

# PHỤ LỤC

## DANH MỤC CÔNG BỐ QUỐC TẾ ISI VÀ/HOẶC SCOPUS CỦA ĐHQGHN NĂM 2018

*Nguồn: <https://Scopus.com>*

*<https://webofknowledge.com>*

1. Aaij, L. c., et al. (2018). Study of  $\Upsilon$  production in pPb collisions at  $\sqrt{s_{NN}}=8.16$  TeV. Journal of High Energy Physics, 2018(11). doi:10.1007/JHEP11(2018)194
2. Aaij, L. H., et al. (2018). Differential branching fraction and angular analysis of  $\Lambda_b(0)b \rightarrow \Lambda_b \mu^{(+)}\mu^{(-)}$  decays. Journal of High Energy Physics(9), 7. doi:10.1007/jhep09(2018)145
3. Aaij, L. H., et al. (2018). Measurement of the Lifetime of the Doubly Charmed Baryon  $\Xi_{cc}^{(++)}$ . Physical Review Letters, 121(5), 10. doi:10.1103/PhysRevLett.121.052002
4. Aaij, L., et al. (2018). Observation of  $B_s(0) \rightarrow \bar{D}^*(0)\phi$  and search for  $B \rightarrow \bar{D}^*(0)\phi$  decays. Physical Review D, 98(7), 10. doi:10.1103/PhysRevD.98.071103
5. Aaij, L. c., et al. (2018). Angular moments of the decay  $\Lambda_b 0 \rightarrow \Lambda \mu + \mu -$  at low hadronic recoil. Journal of High Energy Physics, 2018(9). doi:10.1007/JHEP09(2018)146
6. Aaij, L. c., et al. (2018). Central exclusive production of  $J/\psi$  and  $\psi(2S)$  mesons in pp collisions at  $\sqrt{s}=13$  TeV. Journal of High Energy Physics, 2018(10). doi:10.1007/JHEP10(2018)167
7. Aaij, S., et al. (2018). First Observation of the Doubly Charmed Baryon Decay  $\Xi_{cc}^{++} \rightarrow \Xi_{cc}^{+} \pi^{+}$ . Physical Review Letters, 121(16). doi:10.1103/PhysRevLett.121.162002
8. Aaij, S., et al. (2018). Measurement of Angular and CP Asymmetries in  $D^0 \rightarrow \pi^{+}\pi^{-}\mu^{+}\mu^{-}$  and  $D^0 \rightarrow k^{+}K^{-}\mu^{+}\mu^{-}$  Decays. Physical Review Letters, 121(9). doi:10.1103/PhysRevLett.121.091801
9. Aaij, S., et al. (2018). Measurement of the  $c_0$  Baryon Lifetime. Physical Review Letters, 121(9). doi:10.1103/PhysRevLett.121.092003
10. Aaij, L., et al. (2018). Measurement of the CKM angle using  $B^{\pm} \rightarrow DK^{\pm}$  with  $D \rightarrow KS^0(+-), (KsK+K-)-K-0$  decays (vol 08, 176, 2018). Journal of High Energy Physics(10), 7. doi:10.1007/jhep10(2018)107
11. Aaij, L. c., et al. (2018). Measurement of the CKM angle  $\gamma$  using  $B^{\pm} \rightarrow DK^{\pm}$  with  $D \rightarrow K^+S^0\pi^+\pi^{-}, K^+S^0K^+K^{-}$  decays. Journal of High Energy Physics, 2018(8). doi:10.1007/JHEP08(2018)176
12. Aaij, L. c., et al. (2018). Measurement of the time-integrated CP asymmetry in  $D^0 \rightarrow KS^0KS^0$  decays. Journal of High Energy Physics, 2018(11). doi:10.1007/JHEP11(2018)048
13. Aaij, L. c., et al. (2018). Measurement of  $Z \rightarrow \tau^{+}\tau^{-}$  production in proton-proton collisions at  $\sqrt{s}=8$  TeV. Journal of High Energy Physics, 2018(9). doi:10.1007/JHEP09(2018)159
14. Aaij, L. H., et al. (2018). Observation of a New  $\Xi_b$ - Resonance. Physical Review Letters, 121(7). doi:10.1103/PhysRevLett.121.072002
15. Aaij, L. c., et al. (2018). Observation of the decay  $B_s^0 \rightarrow \chi_c 2K^+ K^-$  in the  $\chi_c$  mass region. Journal of High Energy Physics, 2018(8). doi:10.1007/JHEP08(2018)191
16. Aaij, L. c., et al. (2018). Observation of the decay  $\Lambda_b 0 \rightarrow \psi(2S)p\pi^-$ . Journal of High Energy Physics, 2018(8). doi:10.1007/

17. Aaij, L. c., et al. (2018). Search for beautiful tetraquarks in the  $\square(1S)\mu^+ \mu^-$  invariant-mass spectrum. *Journal of High Energy Physics*, 2018(10). doi:10.1007/JHEP10(2018)086
18. Aaij, L. H., et al. (2018). Search for CP violation in  $\Lambda_b 0 \rightarrow pK^-$  and  $\Lambda_b 0 \rightarrow p\pi^-$  decays. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, 787, 124-133. doi:10.1016/j.physletb.2018.10.039
19. Aaij, L. H., et al. (2018). Observation of the decay  $B_s(0) \rightarrow (D)\overline{0}K(+)K$ . *Physical Review D*, 98(7), 19. doi:10.1103/PhysRevD.98.072006
20. Aaij, L. H., et al. (2018). Measurement of CP violation in  $B-0 \rightarrow D^-/\pi^{\pm}$  decays. *Journal of High Energy Physics*(6), 23. doi:10.1007/jhep06(2018)084
21. Aaij, L. c., et al. (2018). Evidence for the decay  $BS0 \rightarrow K^- \square 0 \mu^+ \mu^-$ . *Journal of High Energy Physics*, 2018(7). doi:10.1007/JHEP07(2018)020
22. Aaij, S., et al. (2018). Measurement of CP asymmetries in two-body B (s)0 -meson decays to charged pions and kaons. *Physical Review D*, 98(3). doi:10.1103/PhysRevD.98.032004
23. Aaij, L. c., et al. (2018). Measurement of CP violation in  $B 0 \rightarrow D \square \pi^{\pm}$  decays. *Journal of High Energy Physics*, 2018(6). doi:10.1007/JHEP06(2018)084
24. Aaij, L. c., et al. (2018). Measurement of  $D_s \pm$  production asymmetry in pp collisions at  $\sqrt{s}=7$  and 8 TeV. *Journal of High Energy Physics*, 2018(8). doi:10.1007/JHEP08(2018)008
25. Aaij, L. c., et al. (2018). Measurement of the CP asymmetry in  $B^- \rightarrow D_s^- D 0$  and  $B^- \rightarrow D^- D 0$  decays. *Journal of High Energy Physics*, 2018(5). doi:10.1007/JHEP05(2018)160
26. Aaij, L. H., et al. (2018). Observation of the decay  $\Lambda_b 0 \rightarrow \Lambda_c^+ p \pi^-$ . *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, 784, 101-111. doi:10.1016/j.physletb.2018.07.033
27. Aaij, L. c., et al. (2018). Search for a dimuon resonance in the  $\square$  mass region. *Journal of High Energy Physics*, 2018(9). doi:10.1007/JHEP09(2018)147
28. Aaij, L. H., et al. (2018). Measurement of the inelastic pp cross-section at a centre-of-mass energy of 13 TeV. *Journal of High Energy Physics*(6), 18. doi:10.1007/jhep06(2018)100
29. Aaij, L. H., et al. (2018). Measurement of Upsilon production in pp collisions at root s=13 TeV. *Journal of High Energy Physics*(7), 27. doi:10.1007/jhep07(2018)134
30. Aaij, L. H., et al. (2018). Search for  $B_c(+)$  decays to two charm mesons LHCb Collaboration. *Nuclear Physics B*, 930, 563-582. doi:10.1016/j.nuclphysb.2018.03.015
31. Aaij, L. H., et al. (2018). Search for Dark Photons Produced in 13 TeV pp Collisions. *Physical Review Letters*, 120(6), 11. doi:10.1103/PhysRevLett.120.061801
32. Aaij, L. H., et al. (2018). Search for weakly decaying b-flavored pentaquarks. *Physical Review D*, 97(3), 11. doi:10.1103/PhysRevD.97.032010
33. Aaij, S., et al. (2018). Studies of the resonance structure in  $D-0 \rightarrow K^-/\pi^+ \pi^{\pm} \pi^{\pm}$  decays. *European Physical Journal C*, 78(6), 31. doi:10.1140/epjc/s10052-018-5758-4
34. Aaij, L., et al. (2018). Test of lepton flavor universality by the measurement of the  $B-0 \rightarrow D^{*(-)} \tau^{(+)} \nu(\tau)$  branching fraction using three-prong tau decays. *Physical Review D*, 97(7), 26. doi:10.1103/PhysRevD.97.072013
35. Aaij, S., et al. (2018). Updated determination of  $D-0$ - $(D)\overline{0}$  mixing and CP violation parameters with  $D-0 \rightarrow K^+ \pi^-$  decays. *Physical Review D*, 97(3), 11. doi:10.1103/PhysRevD.97.031101
36. Aaij, S., et al. (2018). Amplitude Analysis of the Decay  $B 0 \rightarrow KS0 \pi^+ \pi^-$  and First Observation of the CP Asymmetry in  $B 0 \rightarrow k \square (892) \pi^+$ . *Physical Review Letters*, 120(26). doi:10.1103/PhysRevLett.120.261801
37. Aaij, L. c., et al. (2018). Erratum to: Measurement of CP observables in  $B^{\pm} \rightarrow DK^{*\pm}$  decays using two- and four-body D final states (*Journal of High Energy Physics*, (2017), 2017, 11, (156), 10.1007/JHEP11(2017)156). *Journal of High Energy Physics*, 2018(5). doi:10.1007/JHEP05(2018)067
38. Aaij, L. H., et al. (2018). Evidence for the Rare Decay  $\Sigma^+ \rightarrow p \mu^+ \mu^-$ . *Physical Review Letters*, 120(22). doi:10.1103/PhysRevLett.120.221803
39. Aaij, L. c., et al. (2018). First measurement of the CP-violating phase  $\square_{sd\bar{d}}$  in  $Bs 0 \rightarrow (K + \pi^-)(K - \pi^+)$  decays. *Journal of High Energy Physics*, 2018(3). doi:10.1007/JHEP03(2018)140
40. Aaij, L. c., et al. (2018). First observation of  $B^+ \rightarrow Ds + K + K^-$  decays and a search for  $B^+ \rightarrow Ds + \square$  decays. *Journal of High Energy Physics*, 2018(1). doi:10.1007/JHEP01(2018)131

41. Aaij, S., et al. (2018). First observation of forward  $Z \rightarrow b\bar{b}$  production in pp collisions at  $\sqrt{s}=8$  TeV. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, 776, 430-439. doi:10.1016/j.physletb.2017.11.066
42. Aaij, L. c., et al. (2018). Measurement of branching fractions of charmless four-body  $\Lambda_b^0$  and  $\Xi_b^0$  decays. *Journal of High Energy Physics*, 2018(2). doi:10.1007/JHEP02(2018)098
43. Aaij, L. c., et al. (2018). Measurement of CP asymmetry in  $B_s^0 \rightarrow D_s \square K^\pm$  decays. *Journal of High Energy Physics*, 2018(3). doi:10.1007/JHEP03(2018)059
44. Aaij, S., et al. (2018). Measurement of CP observables in  $B^\pm \rightarrow D(\square)K^\pm$  and  $B^\pm \rightarrow D(\square)\pi^\pm$  decays. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, 777, 16-30. doi:10.1016/j.physletb.2017.11.070
45. Aaij, L. c., et al. (2018). Measurement of forward top pair production in the dilepton channel in pp collisions at  $\sqrt{s}=13$  TeV. *Journal of High Energy Physics*, 2018(8). doi:10.1007/JHEP08(2018)174
46. Aaij, L. c., et al. (2018). A measurement of the CP asymmetry difference between  $\Lambda_c^+ \rightarrow pK^-K^+$  and  $p\pi^-\pi^+$  decays. *Journal of High Energy Physics*, 2018(3). doi:10.1007/JHEP03(2018)182
47. Aaij, S., et al. (2018). Measurement of the Ratio of Branching Fractions  $B(B_c^+ \rightarrow j/\psi\tau^+\nu\tau)/B(B_c^+ \rightarrow j/\psi\mu^+\nu\mu)$ . *Physical Review Letters*, 120(12). doi:10.1103/PhysRevLett.120.121801
48. Aaij, L. H., et al. (2018). Measurement of the Ratio of the  $B^0 \rightarrow d\square\tau^+\nu\tau$  and  $B^0 \rightarrow d\square\mu^+\nu\mu$  Branching Fractions Using Three-Prong  $\tau$ -Lepton Decays. *Physical Review Letters*, 120(17). doi:10.1103/PhysRevLett.120.171802
49. Aaij, L. c., et al. (2018). Measurement of  $\square$  production in pp collisions at  $\sqrt{s}=13$  TeV. *Journal of High Energy Physics*, 2018(7). doi:10.1007/JHEP07(2018)134
50. Aaij, L. c., et al. (2018). Measurements of the branching fractions of  $\Lambda_c^+ \rightarrow p\pi^-\pi^+$ ,  $\Lambda_c^+ \rightarrow pK^-K^+$ , and  $\Lambda_c^+ \rightarrow p\pi^-K^+$ . *Journal of High Energy Physics*, 2018(3). doi:10.1007/JHEP03(2018)043
51. Aaij, L. c., et al. (2018). Search for CP violation using triple product asymmetries in  $\Lambda_b^0 \rightarrow pK^-\pi^+\pi^-$ ,  $\Lambda_b^0 \rightarrow pK^-K^+K^-$  and  $\Xi_b^0 \rightarrow pK^-K^-\pi^+$  decays. *Journal of High Energy Physics*, 2018(8). doi:10.1007/JHEP08(2018)039
52. Aaij, L. c., et al. (2018). Search for excited  $B_c^+$  states. *Journal of High Energy Physics*, 2018(1). doi:10.1007/JHEP01(2018)138
53. Aaij, L. c., et al. (2018). Search for the lepton-flavour violating decays  $B(s)0 \rightarrow e^\pm \mu \square$ . *Journal of High Energy Physics*, 2018(3). doi:10.1007/JHEP03(2018)078
54. Aaij, L. H., et al. (2018). Search for the rare decay  $\Lambda_c^+ \rightarrow p\mu^+\mu$ . *Physical Review D*, 97(9). doi:10.1103/PhysRevD.97.091101
55. Aaij, C., et al. (2018). Measurement of Antiproton Production in p-He Collisions at root S-NN=110 GeV. *Physical Review Letters*, 121(22), 10. doi:10.1103/PhysRevLett.121.222001
56. Aaij, L. H., et al. (2018). Search for lepton-flavour-violating decays of Higgs-like bosons. *European Physical Journal C*, 78(12), 12. doi:10.1140/epjc/s10052-018-6386-8
57. Aaij, S., et al. (2018). Measurement of the Omega(0)(c) Baryon Lifetime. *Physical Review Letters*, 121(9), 10. doi:10.1103/PhysRevLett.121.092003
58. Aaij, S., et al. (2018). Measurement of CP observables in  $B^{+/-} \rightarrow DK^{+(-)}$  decays using two- and four-body D final states (vol 11, 156, 2017). *Journal of High Energy Physics*(5), 7. doi:10.1007/jhep05(2018)067
59. Abanin, Tien, P. T., et al. (2018). Compactness of classical operators on weighted Banach spaces of holomorphic functions. *Collectanea Mathematica*, 69(1), 1-15. doi:10.1007/s13348-016-0185-z
60. Abanin, Tien, P. T., et al. (2018). Weighted Inductive Limits of Holomorphic Functions with o-Growth Condition. *Complex Analysis and Operator Theory*, 1-9. doi:10.1007/s11785-018-0792-7
61. Ali, Son, L. H., et al. (2018). Interval Complex Neutrosophic Set: Formulation and Applications in Decision-Making. *International Journal of Fuzzy Systems*, 20(3), 986-999. doi:10.1007/s40815-017-0380-4
62. Ali, Minh, N. V., et al. (2018). A neutrosophic recommender system for medical diagnosis based on algebraic neutrosophic measures. *Applied Soft Computing*, 71, 1054-1071. doi:10.1016/j.asoc.2017.10.012
63. Ali, Tung, N. T., et al. (2018). Segmentation of dental X-ray images in medical imaging using neutrosophic orthogonal matrices. *Expert Systems with Applications*, 91, 434-441. doi:10.1016/j.eswa.2017.09.027
64. Amal, Son, L. H., et al. (2018). SGA: spatial GIS-based genetic algorithm for route optimization of municipal solid waste collection. *Environmental Science and Pollution Research*, 25(27), 27569-27582. doi:10.1007/s11356-018-2826-0
65. Anh, B. T. K., Trung, L. T., et al. (2018). Field Survey and Comparative Study of Pteris Vittata and Pityrogramma Calomelanos Grown on Arsenic Contaminated Lands with Different Soil pH. *Bulletin of Environmental Contamination and Toxicology*, 100(5), 720-726. doi:10.1007/

66. Anh, H. Q., Viet, P. H., et al. (2018). Comprehensive analysis of 942 organic micro-pollutants in settled dusts from northern Vietnam: pollution status and implications for human exposure. *Journal of Material Cycles and Waste Management*, 1-10. doi:10.1007/s10163-018-0745-2
67. Anh, H. Q., T. M., Minh, et al. (2018). PBDEs and novel brominated flame retardants in road dust from northern Vietnam: Levels, congener profiles, emission sources and implications for human exposure. *Chemosphere*, 197, 389-398. doi:10.1016/j.chemosphere.2018.01.066
68. Anh, L. T., Van, B. T., et al. (2018). Synthesis and cytotoxicity of dibenzo[ $\gamma$ -aryl]pyridino]aza-17-crown-5 ethers. *Macroheterocycles*, 11(2), 197-202. doi:10.6060/mhc170406a
69. Anh, N. D., & Linh, N. N. (2018). A weighted dual criterion of the equivalent linearization method for nonlinear systems subjected to random excitation. *Acta Mechanica*, 229(3), 1297-1310. doi:10.1007/s00707-017-2009-y
70. Anh, N. T. N., An, N. L., et al. (2018). Wavelet-Artificial Neural Network Model for Water Level Forecasting.
71. Anh, P. K., & Hai, T. N. (2018). Novel self-adaptive algorithms for non-Lipschitz equilibrium problems with applications. *Journal of Global Optimization*. doi:10.1007/s10898-018-0722-2
72. Anh, P. K., & Hai, T. N. (2018). A splitting algorithm for equilibrium problem given by the difference of two bifunctions. *Journal of Fixed Point Theory and Applications*, 20(1), 15. doi:10.1007/s11784-018-0532-7
73. Anh, P. K., Vinh, N. T., & Dung, V. T. (2018). A new self-adaptive CQ algorithm with an application to the LASSO problem. *Journal of Fixed Point Theory and Applications*, 20(4), 19. doi:10.1007/s11784-018-0620-8
74. Anh, S. T. L., Bang, H. H., et al. (2018). Unparticle Effects on Axion-Like Particles Production in  $e + e -$  Collisions. *International Journal of Theoretical Physics*, 57(7), 2015-2021. doi:10.1007/s10773-018-3727-1
75. Anh, S. T. L., Bang, H. H., et al. (2018). Unparticle effects on Bhabha scattering. *Canadian Journal of Physics*, 96(3), 268-271. doi:10.1139/cjp-2016-0955
76. Anh, T. V., Son, D. X., et al. (2018). Parallel Algorithms for Solving a Class of Variational Inequalities over the Common Fixed Points Set of a Finite Family of Demicontractive Mappings. *Numerical Functional Analysis and Optimization*. doi:10.1080/01630563.2018.1485695
77. Baird, Ha, L. T., et al. (2018). Land grabs and labour: Vietnamese workers on rubber plantations in southern Laos. *Singapore Journal of Tropical Geography*. doi:10.1111/sjtg.12261
78. Bau, N. Q., & Long, D. T. (2018). Influence of confined optical phonons and laser radiation on the hall effect in a compositional superlattice. *Physica B-Condensed Matter*, 532, 149-154. doi:10.1016/j.physb.2017.09.127
79. Belova, Trang, N. H., et al. (2018). The molecular structure of 4-methylpyridine-N-oxide: Gas-phase electron diffraction and quantum chemical calculations. *Journal of Molecular Structure*, 1156, 210-215. doi:10.1016/j.molstruc.2017.11.070
80. BenSaïda, Nguyen, D. K., et al. (2018). The shifting dependence dynamics between the G7 stock markets. *Quantitative Finance*, 18(5), 801-812. doi:10.1080/14697688.2017.1419628
81. BenSaïda, Nguyen, D. K., et al. (2018). Value-at-risk under market shifts through highly flexible models. *Journal of Forecasting*, 37(8), 790-804. doi:10.1002/for.2503
82. BenSaïda, Nguyen, D. K., et al. (2018). Value-at-risk under market shifts through highly flexible models. *Journal of Forecasting*, 37(8), 790-804. doi:10.1002/for.2503
83. Bertassello, L. E., et al. (2018). Wetlandscape Fractal Topography. *Geophysical Research Letters*, 45(14), 6983-6991. doi:10.1029/2018gl079094
84. Bilgili, H. S., et al. (2018). Post-irrigation degradation of land and environmental resources in the Harran plain, southeastern Turkey. *Environmental Monitoring and Assessment*, 190(11), 14. doi:10.1007/s10661-018-7019-2
85. Binh, P. T., Thao, N. P., et al. (2018). Lanostane-type triterpenoids from *ganoderma lucidum* and *G. multipileum* fruiting bodies. *Natural Product Communications*, 13(11), 1441-1444.
86. Bondar, Duc, N. D., et al. (2018). Constitutive modeling of cyclic plasticity deformation and low-high-cycle fatigue of stainless steel 304 in uniaxial stress state. *Mechanics of Advanced Materials and Structures*, 25(12), 1009-1017. doi:10.1080/15376494.2017.1342882
87. Borndorfer, R., & Hoang, N. D. (2018). Fair ticket pricing in public transport as a constrained cost allocation game (vol 226, pg 51, 2015). *Annals of Operations Research*, 264(1-2), 541-541. doi:10.1007/s10479-017-2731-9
88. Boubaker, Nguyen, D. K., et al. (2018). Assessing the effects of unconventional monetary policy and low interest rates on pension fund risk incentives (Reprinted of JOURNAL OF BANKING AND FINANCE vol 77, pg 35). *Journal of Banking & Finance*, 92, 340-357. doi:10.1016/j.jbankfin.2018.03.003

89. Boulkhrif, H., Luu, et al. (2018). Accuracy of semi-automated versus manual localisation of liver tumours in CT-guided ablation procedures. *European Radiology*, 28(12), 4978-4984. doi:10.1007/s00330-018-5498-8
90. Broumi, Son, L. H., et al. (2018). Spanning Tree Problem with Neutrosophic Edge Weights. In J. Boumhidi, P. Erdi, Y. Ghanou, E. H. Naoui, & Y. Oubenaalla (Eds.), *Proceedings of the First International Conference on Intelligent Computing in Data Sciences* (Vol. 127, pp. 190-199). Amsterdam: Elsevier Science Bv.
91. Bui, A. T., Le, H. A., & Truong, N. T. (2018) Generation of Power State Machine for Android Devices. In: Vol. 217 (pp. 48-59): Springer Verlag.
92. Bui, D. T. (2018). Procedural Proportionality: The Remedy for an Uncertain Jurisprudence of Minor Offence Justice. *Criminal Law and Philosophy*, 12(1), 83-106. doi:10.1007/s11572-017-9413-1
93. Bui, D. T., Saro, L., et al. (2018). A novel integrated approach of Relevance Vector Machine optimized by imperialist competitive algorithm for spatial modeling of shallow landslides. *Remote Sensing*, 10(10). doi:10.3390/rs10101538
94. Bui, D. T., Nguyen, D. V., et al. (2018) Aerial image semantic segmentation using neural search network architecture. In: Vol. 11248 LNAI (pp. 113-124): Springer Verlag.
95. Bui, H. N., Ha, Q. T., & Nguyen, T. T. (2018). A novel similarity measure for trace clustering based on normalized google distance. *JP Journal of Heat and Mass Transfer*, 15(Special Issue 3), 341-346. doi:10.17654/HMSI318341
96. Bui, H. N., Ha, Q. T., et al. (2018) A New Trace Clustering Algorithm Based on Context in Process Mining. In: Vol. 11103 LNAI (pp. 644-657): Springer Verlag.
97. Bui, T. T., G. H., et al. (2018). Verticillium dahliae transcription factors Som1 and Vta3 control microsclerotia formation and sequential steps of plant root penetration and colonisation to induce disease. *New Phytologist*. doi:10.1111/nph.15514
98. Bui, T. T. N. (2018). Engagement in Language Policies and Practices with and for Vietnamese Minority Student Youth. *Journal of Language Identity and Education*, 17(5), 277-291. doi:10.1080/15348458.2018.1433538
99. Bulhões, T., Hà, et al. (2018). The vehicle routing problem with service level constraints. *European Journal of Operational Research*, 265(2), 544-558. doi:10.1016/j.ejor.2017.08.027
100. Buzinde, Do, H. H., et al. (2018). Tourism students' motivational orientations: the case of Vietnam. *Asia Pacific Journal of Tourism Research*, 23(1), 68-78. doi:10.1080/10941665.2017.1399918
101. Cao, D. T., Pham, V. C., et al. (2018). Antimicrobial metabolites from a marine-derived Actinomycete Streptomyces sp. G278. *Natural Product Research*, 1-8. doi:10.1080/14786419.2018.1468331
102. Cao, T., Nguyen, D. V., et al. (2018). Parallel Computation of Rough Set Approximations in Information Systems with Missing Decision Data. *Computers*, 7(3), 21. doi:10.3390/computers7030044
103. Cao, T. T. H., K., et al. (2018). Effect of dissolved organic nitrogen contamination on N-15-NH4 determination in water samples by modification of the diffusion method with gas-phase trapping. *Rapid Communications in Mass Spectrometry*, 32(8), 635-638. doi:10.1002/rcm.8091
104. Casañola-Martin, Le-Thi-Thu, H., et al. (2018). Atom based linear index descriptors in QSAR-machine learning classifiers for the prediction of ubiquitin-proteasome pathway activity. *Medicinal Chemistry Research*, 27(3), 695-704. doi:10.1007/s00044-017-2091-7
105. Castro, Tuan, N. M., et al. (2018). New Convolutions for Quadratic-Phase Fourier Integral Operators and their Applications. *Mediterranean Journal of Mathematics*, 15(1), 17. doi:10.1007/s00009-017-1063-y
106. Chan, D. Q., Anh, V. T. T., & Duc, N. D. (2018). Vibration and nonlinear dynamic response of eccentrically stiffened functionally graded composite truncated conical shells surrounded by an elastic medium in thermal environments. *Acta Mechanica*. doi:10.1007/s00707-018-2282-4
107. Chan, D. Q., Van Dung, D., & Hoa, L. K. (2018). Thermal buckling analysis of stiffened FGM truncated conical shells resting on elastic foundations using FSDT. *Acta Mechanica*, 229(5), 2221-2249. doi:10.1007/s00707-017-2090-2
108. Chatterjee, L. H., et al. (2018). Bitcoin exclusively informational money: a valuable review from 2010 to 2017. *Quality & Quantity*, 52(5), 2037-2054. doi:10.1007/s11135-017-0605-5
109. Chau, L. M. (2018). Actively cautious: Industrialization and rural livelihood choices in contemporary northern Vietnam. *South East Asia Research*, 26(1), 21-37. doi:10.1177/0967828x17752415
110. Chau, N. H. (2018). A New Approach to Estimate Urban Air Temperature Using Smartphones. In N. T. Nguyen, D. H. Hoang, T. P. Hong, H. Pham, & B. Trzawinski (Eds.), *Intelligent Information and Database Systems, Aciids 2018, Pt I* (Vol. 10751, pp. 633-641). Cham: Springer International Publishing Ag.

111. Chau, N. T. T., Thien, L. V., Hong, L. T. T., & Futamata, H. (2018). Effect of Using Thermophilic Bacteria as Start Inoculum on Microbial Aspect of Pulp and Paper Mill Sludge Composting Process. *Chiang Mai Journal of Science*, 45(7), 2623-2636.
112. Chau, N. T. T., Thien, L. V., Lan, P. T. N., & Futamata, H. (2018). Characterization and utilization of pulp and paper mill sludge digesting thermophilic bacteria in composting process. *Sains Malaysiana*, 47(5), 1051-1060. doi:10.17576/jsm-2018-4705-23
113. Chinh, N. D., & Tan, T. D. (2018). Development and implementation of a wireless sensor system for landslide monitoring application in Vietnam. *International Journal of Information and Communication Technology*, 13(2), 227-242. doi:10.1504/IJICT.2018.090560
114. Chinh, N. T., Hoang, T., et al. (2018). Polylactic Acid/Chitosan Nanoparticles Loading Nifedipine: Characterization Findings and In Vivo Investigation in Animal. *Journal of Nanoscience and Nanotechnology*, 18(4), 2294-2303. doi:10.1166/jnn.2018.14537
115. Chu, D. T., Pham, V. H., et al. (2018). An update on physical health and economic consequences of overweight and obesity. *Diabetes & Metabolic Syndrome-Clinical Research & Reviews*, 12(6), 1095-1100. doi:10.1016/j.dsx.2018.05.004
116. Chu, D. T., Le Hoang, S., et al. (2018). Achievements and challenges in HIV/AIDS control in Vietnam. *Hiv Medicine*, 19(9), e75-e76. doi:10.1111/hiv.12631
117. Chu, M. N., Nguyen, D. C., et al. (2018). Nano ZrO<sub>2</sub> synthesis by extraction of Zr(IV) from ZrO(NO<sub>3</sub>)<sub>2</sub> by PC88A, and determination of extraction impurities by ICP-MS. *Metals*, 8(10). doi:10.3390/met8100851
118. Chuan, P. M., Khang, T. D., et al. (2018) Enhance link prediction in online social networks using similarity metrics, sampling, and classification. In: Vol. 672 (pp. 823-833): Springer Verlag.
119. Chuan, P. M., Son, L. H., et al. (2018). Link prediction in co-authorship networks based on hybrid content similarity metric. *Applied Intelligence*, 48(8), 2470-2486. doi:10.1007/s10489-017-1086-x
120. Cong, P. H., Chien, T. M., Khoa, N. D., & Duc, N. D. (2018). Nonlinear thermomechanical buckling and post-buckling response of porous FGM plates using Reddy's HSDT. *Aerospace Science and Technology*, 77, 419-428. doi:10.1016/j.ast.2018.03.020
121. Cong, P. H., & Duc, N. D. (2018). New approach to investigate the nonlinear dynamic response and vibration of a functionally graded multilayer graphene nanocomposite plate on a viscoelastic Pasternak medium in a thermal environment. *Acta Mechanica*, 229(9), 3651-3670. doi:10.1007/s00707-018-2178-3
122. Cong, P. H., Khanh, N. D., Khoa, N. D., & Duc, N. D. (2018). New approach to investigate nonlinear dynamic response of sandwich auxetic double curves shallow shells using TSDT. *Composite Structures*, 185, 455-465. doi:10.1016/j.compstruct.2017.11.047
123. Cuong, A. M., Thang, N. D., et al. (2018). Melanin-embedded materials effectively remove hexavalent chromium (CrVI) from aqueous solution. *Environmental Health and Preventive Medicine*, 23(1). doi:10.1186/s12199-018-0699-y
124. Cuong, D. X., Hien, H. T., & Long, T. (2018). Multi-criteria Decision-Making model evaluating the performance of Vietnamese commercial banks. *International Journal of Financial Research*, 9(1), 132-141. doi:10.5430/ijfr.v9n1p132
125. Cuong, L. B., Vo, D. H., et al. (2018) JCIA: A tool for change impact analysis of Java EE applications. In: Vol. 672 (pp. 105-114): Springer Verlag.
126. Cuong, L. V., Thuan, N. K., & Thang, P. D. (2018). Fabrication of microsized magnetic materials by ink-jet printing. *Materials Transactions*, 59(7), 1091-1094. doi:10.2320/matertrans.MD201702
127. Cuong, N. V., & Linh, V. H. (2018). The Impact of Migration and Remittances on Household Welfare: Evidence from Vietnam. *Journal of International Migration and Integration*, 19(4), 945-963. doi:10.1007/s12134-018-0571-3
128. Cuong, T. T., Diem, The Hung, H., et al. (2018). Wedelolactone from vietnamese *Eclipta prostrata* (L) L. protected zymosan-induced shock in mice. *Iranian Journal of Pharmaceutical Research*, 17(2), 653-660.
129. Dang, A. K., Ho, R. C. M., et al. (2018). Associations between internet addiction and physical activity among Vietnamese youths and adolescents. *Children and Youth Services Review*, 93, 36-40. doi:10.1016/j.childyouth.2018.06.030
130. Dang, A. K., Ho, R. C. M., et al. (2018). Physical activity among HIV-positive patients receiving antiretroviral therapy in Hanoi and Nam Dinh, Vietnam: a cross-sectional study. *Bmj Open*, 8(5), 11. doi:10.1136/bmjopen-2017-020688
131. Dang, H. M., Ho, H., et al. (2018). Mental health literacy and intervention program adaptation in the internationalization of school psychology for Vietnam. *Psychology in the Schools*, 55(8), 941-954. doi:10.1002/pits.22156
132. Dang, K., Nagai, O., et al. (2018). TXT-tool 3.081-1.8 a new high-stress undrained ring-shear apparatus and its application to the 1792 unzen-mayuyama megaslide in Japan. In *Landslide Dynamics: ISDR-ICL Landslide Interactive Teaching Tools* (Vol. 2, pp. 371-391): Springer International Publishing.
133. Dang, K., Ha, N. D., et al. (2018). Recent rainfall-induced rapid and long-traveling landslide on 17 May 2016 in Aranayaka, Kagelle District, Sri Lanka. *Landslides*. doi:10.1007/s10346-018-1089-7



134. Dang, K., He, B., et al. (2018). TXT-tool 3.081-1.2 simulation of landslide induced tsunami (LS-Tsunami) based on the landslide motion predicted by LS-RAPID. In *Landslide Dynamics: ISDR-ICL Landslide Interactive Teaching Tools (Vol. 2, pp. 111-130)*: Springer International Publishing.
135. Dang, K. B., Dang, V. B., et al. (2018). Modelling and mapping natural hazard regulating ecosystem services in Sapa, Lao Cai province, Vietnam. *Paddy and Water Environment*, 16(4), 767-781. doi:10.1007/s10333-018-0667-6
136. Dang, K. B., Müller, F., et al. (2018). A Bayesian Belief Network – Based approach to link ecosystem functions with rice provisioning ecosystem services. *Ecological Indicators*. doi:10.1016/j.ecolind.2018.04.055
137. Dang, M. N. (2018). A NEW DECISION MAKING MODEL BASED ON THE MADE IN VIETNAM LEAN MANAGEMENT PHILOSOPHY. *Economics & Sociology*, 11(1), 44-60. doi:10.14254/2071-789x.2018/11-1/3
138. Dang, T. H., Le, H. Q., et al. (2018). D3NER: biomedical named entity recognition using CRF-biLSTM improved with fine-tuned embeddings of various linguistic information. *Bioinformatics*, 34(20), 3539-3546. doi:10.1093/bioinformatics/bty356
139. Dang, T. N. Y. (2018). The nature of vocabulary in academic speech of hard and soft sciences. *English for Specific Purposes*, 51, 69-83. doi:10.1016/j.esp.2018.03.004
140. Dao, T. C., Le, V. V., et al. (2018). Modification of the SERS spectrum of cyanide traces due to complex formation between cyanide and silver. *Advances in Natural Sciences: Nanoscience and Nanotechnology*, 9(2). doi:10.1088/2043-6254/aabef8
141. Dao, T. H., Pham, T. D., et al. (2018). Removal of antibiotic from aqueous solution using synthesized TiO<sub>2</sub> nanoparticles: characteristics and mechanisms. *Environmental Earth Sciences*, 77(10), 14. doi:10.1007/s12665-018-7550-z
142. Dau, V. T., Tran, C. D., et al. (2018). Vortex flow generator utilizing synthetic jets by diaphragm vibration. *International Journal of Mechanical Sciences*, 142-143, 432-439. doi:10.1016/j.ijmecsci.2018.05.028
143. Dau, V. T., Hoa, P. T., et al. (2018). Tri-axis convective accelerometer with closed-loop heat source. *Sensors and Actuators a-Physical*, 275, 51-59. doi:10.1016/j.sna.2018.03.047
144. Dau, V. T., Phan, H. T., et al. (2018). A study of angular rate sensing by corona discharge ion wind. *Sensors and Actuators a-Physical*, 277, 169-180. doi:10.1016/j.sna.2018.05.021
145. Dau, V. T., Bui, T. T., et al. (2018). Dual-pin electrohydrodynamic generator driven by alternating current. *Experimental Thermal and Fluid Science*, 97, 290-295. doi:10.1016/j.expthermflusci.2018.04.028
146. Dau, V. T., Bui, T. T., et al. (2018). Particle precipitation by bipolar corona discharge ion winds. *Journal of Aerosol Science*, 124, 83-94. doi:10.1016/j.jaerosci.2018.07.007
147. Dau, V. T., Bui, T. T., et al. (2018). Estimating the Effect of Asymmetric Electrodes in Bipolar Discharge Ion Wind Generator. *Ieee Transactions on Dielectrics and Electrical Insulation*, 25(3), 900-907. doi:10.1109/tdei.2018.006881
148. Diep, D. N., Giang, D. H., & Phu, P. H. (2018). Application of Quantum Gauss-Jordan Elimination Code to Quantum Secret Sharing Code. *International Journal of Theoretical Physics*, 57(3), 841-847. doi:10.1007/s10773-017-3617-y
149. Dinh Duc, N., & Hong Cong, P. (2018). Nonlinear thermo-mechanical dynamic analysis and vibration of higher order shear deformable piezoelectric functionally graded material sandwich plates resting on elastic foundations. *Journal of Sandwich Structures and Materials*, 20(2), 191-218. doi:10.1177/1099636216648488
150. Dinh, T. M. T., Nguyen, Q. T., & Sandrasegaran, K. (2018). A closed-form of cooperative detection probability using EGC-based soft decision under Suzuki fading.
151. Dinh, V. Q., Hoang, V. H., et al. (2018). Thermal Stress Reduction of Copper Through Silicon Via (TSV) with Annealing. *Ecs Journal of Solid State Science and Technology*, 7(11), P689-P692. doi:10.1149/2.0301811jss
152. Do, H., Giang, T. H. T., & Mai, K. (2018). Vietnamese telephone openings Both universals and particulars. *Language and Dialogue*, 8(3), 363-389. doi:10.1075/ld.00022.do
153. Do, H. D., Ha, P. T., et al. (2018). Folate-modified, curcumin and paclitaxel co-loaded PLA-TPGS nanoparticles: Preparation, optimization and in vitro cytotoxicity assays. *Advances in Natural Sciences: Nanoscience and Nanotechnology*, 9(2). doi:10.1088/2043-6254/aabb5c
154. Do, L. Q., Bui, T. T., et al. (2018). Fluidic platform with embedded differential capacitively coupled contactless conductivity detector for micro-object sensing. *International Journal of Nanotechnology*, 15(1-3), 24-38.
155. Do, L. Q., Pham Van, T., et al. (2018). Development of a LC passive wireless sensor utilizing capacitively coupled contactless detection structure.
156. Do, L. Q., Thuy, H. T. T., et al. (2018). Dielectrophoresis Microfluidic Enrichment Platform with Built-In Capacitive Sensor for Rare Tumor Cell Detection. *Biochip Journal*, 12(2), 114-122. doi:10.1007/s13206-017-2204-x

157. Do, P. T., Pham, H. Q., et al. (2018). ASSESSMENT OF SEQUENCE POLYMORPHISM AND GENE EXPRESSION OF OSSOS1 GENE IN TWO CONTRASTING RICE GENOTYPES. *Acta Biologica Cracoviensia Series Botanica*, 60(1), 10. doi:10.24425/118042
158. Do, T. H., Ramos Terrades, et al. (2018). DSD: document sparse-based denoising algorithm. *Pattern Analysis and Applications*, 1-10. doi:10.1007/s10044-018-0714-3
159. Do, T. Q. (2018). On the validity of cosmic no-hair conjecture in an anisotropic inflationary model. In T. X. Hoang, H. A. Tuan, & V. N. Tuoc (Eds.), *42nd Vietnam National Conference on Theoretical Physics (Vol. 1034)*. Bristol: Iop Publishing Ltd.
160. Do, T. Q., & Kao, W. F. (2018). Anisotropic power-law inflation for a conformal-violating Maxwell model. *European Physical Journal C*, 78(5), 10. doi:10.1140/epjc/s10052-018-5846-5
161. Do, T. Q., & Kao, W. F. (2018). Anisotropic power-law inflation of the five dimensional scalar-vector and scalar-Kalb-Ramond model. *European Physical Journal C*, 78(6), 17. doi:10.1140/epjc/s10052-018-6008-5
162. Do, T. T. T., Le, M. D., et al. (2018). Receptiveness and preferences of health-related smartphone applications among Vietnamese youth and young adults. *Bmc Public Health*, 18, 8. doi:10.1186/s12889-018-5641-0
163. Doan, D. H., Duc, N. D., et al. (2018). Validation simulation for free vibration and buckling of cracked Mindlin plates using phase-field method. *Mechanics of Advanced Materials and Structures*, 1-10. doi:10.1080/15376494.2018.1430262
164. Doan, M. N. T., Dao, C. T., et al. (2018). Research on the Potential Environmental Zonation of Red Flesh Dragon Fruit in Vinh Phuc Province. In B. Otjacques, P. Hitzelberger, S. Naumann, & V. Wohlgenuth (Eds.), *From Science to Society: New Trends in Environmental Informatics* (pp. 13-24). Cham: Springer International Publishing Ag.
165. Doan, T., Le, Q., & Tran, T. Q. (2018). Lost in Transition? Declining Returns to Education in Vietnam. *European Journal of Development Research*, 30(2), 195-216. doi:10.1057/s41287-017-0080-9
166. Doan, T., Tran, T. Q., & Nguyen, H. (2018). Provincial competitiveness and labour market returns in Vietnam. *Hitotsubashi Journal of Economics*, 59(2), 95-112.
167. Doan, T. T., Rao Sahib, P., & van Witteloostuijn, A. (2018). Lessons from the flipside: How do acquirers learn from divestitures to complete acquisitions? *Long Range Planning*, 51(2), 252-266. doi:10.1016/j.lrp.2018.01.002
168. Dong, S. Y., Phan, K. L., et al. (2018). The true *Tectaria chinensis* (Tectariaceae): morphology, distribution, and allied species. *Phytotaxa*, 376(1), 60-67. doi:10.11646/phytotaxa.376.1.6
169. Doss, S., Huy Thong, P., et al. (2018). APD-JFAD: Accurate prevention and detection of jelly fish attack in MANET. *Ieee Access*, 6, 56954-56965. doi:10.1109/ACCESS.2018.2868544
170. Du, P. H., Pham, H. D., & Nguyen, N. H. (2018) An efficient parallel method for optimizing concurrent operations on social networks. In: Vol. 10840 LNCS. *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)* (pp. 182-199): Springer Verlag.
171. Duc, D. M. (2018). TXT-tool 4.084-1.1 soil slope stability analysis. In *Landslide Dynamics: ISDR-ICL Landslide Interactive Teaching Tools (Vol. 2, pp. 447-460)*: Springer International Publishing.
172. Duc, D. M., Nhuan, M. T., Quy, T. D., & Lieu, T. M. (2018). TXT-tool 4.084-1.2 landslide vulnerability assessment: A case study of Backan Town, Northeast Vietnam. In *Landslide Dynamics: ISDR-ICL Landslide Interactive Teaching Tools (Vol. 2, pp. 521-537)*: Springer International Publishing.
173. Duc, L. H., The, A. N. D., et al. (2018). High-power low-loss air-dielectric stripline Gysel divider/combiner for particle accelerator applications at 352 MHz. *Journal of Engineering-Joe*(5), 264-267. doi:10.1049/joe.2017.0793
174. Duc, N. D. (2018). Nonlinear thermo- electro-mechanical dynamic response of shear deformable piezoelectric sigmoid functionally graded sandwich circular cylindrical shells on elastic foundations. *Journal of Sandwich Structures & Materials*, 20(3), 351-378. doi:10.1177/1099636216653266
175. Duc, N. D., Dinh Khoa, N., et al. (2018). Geometrically nonlinear dynamic response and vibration of shear deformable eccentrically stiffened functionally graded material cylindrical panels subjected to thermal, mechanical, and blast loads. *Journal of Sandwich Structures and Materials*. doi:10.1177/1099636218765603
176. Duc, N. D., Khoa, N. D., & Thiem, H. T. (2018). Nonlinear thermo-mechanical response of eccentrically stiffened Sigmoid FGM circular cylindrical shells subjected to compressive and uniform radial loads using the Reddy's third-order shear deformation shell theory. *Mechanics of Advanced Materials and Structures*, 25(13), 1156-1167. doi:10.1080/15376494.2017.1341581
177. Duc, N. D., Quang, V. D., Nguyen, P. D., & Chien, T. M. (2018). Nonlinear Dynamic Response of Functionally Graded Porous Plates on Elastic Foundation Subjected to Thermal and Mechanical Loads. *Journal of Applied and Computational Mechanics*, 4(4), 245-259. doi:10.22055/jacm.2018.23219.1151
178. Duc, N. D., Seung-Eock, K., & Chan, D. Q. (2018). Thermal buckling analysis of FGM sandwich truncated conical shells reinforced by



- FGM stiffeners resting on elastic foundations using FSDT. *Journal of Thermal Stresses*, 41(3), 331-365. doi:10.1080/01495739.2017.1398623
179. Duc, N. D., Anh, V. M., et al. (2018). Nonlinear dynamic response and vibration of nanocomposite multilayer organic solar cell. *Composite Structures*, 184, 1137-1144. doi:10.1016/j.compstruct.2017.10.064
180. Duc, N. D., Doan, D. H., et al. (2018) On the buckling behavior of multi-cracked FGM plates. In: Vol. PartF3. *Lecture Notes in Mechanical Engineering* (pp. 29-45): Pleiades Publishing.
181. Duc, N. H. (2018). ISAMMA 2017 Chairman's Preface. *Ieee Transactions on Magnetics*, 54(6), 1. doi:10.1109/tmag.2018.2832499
182. Duc, T. H., Kinoshita, I., et al. (2018). Early life stages and habitats of Ayu *Plecoglossus altivelis* (Temminck and Schlegel 1846) from two river-estuary systems in Vietnam. *Asian Fisheries Science*, 31(1), 1-16.
183. Dũng, D. (2018). B-Spline Quasi-Interpolation Sampling Representation and Sampling Recovery in Sobolev Spaces of Mixed Smoothness. *Acta Mathematica Vietnamica*, 43(1), 83-110. doi:10.1007/s40306-017-0230-3
184. Dũng, D., Griebel, M., et al. (2018).  $\epsilon$ -dimension in infinite dimensional hyperbolic cross approximation and application to parametric elliptic PDEs. *Journal of Complexity*, 46, 66-89. doi:10.1016/j.jco.2017.12.001
185. Dung, D. T. M., Hai, P. T., et al. (2018). Novel hydroxamic acids incorporating 1-((1H-1,2,3-Triazol-4-yl)methyl)-3-hydroxyimino-indolin-2-ones: synthesis, biological evaluation, and SAR analysis. *Journal of Chemical Sciences*, 130(6), 13. doi:10.1007/s12039-018-1472-x
186. Dung, D. V., Anh, L. T. N., & Hoa, L. K. (2018). Analytical investigation on the free vibration behavior of rotating FGM truncated conical shells reinforced by orthogonal eccentric stiffeners. *Mechanics of Advanced Materials and Structures*, 25(1), 32-46. doi:10.1080/15376494.2016.1255807
187. Dung, H. C., Thanh, P. T. K., et al. (2018). Local government involvement in small tourism firms investment: The case of Phu Tho Province, Vietnam. *Economics and Sociology*, 11(2), 97-111. doi:10.14254/2071-789X.2018/11-2/7
188. Dung, L. V., Son, T. C., & Yen, N. T. H. (2018). Weak Laws of Large Numbers for sequences of random variables with infinite  $r$ th moments. *Acta Mathematica Hungarica*, 156(2), 408-423. doi:10.1007/s10474-018-0865-0
189. Dung, N. V., BichThuy, D. T., & NgocThang, N. (2018). Economic and non-economic determinants of FDI inflows in Vietnam: a sub-national analysis. *Post-Communist Economies*. *Post-Communist Economies*, 30(5), 693-712. doi:10.1080/14631377.2018.1458458
190. Dung, S. C., Quoc, K. P., & Van, D. T. (2018). Development and evaluation of surface electrocardiogram in the septal accessory pathway localization in typical Wolff-Parkinson-White syndrome. *Biomedical Research and Therapy*, 5(9), 2680-2687. doi:10.15419/bmrat.v5i9.479
191. Duoc, T. V. (2018). NAVIER-STOKES-OSEEN FLOWS IN THE EXTERIOR OF A ROTATING AND TRANSLATING OBSTACLE. *Discrete and Continuous Dynamical Systems*, 38(7), 3387-3405. doi:10.3934/dcds.2018145
192. Duoc, T. V., & Huy, N. T. (2018). STABLE AND CENTER-STABLE MANIFOLDS OF ADMISSIBLE CLASSES FOR PARTIAL FUNCTIONAL DIFFERENTIAL EQUATIONS. *Journal of Integral Equations and Applications*, 30(4), 543-575. doi:10.1216/jje-2018-30-4-543
193. Duong, T. H., Ha, X. P., et al. (2018). Sanctis A-C: Three Racemic Procyanidin Analogues from The Lichen *Parmotrema sancti-angelii*. *European Journal of Organic Chemistry*(19), 2247-2253. doi:10.1002/ejoc.201800202
194. Eguchi, Kim Trang, P. T., Viet, P. H., et al. (2018). Alterations in urinary metabolomic profiles due to lead exposure from a lead-acid battery recycling site. *Environmental Pollution*, 242, 98-105. doi:10.1016/j.envpol.2018.06.071
195. Elvidge, C. D., Hung, B. Q., et al. (2018). Rating the effectiveness of fishery closures with visible infrared imaging Radiometer Suite Boat detection data. *Frontiers in Marine Science*, 5(APR). doi:10.3389/fmars.2018.00132
196. Fan, P., Nguyen, T. T. H., et al. (2018). Urbanization, economic development, environmental and social changes in transitional economies: Vietnam after Doimoi. *Landscape and Urban Planning*. doi:10.1016/j.landurbplan.2018.10.014
197. Faure, M., Nguyen, V., et al. (2018). Early Paleozoic or Early-Middle Triassic collision between the South China and Indochina Blocks: The controversy resolved ? Structural insights from the Kon Tum massif (Central Vietnam). *Journal of Asian Earth Sciences*, 166, 162-180. doi:10.1016/j.jseaes.2018.07.015
198. Fox, J., Nghiem, T., et al. (2018). Large-Scale Land Concessions, Migration, and Land Use: The Paradox of Industrial Estates in the Red River Delta of Vietnam and Rubber Plantations of Northeast Cambodia. *Land*, 7(2), 17. doi:10.3390/land7020077
199. Ghimire, J., Vu, K. C., & Thuy, H. N. T. (2018) Resilience Concepts and Planning Realities: How Quy Nhon Is Becoming a Resilient City by Integrating Climate Change Adaptation into Master Plans? In: Vol. 65 (pp. 129-146): Springer Verlag.
200. Gian Quoc, A., Duc-Tan, T., et al. (2018). Flexible configuration of wireless sensor network for monitoring of rainfall-induced landslide. *Indonesian Journal of Electrical Engineering and Computer Science*, 12(3), 1030-1036. doi:10.11591/ijeecs.v12.i3.pp1030-1036
201. Giang, P. M., & Otsuka, H. (2018). New Compounds and Potential Candidates for Drug Discovery from Medicinal Plants of Vietnam. *Chemical & Pharmaceutical Bulletin*, 66(5), 493-505.

202. Giap, C. N., Son, L. H., & Chiclana, F. (2018). Dynamic structural neural network. *Journal of Intelligent & Fuzzy Systems*, 34(4), 2479-2490. doi:10.3233/jifs-171947
203. Ha, H. M., Hoa, T. T. Q., et al. (2018). Radiative transition dynamics of holmium ions-doped LaF<sub>3</sub> nanocrystals. *Journal of Materials Science-Materials in Electronics*, 29(2), 1607-1613. doi:10.1007/s10854-017-8071-3
204. Ha, M. N., Wang, L., & Zhao, Z. (2018). Doping effects on mixed-phase crystalline perovskite A<sub>x</sub>Sr<sub>1-x</sub>FeO<sub>3-δ</sub> (A = Pr, Sm; 0 ≤ x ≤ 0.8) nanoparticles and their application for photodegradation of rhodamine B. *Research on Chemical Intermediates*. doi:10.1007/s11164-018-3676-6
205. Ha, P. (2018). Spectral Characterizations of Solvability and Stability for Delay Differential-Algebraic Equations. *Acta Mathematica Vietnamica*, 43(4), 715-735. doi:10.1007/s40306-018-0279-7
206. Ha, Q. M., Deville, Y., et al. (2018). On the min-cost Traveling Salesman Problem with Drone. *Transportation Research Part C-Emerging Technologies*, 86, 597-621. doi:10.1016/j.trc.2017.11.015
207. Ha, Q. T., Nguyen, L. A., et al. (2018) Fuzzy Bisimulations in Fuzzy Description Logics Under the Gödel Semantics. In: Vol. 11103 LNAI (pp. 559-571): Springer Verlag.
208. Ha, Q. T., Pham, T. N., et al. (2018) A new text semi-supervised multi-label learning model based on using the label-feature relations. In: Vol. 11055 LNAI (pp. 403-413): Springer Verlag.
209. Ha, Q. T., Pham, T. N., et al. (2018). New Lifelong Topic Modeling Method and Its Application to Vietnamese Text Multi-label Classification. In N. T. Nguyen, D. H. Hoang, T. P. Hong, H. Pham, & B. Trawinski (Eds.), *Intelligent Information and Database Systems, Aciids 2018, Pt I* (Vol. 10751, pp. 200-210). Cham: Springer International Publishing Ag.
210. Ha, T. B., Le, H. T., et al. (2018). Electro-Immobilization of Acetylcholinesterase Using Polydopamine for Carbaryl Microsensor. *Journal of Electronic Materials*, 47(2), 1686-1693. doi:10.1007/s11664-017-5880-3
211. Ha, V. T. T., Hung, V. V., et al. (2018). Investigation of thermodynamic and mechanical properties of Al<sub>y</sub>In<sub>1-y</sub>P alloys by statistical moment method. *Physica B-Condensed Matter*, 532, 76-79. doi:10.1016/j.physb.2017.06.017
212. Hai, N. X., Huan, N. H., et al. (2018). Sustainable sloping land used models in Mai Son District, Son La Province, Vietnam. *ARPN Journal of Engineering and Applied Sciences*, 13(13), 4142-4146.
213. Hampton, Long, P. H., et al. (2018). Can Tourism Promote Inclusive Growth? Supply Chains, Ownership and Employment in Ha Long Bay, Vietnam. *Journal of Development Studies*, 54(2), 359-376. doi:10.1080/00220388.2017.1296572
214. Hanh, P. T. M., Nghi, D. T., et al. (2018). The status and distribution of PCBs along the coast of Vietnam. *Environmental Geochemistry and Health*. doi:10.1007/s10653-018-0168-y
215. Hao, P. V., Xuan, C. T., et al. (2018). Detection analysis limit of nonlinear characteristics of DNA sensors with the surface modified by polypyrrole nanowires and gold nanoparticles. *Journal of Science-Advanced Materials and Devices*, 3(2), 129-138. doi:10.1016/j.jsamd.2018.04.002
216. Hemanth, Son, L. H., et al. (2018). Diabetic Retinopathy Diagnosis from Retinal Images Using Modified Hopfield Neural Network. *Journal of Medical Systems*, 42(12), 6. doi:10.1007/s10916-018-1111-6
217. Hien, H. T., Marchand, et al. (2018). Belowground carbon sequestration in a mature planted mangroves (Northern Viet Nam). *Forest Ecology and Management*, 407, 191-199. doi:10.1016/j.foreco.2017.06.057
218. Hien, T. D., Thanh, B. T., & Quynh Giang, N. T. (2018). Uncertainty qualification for the free vibration of a functionally graded material plate with uncertain mass density.
219. Hieu, D. T., Park, E. J., et al. (2018). Quinazoline-Based Hydroxamic Acids: Design, Synthesis, and Evaluation of Histone Deacetylase Inhibitory Effects and Cytotoxicity. *Chemistry & Biodiversity*, 15(6), 13. doi:10.1002/cbdv.201800027
220. Hieu, D. V. (2018). New extragradient method for a class of equilibrium problems in Hilbert spaces. *Applicable Analysis*, 97(5), 811-824. doi:10.1080/00036811.2017.1292350
221. Hieu, D. V. (2018). Projected subgradient algorithms on systems of equilibrium problems. *Optimization Letters*, 12(3), 551-566. doi:10.1007/s11590-017-1127-8
222. Hieu, N., Hens, L., et al. (2018). Sustainable livelihoods development by utilization of geomorphological resources in the Bai Tu Long Bay, Quang Ninh Province, Vietnam. *Environment Development and Sustainability*, 20(6), 2463-2485. doi:10.1007/s10668-017-9999-4
223. Hoai, T. T., Oanh, N. K., & Hai, P. T. T. (2018). Autonomy in teaching curriculum development at Vietnam National University, Hanoi: Current situation and solutions. *Journal of Institutional Research South East Asia*, 16(1), 95-111.
224. Hoang, D. T., Chernomor, O., et al. (2018). UFBoot2: Improving the Ultrafast Bootstrap Approximation. *Molecular Biology and Evolution*, 35(2), 518-522. doi:10.1093/molbev/msx281

225. Hoang, D. T., Vinh, L. S., et al. (2018). MPBoot: fast phylogenetic maximum parsimony tree inference and bootstrap approximation. *Bmc Evolutionary Biology*, 18, 11. doi:10.1186/s12862-018-1131-3
226. Hoang, H., Hori, T., et al. (2018). Investigation on solution-processed In-Si-O thin-film transistor via spin-coating method.
227. Hoang, H. D., Janke, J., et al. (2018). Synthesis of furo[3,2-b:4,5-b']diindoles and their optical and electrochemical properties. *Organic and Biomolecular Chemistry*, 16(35), 6543-6551. doi:10.1039/c8ob01737a
228. Hoang, H. T., Nguyen, T. T., & Reynolds, J. F., II. (2018). Buddhism-based charity, philanthropy, and social work: A lesson from Vietnam. *International Social Work*. doi:10.1177/0020872818767257
229. Hoang, H. T., Pham, D. T., & Nguyen, D. D. (2018). Innovation practices at Vietnamese manufacturers: the impacts of innovation on profitability and growth. *Economics Bulletin*, 38(3), 1457-1466.
230. Hoang, H. T. T., Hens, L., et al. (2018). Multicriteria Evaluation of Tourism Potential in the Central Highlands of Vietnam: Combining Geographic Information System (GIS), Analytic Hierarchy Process (AHP) and Principal Component Analysis (PCA). *Sustainability*, 10(9), 20. doi:10.3390/su10093097
231. Hoang, N. L. H., Luu, M. Q., et al. (2018). Influence of Ag on the properties of Ag combined Nb-doped TiO<sub>2</sub> (TNO) thin films deposited by a co-sputtering process. *Indian Journal of Physics*, 92(11), 1413-1418. doi:10.1007/s12648-018-1245-x
232. Hoang, N. N., Pham, D. T., & Yamamoto, T. (2018). Special issue on "Frontiers in Materials Science: Condensed matters" Preface. *Physica B-Condensed Matter*, 532, 1-1. doi:10.1016/j.physb.2018.02.014
233. Hoang, T. T. H., Van Rompaey, A., et al. (2018). Impact of tourism development on the local livelihoods and land cover change in the Northern Vietnamese highlands. *Environment, Development and Sustainability*. doi:10.1007/s10668-018-0253-5
234. Hoang, V. T., Ngo, T. A., et al. (2018). Hydrogen production by newly isolated *Clostridium* species from cow rumen in pure- and co-cultures on a broad range of carbon sources. *Aims Energy*, 6(5), 846-865. doi:10.3934/energy.2018.5.846
235. Hoang, V. V., Ochi, T., et al. (2018). Nisin-induced expression of recombinant T cell epitopes of major Japanese cedar pollen allergens in *Lactococcus lactis*. *Applied Microbiology and Biotechnology*, 102(1), 261-268. doi:10.1007/s00253-017-8579-8
236. Hoangvan, X. (2018). Improving SHVC performance with a block based joint layer prediction solution.
237. HoangVan, X., & Ieee. (2018). Improving SHVC Performance with a Block based Joint Layer Prediction Solution. In 2018 International Workshop on Advanced Image Technology. New York: Ieee.
238. HoangVan, X., & Jeon, B. (2018). Joint Layer Prediction for Improving SHVC Compression Performance and Error Concealment. *IEEE Transactions on Broadcasting*. doi:10.1109/TBC.2018.2881355
239. Hong, N. K. D., Toan, N. D., et al. (2018). Rubber seed oil: Properties, uses and benefits. In *Seed Oil: Production, Uses and Benefits* (pp. 189-214): Nova Science Publishers, Inc.
240. Hong, P. L., Minh, T. L., & Hoang, Q. P. (2018). On a three dimensional Cauchy problem for inhomogeneous Helmholtz equation associated with perturbed wave number. *Journal of Computational and Applied Mathematics*, 335, 86-98. doi:10.1016/j.cam.2017.11.042
241. Huan, L. C., Truc, L. C., et al. (2018). N-(E)-Arylidene-2-(2,3-dihydro-3-oxo-4H-1,4-benzoxazin-4-yl)-acetohydr azides: Synthesis and Evaluation of Caspase Activation Activity and Cytotoxicity. *Chemistry & Biodiversity*, 15(10), 12. doi:10.1002/cbdv.201800322
242. Huang, N. T., & Gammeltoft, T. M. (2018). "A Combination of Imagination and Observation": Medical Anthropology in Vietnam since the 1990s. *American Anthropologist*, 120(3), 570-573.
243. Huang, Y., Pham, T. D., et al. (2018). Charging and aggregation behavior of silica particles in the presence of lysozymes. *Colloid and Polymer Science*, 296(1), 145-155. doi:10.1007/s00396-017-4226-2
244. Hue, C. T. M., Hanh, D. D., et al. (2018). USL: A Domain-Specific Language for Precise Specification of Use Cases and Its Transformations. *Informatica-Journal of Computing and Informatics*, 42(3), 325-343. doi:10.31449/inf.v42i3.2253
245. Hue, H. T. T., Pradit, S., et al. (2018). PHYSICAL PROPERTIES OF THREE SONGKHLA LAGOON FISH SPECIES IN THE LOWER GULF OF THAILAND DURING AND AFTER THE MONSOON SEASON. *Applied Ecology and Environmental Research*, 16(5), 6113-6127. doi:10.15666/aeer/1605\_61136127
246. Hue, H. T. T., Pradit, S., et al. (2018). SHRIMP AND FISH CATCH LANDING TRENDS IN SONGKHLA LAGOON, THAILAND DURING 2003-2016. *Applied Ecology and Environmental Research*, 16(3), 3061-3078. doi:10.15666/aeer/1603\_30613078
247. Hue, N. T., Binh, N. T., & Tuan, N. A. (2018). Interaction of arachidic acid langmuir monolayers with trivalent ions La<sup>3+</sup> and Fe<sup>3+</sup> studied by vibrational sum-frequency spectroscopy. *Materials Transactions*, 59(7), 1087-1090. doi:10.2320/matertrans.MD201708
248. Hue, N. T. M., Van Thuong, N., et al. (2018). Site-specific bioaccumulation of polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans (PCDD/PCDFs) in mothers and their infants living in vicinity of Bien Hoa airbase, Southern Vietnam. *Environmental Geochemistry*

and Health, 40(6), 2539-2549. doi:10.1007/s10653-018-0118-8

249. Hung, P. P., Dat, T. T., et al. (2018). Effect of Annealing Temperature on Structural, Optical and Visible-Light Photocatalytic Properties of NiTiO<sub>3</sub> Nanopowders. *Journal of Electronic Materials*, 47(12), 7301-7308. doi:10.1007/s11664-018-6668-9

250. Hung, V. V., Ha, V. T. T., et al. (2018). Pressure and composition dependence of thermodynamic properties of zinc-blende AlyGa1-yAs alloy. *European Physical Journal Plus*, 133(10), 8. doi:10.1140/epjp/i2018-12246-0

251. Hung, V. V., Linh, T. X., et al. (2018). Investigation of elastic moduli and constants of zinc-blende AlyGa1-yAs alloy by statistical moment method. *European Physical Journal B*, 91(2), 6. doi:10.1140/epjb/e2018-80540-0

252. Huong, L. T. T., Thuyet, N. T. M., et al. (2018). Alternative approaches used to assess structural changes of natural zircon caused by heat treatment. *Physica B-Condensed Matter*, 532, 42-47. doi:10.1016/j.physb.2017.03.007

253. Huu, T. N., Trieu, D. D., et al. (2018). Base Layer Constrained Error Concealment Solutions for Robust SHVC Video Transmission. In *2018 International Workshop on Advanced Image Technology*. New York: Ieee.

254. Huy, L. D., Sassa, K., et al. (2018). TXT-tool 3.081-1.4 initiation mechanism of rapid and long run-out landslide and simulation of hiroshima landslide disasters using the integrated simulation model (LS-rapid). In *Landslide Dynamics: ISDR-ICL Landslide Interactive Teaching Tools (Vol. 2, pp. 149-168)*: Springer International Publishing.

255. Huy, P. T., & Takahashi, K. (2018). Determinants of psychological contract breach: an empirical study of Vietnamese employees. *Management Research Review*, 41(1), 29-45. doi:10.1108/mrr-11-2016-0244

256. Huy, V. N., Rodrigues, M. M., & Tuan, N. M. (2018). Norm Estimates and Uncertainty Principles Associated with the Laguerre Integral Transform. *Complex Analysis and Operator Theory*, 12(3), 683-704. doi:10.1007/s11785-017-0736-7

257. Irsyad, A. R., Duc, D. H., et al. (2018). Numerical Study of Heat Transfer and Chemical Kinetics of Solar Thermochemical Reactor for Hydrogen Production. In Y. S. Indartono, P. Prawisudha, P. L. Sambegoro, & A. R. Irahma (Eds.), *International Conference on Thermal Science and Technology (Vol. 1984)*. Melville: Amer Inst Physics.

258. Kapoor, R., Son, L. H., et al. (2018). New scheme for underwater acoustically wireless transmission using direct sequence code division multiple access in MIMO systems. *Wireless Networks*, 1-13. doi:10.1007/s11276-018-1750-z

259. Kapoor, R., Son, L. H., et al. (2018). Boosting performance of power quality event identification with KL Divergence measure and standard deviation. *Measurement*, 126, 134-142. doi:10.1016/j.measurement.2018.05.053

260. Kapoor, R., Son, L. H., et al. (2018). Detection of Power Quality Event using Histogram of Oriented Gradients and Support Vector Machine. *Measurement*, 120, 52-75. doi:10.1016/j.measurement.2018.02.008

261. Kasereka, S., Yengo, M. V., et al. (2018). Agent-Based Modelling and Simulation for evacuation of people from a building in case of fire.

262. Kato, M., Henry, A., Graham, S., Doan, D. H., & Fushinobu, K. (2018). Molecular dynamics simulation of oxygen transport characteristics in the electrolyte membrane of PEMFC. *International Journal of Numerical Methods for Heat & Fluid Flow*, 28(2), 289-296. doi:10.1108/hff-10-2016-0430

263. Kha, D. D., Nhu, N. Y., & Anh, T. N. (2018). An Approach for Flow Forecasting in Ungauged Catchments - A Case Study for Ho Ho reservoir catchment, Ngan Sau River, Central Vietnam. *Journal of Ecological Engineering*, 19(3), 74-79. doi:10.12911/22998993/85759

264. Khan, M., Son, L. H., et al. (2018). Systematic Review of Decision Making Algorithms in Extended Neutrosophic Sets. *Symmetry-Basel*, 10(8), 26. doi:10.3390/sym10080314

265. Khanh, P. C. P., Long, T. T., et al. (2018). Performance evaluation of a multi-stage classification for cow behavior.

266. Khanh, T. Q. P. D. I. h., et al. (2018). Colour preference, naturalness, vividness and colour quality metrics, Part 4: Experiments with still life arrangements at different correlated colour temperatures. *Lighting Research and Technology*, 50(6), 862-879. doi:10.1177/1477153517700705

267. Khuat, T. H., Do, T. T., et al. (2018). The Dark Side of Female HIV Patient Care: Sexual and Reproductive Health Risks in Pre- and Post-Clinical Treatments. *Journal of Clinical Medicine*, 7(11), 19. doi:10.3390/jcm7110402

268. Kieu-Thi, X., Kitoh, A., et al. (2018). Rainfall and tropical cyclone activity over Vietnam simulated and projected by the non-hydrostatic regional climate model – NHRCM. *Journal of the Meteorological Society of Japan*, 94A, 135-150. doi:10.2151/jmsj.2015-057

269. Kizirian, D., Truong, N. Q., et al. (2018). Parahelicops, Pararhabdophis, Paraphyly: Phylogenetic Relationships among Certain Southeast Asian Natricine Snakes (Hebius). *American Museum Novitates*(3906), 1-7. doi:10.1206/3906.1

270. Koh, D., Pham, T., (2018). Expansion for the product of matrices in groups. *Forum Mathematicum*. doi:10.1515/forum-2018-0063

271. Kumar, P., Le, P. V. V., et al. (2018). Critical transition in critical zone of intensively managed landscapes. *Anthropocene*, 22, 10-19. doi:10.1016/j.ancene.2018.04.002

272. Kumar, R., Son, L. H., et al. (2018). Spatial data analysis using association rule mining in distributed environments: a privacy prospect.

Spatial Information Research, 26(6), 629-638. doi:10.1007/s41324-018-0207-x

273. Kurina, G. A., & Hoai, N. T. (2018). Projector Approach for Constructing the Zero Order Asymptotic Solution for the Singularly Perturbed Linear-Quadratic Control Problem in a Critical Case. In A. Ashyralyev, A. Lukashov, & M. Sadybekov (Eds.), *International Conference on Analysis and Applied Mathematics* (Vol. 1997). Melville: Amer Inst Physics.

274. Lam, N. M., Thuy, D. T., et al. (2018). Investigation of fabrication of Mn-Ga-Al/Fe-Co nanocomposite hard magnetic materials. *Advances in Natural Sciences: Nanoscience and Nanotechnology*, 9(2). doi:10.1088/2043-6254/aac42d

275. Lan, V. T. T., Son, H. V., et al. (2018). Methylation profiles of MIR34 gene family in Vietnamese patients suffering from breast and lung cancers. *Molecular Medicine Reports*, 18(2), 2476-2484. doi:10.3892/mmr.2018.9182

276. Lasko, K., Vadrevu, K. P., & Nguyen, T. T. N. (2018). Analysis of air pollution over Hanoi, Vietnam using multi-satellite and MERRA reanalysis datasets. *Plos One*, 13(5), 21. doi:10.1371/journal.pone.0196629

277. Le, A. T. T., Kasahara, T., & Vudhivanich, V. (2018). Seasonal Variation and Retention of Ammonium in Small Agricultural Streams in Central Thailand. *Environments*, 5(7), 14. doi:10.3390/environments5070078

278. Le, D. T., Le, T. T., & Cahill, L. W. (2018). Optical Signal Processing Based on 4×4 Multimode Interference Structures.

279. Le, G., Ngo, Q. T., et al. (2018). High Catalytic Activity of Phenol Photodegradation from Aqueous Solution with Novel Fe-Fe<sub>3</sub>O<sub>4</sub>-GO Nanocomposite. *Journal of Materials Engineering and Performance*, 27(8), 4225-4234. doi:10.1007/s11665-018-3496-2

280. Le, H., & Safavi-Naini, R. (2018). On de-anonymization of single tweet messages.

281. Le, H. A., Bui, A. T., & Truong, N. T. (2018). An Approach to Modeling and Estimating Power Consumption of Mobile Applications. *Mobile Networks and Applications*. doi:10.1007/s11036-018-1138-4

282. Le, H. A., Truong, N. T., & Nanthamornphong, A. (2018). A Model-Based Method for Modeling and Verifying Event-Based Aspect-Oriented Applications. In T. Theeramunkong, A. M. J. Skulimowski, T. Yuizono, & S. Kunifuji (Eds.), *Recent Advances and Future Prospects in Knowledge, Information and Creativity Support Systems* (Vol. 685, pp. 281-289). Cham: Springer International Publishing Ag.

283. Le, H. N. T., Imamura, K., et al. (2018). Production of biodiesel from Vernicia montana Lour. oil using a co-solvent method and the subsequent evaluation of its stability during storage. *Green Processing and Synthesis*, 7(2), 170-179. doi:10.1515/gps-2016-0215

284. Le, H. N. T., Imamura, K., et al. (2018). Biodiesel Production from Rubber Seed Oil by Transesterification Using a Co-solvent of Fatty Acid Methyl Esters. *Chemical Engineering & Technology*, 41(5), 1013-1018. doi:10.1002/ceat.201700575

285. Le, P. V. V., Kumar, P., & Ruiz, M. O. (2018). Stochastic lattice-based modelling of malaria dynamics. *Malaria Journal*, 17, 17. doi:10.1186/s12936-018-2397-z

286. Le, Q. T. (2018). Motivic Milnor Fibers of Plane Curve Singularities. *Vietnam Journal of Mathematics*, 46(3), 493-506. doi:10.1007/s10013-017-0250-2

287. Le, Q. T. (2018). The motivic Thom-Sebastiani theorem for regular and formal functions. *Journal Fur Die Reine Und Angewandte Mathematik*, 735, 175-198. doi:10.1515/crelle-2015-0022

288. Lê, Q. T. (2018). Alexander polynomials of complex projective plane curves. *Bulletin of the Australian Mathematical Society*, 97(3), 386-395. doi:10.1017/S0004972717001198

289. Le, T., Son, L. H., Vo, M. T., Lee, M. Y., & Baik, S. W. (2018). A Cluster-Based Boosting Algorithm for Bankruptcy Prediction in a Highly Imbalanced Dataset. *Symmetry-Basel*, 10(7), 12. doi:10.3390/sym10070250

290. Le, T. A., Nguyen, C. T., Bui, V. L., & Lakosi, L. (2018). Relative efficiency calibration for determining isotopic composition and age of HEU items by passive non-destructive gamma spectrometry. *Applied Radiation and Isotopes*, 142, 220-226. doi:10.1016/j.apradiso.2018.09.023

291. Le, T. H., Le, T. S., et al. (2018). Hierarchical nanorod-based TiO<sub>2</sub> microspheres for superior electrochemical energy storage. *Journal of Electroanalytical Chemistry*, 820, 32-40. doi:10.1016/j.jelechem.2018.04.052

292. Le, T. H., Le, T. S., & Truong, Q. D. (2018). Synthesis of Europium-doped Yttrium Picolinate Microspheres and Photoluminescence Properties. *Colloid and Interface Science Communications*, 24, 68-74. doi:10.1016/j.colcom.2018.04.002

293. Le, T. T. (2018). Cascaded multimode interference-based microresonators for multiple Fano resonance engineering. *Optical Engineering*, 57(11), 7. doi:10.1117/1.Oe.57.11.117102

294. Le, T. T. (2018). Electromagnetically Induced Transparency (EIT) Like Transmission Based on 3 x 3 Cascaded Multimode Interference Resonators. *Micromachines*, 9(8), 10. doi:10.3390/mi9080417

295. Le, T. T. (2018). Highly sensitive sensor based on 4x4 multimode interference coupler with microring resonators. *Journal of Optoelectronics and Advanced Materials*, 20(5-6), 264-270.

296. Lee, L. H., Nguyen, M. N., et al. (2018). Sustainable approach to biotransform industrial sludge into organic fertilizer via vermicomposting:



a mini-review. *Journal of Chemical Technology and Biotechnology*, 93(4), 925-935. doi:10.1002/jctb.5490

297. Lefebvre, J. P., Mari, X., & Chu, T. V. (2018). A laboratory study on the generation of estuarine negatively, neutrally and positively buoyant bio-mediated flocs. *Estuarine Coastal and Shelf Science*, 208, 180-190. doi:10.1016/j.ecss.2018.05.005

298. Le-Thi-Thu, N., Nguyen-Tan, K., & Nguyen-Thanh, T. (2018) Reconstructing B-patch surfaces using inverse loop subdivision scheme. In: Vol. 672 (pp. 645-654): Springer Verlag.

299. Linh, P. H., Lee, I. J., et al. (2018). Dextran coated magnetite high susceptibility nanoparticles for hyperthermia applications. *Journal of Magnetism and Magnetic Materials*, 460, 128-136. doi:10.1016/j.jmmm.2018.03.065

300. Linh, V. H., & Nga, N. T. T. (2018). Bohl–Perron Type Stability Theorems for Linear Singular Difference Equations. *Vietnam Journal of Mathematics*, 46(3), 437-451. doi:10.1007/s10013-017-0245-z

301. Linh, V. H., Nga, N. T. T., & Thuan, D. D. (2018). EXPONENTIAL STABILITY AND ROBUST STABILITY FOR LINEAR TIME-VARYING SINGULAR SYSTEMS OF SECOND ORDER DIFFERENCE EQUATIONS. *Siam Journal on Matrix Analysis and Applications*, 39(1), 204-233. doi:10.1137/16m1104548

302. Linh, V. H., & Truong, N. D. (2018). Runge-kutta methods revisited for a class of structured strangeness-free differential-algebraic equations. *Electronic Transactions on Numerical Analysis*, 48, 131-155. doi:10.1553/etna\_vol48s131

303. Liu, B., Quan, N. T., et al. (2018). Determination of optimal dose of allylthiourea (ATU) for the batch respirometric test of activated sludge. *Water Science and Technology*, 77(12), 2876-2885. doi:10.2166/wst.2018.282

304. Liu, B., Quan, N. T., et al. (2018). High nitrite concentration accelerates nitrite oxidising organism's death. *Water Science and Technology*, 77(12), 2812-2822. doi:10.2166/wst.2018.272

305. Loan, T. T., Huong, V. H., et al. (2018). Effect of zinc doping on the bandgap and photoluminescence of Zn<sup>2+</sup>-doped TiO<sub>2</sub> nanowires. *Physica B-Condensed Matter*, 532, 210-215. doi:10.1016/j.physb.2017.05.027

306. Long, H. V., Ali, M., et al. (2018). A novel approach for fuzzy clustering based on neutrosophic association matrix. *Computers and Industrial Engineering*. doi:10.1016/j.cie.2018.11.007

307. López-Realpozo, Chi-Vinh, P., et al. (2018). Analysis of mechanical and electrical imperfect contacts in piezoelectric composites. *Mechanics Research Communications*, 93, 96-102. doi:10.1016/j.mechrescom.2017.11.001

308. Louati, A., Son, L. H., & Chabchoub, H. (2018). Smart routing for municipal solid waste collection: a heuristic approach. *Journal of Ambient Intelligence and Humanized Computing*, 1-20. doi:10.1007/s12652-018-0778-3

309. Louis-Jean, J., Pham, C. T., et al. (2018). Structural and vibrational spectroscopic studies of hexafluororhenate (IV) salts. *Abstracts of Papers of the American Chemical Society*, 255, 1.

310. Louis-Jean, J., Pham, C. T., et al. (2018). Syntheses, Raman spectroscopy and crystal structures of alkali hexafluoridorhenates(IV) revisited. *Acta Crystallographica Section E-Crystallographic Communications*, 74, 646+. doi:10.1107/s2056989018005297

311. Lu, D. N., Nguyen, D. N., Nguyen, T. H., & Nguyen, H. N. (2018). Vehicle Mode and Driving Activity Detection Based on Analyzing Sensor Data of Smartphones. *Sensors*, 18(4), 25. doi:10.3390/s18041036

312. Lu, D. N., Tran, T. B., et al. (2018) Abnormal Behavior Detection Based on Smartphone Sensors. In: Vol. 217 (pp. 195-204): Springer Verlag.

313. Lund, B., Pham, T., & Vinh, L. (2018). Distinct spreads in vector spaces over finite fields. *Discrete Applied Mathematics*, 239, 154-158. doi:10.1016/j.dam.2017.12.027

314. Luo, P., Mu, D., Xue, H., et al. (2018). Flood inundation assessment for the Hanoi Central Area, Vietnam under historical and extreme rainfall conditions. *Scientific Reports*, 8(1). doi:10.1038/s41598-018-30024-5

315. Luong, L. M. T., Phung, D., et al. (2018). Seasonal association between ambient ozone and hospital admission for respiratory diseases in Hanoi, Vietnam. *Plos One*, 13(9), 15. doi:10.1371/journal.pone.0203751

316. Luong, L. M. T., Phung, D., et al. (2018). Effects of temperature on hospitalisation among pre-school children in Hanoi, Vietnam. *Environmental Science and Pollution Research*. doi:10.1007/s11356-018-3737-9

317. Luong, Q. H., Nguyen, M. C., et al. (2018). Complex Shear Modulus Estimation using Integration of LMS/AHI Algorithm. *International Journal of Advanced Computer Science and Applications*, 9(8), 584-589.

318. Luong, T. M., Castro, C. L., et al. (2018). Improvement in the Modeled Representation of North American Monsoon Precipitation Using a Modified Kain-Fritsch Convective Parameterization Scheme. *Atmosphere*, 9(1), 25. doi:10.3390/atmos9010031

319. Luu, H. M., Moelker, A., et al. (2018). Quantification of nonrigid liver deformation in radiofrequency ablation interventions using image registration. *Physics in Medicine and Biology*, 63(17), 12. doi:10.1088/1361-6560/aad706

320. Luu, M. H., Boulkhrif, H., et al. (2018) Registration evaluation by de-enhancing CT images. In: Vol. 10883 LNCS (pp. 83-93): Springer

Verlag.

321. Luu, Q. H., Wu, Q., Tkalic, P., & Chen, G. (2018). Global mean sea level rise during the recent warming hiatus from satellite-based data. *Remote Sensing Letters*, 9(5), 497-506. doi:10.1080/2150704x.2018.1437291
322. Luu, V. Q., Bonkowski, M., et al. (2018). A new species of *Lycodon* Boie, 1826 (Serpentes: Colubridae) from central Laos. *Revue Suisse de Zoologie*, 125(2), 263-276. doi:10.5281/zenodo.1414221
323. Luyen, T. V., & Giang, T. V. B. (2018). Null-Steering Beamformer Using Bat Algorithm. *Applied Computational Electromagnetics Society Journal*, 33(1), 23-29.
324. Mai, N. T., Tran, C. T., Lai, et al. (2018). Removal of iron from aqueous solution using phytolith-aided aggregation. *Journal of Water Process Engineering*, 25, 39-44. doi:10.1016/j.jwpe.2018.06.006
325. Mai, P. T. N., Huong, N. T. A., et al. (2018). History of vietnamese chemistry from decolonization to the 21st century. In *Igniting The Chemical Ring Of Fire: Historical Evolution Of The Chemical Communities Of The Pacific Rim* (pp. 429-446): World Scientific Publishing Co. Pte. Ltd.
326. Mai, P. T. N., Thuong, N. V., et al. (2018). Distribution, accumulation profile, and risk assessment of polybrominated diphenyl ethers in sediment from lake and river systems in Hanoi Metropolitan Area, Vietnam. *Environmental Science and Pollution Research*, 25(8), 7170-7179. doi:10.1007/s11356-015-5235-7
327. Man, C. D., Nguyen, T. T., et al. (2018). Improvement of land-cover classification over frequently cloud-covered areas using Landsat 8 time-series composites and an ensemble of supervised classifiers. *International Journal of Remote Sensing*, 39(4), 1243-1255. doi:10.1080/01431161.2017.1399477
328. Matsuo, T., Nguyen, P. Q., et al. (2018). A Human Capital Development Model in Higher Engineering Professions.
329. Miao, J., Ha, M. N., et al. (2018). Preparation heterojunction structure of SrTiO<sub>3</sub>/TiO<sub>2</sub> nano-Pt loaded and photo-catalytic properties. *Cailiao Kexue yu Gongyi/Material Science and Technology*, 26(1), 16-23. doi:10.11951/j.issn.1005-0299.20170071
330. Minh, P. P., Do, T. V., et al. (2018). The stability of cracked rectangular plate with variable thickness using phase field method. *Thin-Walled Structures*, 129, 157-165. doi:10.1016/j.tws.2018.03.028
331. Minh, P. P., Van Do, T., et al. (2018). The stability of cracked rectangular plate with variable thickness using phase field method. *Thin-Walled Structures*, 129, 157-165. doi:10.1016/j.tws.2018.03.028
332. Mukunoki, T., Hoai, T. T., et al. (2018). Physical and mechanical properties of municipal solid waste incineration residues with cement and coal fly ash using X-ray Computed Tomography scanners. *Frontiers of Structural and Civil Engineering*. doi:10.1007/s11709-018-0502-6
333. Nam, V. H., Thi Phuong, N., & Huy Bich, D. (2018). Buckling analysis of parallel eccentrically stiffened functionally graded annular spherical segments subjected to mechanic loads. *Mechanics of Advanced Materials and Structures*, 1-10. doi:10.1080/15376494.2018.1487608
334. Neidhardt, H., Tram, P. T. K., et al. (2018). Biogeochemical phosphorus cycling in groundwater ecosystems – Insights from South and Southeast Asian floodplain and delta aquifers. *Science of the Total Environment*, 644, 1357-1370. doi:10.1016/j.scitotenv.2018.07.056
335. Neidhardt, H., Trang, P. T. K., et al. (2018). Insights into arsenic retention dynamics of Pleistocene aquifer sediments by in situ sorption experiments. *Water Research*, 129, 123-132. doi:10.1016/j.watres.2017.11.018
336. Nga, D. T., Duong, P. Q., et al. (2018). Two new oleanane-type saponins from *Elaeocarpus hainanensis* Oliv. growing in Vietnam. *Phytochemistry Letters*, 27, 174-177. doi:10.1016/j.phytol.2018.07.003
337. Nga, D. T., Thao, T. T., et al. (2018). Development of nutrient cycle through agricultural activities of a rural area in the North of Vietnam. *Journal of Material Cycles and Waste Management*, 20(1), 167-175. doi:10.1007/s10163-016-0557-1
338. Nga, N. K., Thuy Chau, N. T., & Viet, P. H. (2018). Facile synthesis of hydroxyapatite nanoparticles mimicking biological apatite from eggshells for bone-tissue engineering. *Colloids and Surfaces B: Biointerfaces*, 172, 769-778. doi:10.1016/j.colsurfb.2018.09.039
339. Ngan, R. T., Ali, M., & Son, L. H. (2018).  $\delta$ -equality of intuitionistic fuzzy sets: a new proximity measure and applications in medical diagnosis. *Applied Intelligence*, 48(2), 499-525. doi:10.1007/s10489-017-0986-0
340. Ngan, R. T., Cuong, B. C., Tuan, T. M., & Son, L. H. (2018) Medical Diagnosis from Images with Intuitionistic Fuzzy Distance Measures. In: Vol. 11103 LNAI (pp. 479-490): Springer Verlag.
341. Ngan, R. T., Son, L. H., et al. (2018). H-max distance measure of intuitionistic fuzzy sets in decision making. *Applied Soft Computing*, 69, 393-425. doi:10.1016/j.asoc.2018.04.036
342. Ngan, T. T., Lan, L. T. H., et al. (2018). Logic connectives of complex fuzzy sets. *Romanian Journal of Information Science and Technology*, 21(4), 344-357.
343. Ngo, D. T., Hoang, D. Q., et al. (2018). The microstructure, high performance magnetic hardness and magnetic after-effect of an alpha-FeCo/Pr<sub>2</sub>Fe<sub>14</sub>B nanocomposite magnet with low Pr concentration (vol 20, 165707, 2009). *Nanotechnology*, 29(38), 1. doi:10.1088/1361-6528/aacd52

344. Ngo, D. T., Duong, H. G., et al. (2018). Notice of Redundant Publication: The microstructure, high performance magnetic hardness and magnetic after-effect of an  $\alpha$ -FeCo/Pr<sub>2</sub>Fe<sub>14</sub>B nanocomposite magnet with low Pr concentration (Nanotechnology (2009) 20 (165707) DOI: 10.1088/1361-6528/aacd52). *Nanotechnology*, 29(39). doi:10.1088/1361-6528/aacd52
345. Ngo, D. T., Mahmud, M. S., et al. (2018). Crystallisation progress in Si-rich ultra-soft nanocomposite alloy fabricated by melt spinning (vol 322, pg 342, 2010). *Journal of Magnetism and Magnetic Materials*, 461, 132-132. doi:10.1016/j.jmmm.2018.04.009
346. Ngo, Q. A., Nguyen, V. H., & Phan, Q. H. (2018). A pointwise inequality for a biharmonic equation with negative exponent and related problems. *Nonlinearity*, 31(12), 5484-5499. doi:10.1088/1361-6544/aae173
347. Ngo, X. M. (2018). A sociocultural perspective on second language writing teacher cognition: A Vietnamese teacher's narrative. *System*, 78, 79-90. doi:10.1016/j.system.2018.08.002
348. Ngo, X. M. (2018). Sociopolitical contexts of efl writing assessment in Vietnam: Impact of a national project. In *The Politics of English Second Language Writing Assessment in Global Contexts* (pp. 47-59): Taylor and Francis.
349. Ngoc, V. T. N., Huong, L. T., et al. (2018). The higher prevalence of developmental defects of enamel in the dioxin-affected region than non-dioxin-affected region: result from a cross-sectional study in Vietnam. *Odontology*, 1-6. doi:10.1007/s10266-018-0358-1
350. Ngo-Thanh, H., Ngo-Duc, T., et al. (2018). A distinction between summer rainy season and summer monsoon season over the Central Highlands of Vietnam. *Theoretical and Applied Climatology*, 132(3-4), 1237-1246. doi:10.1007/s00704-017-2178-6
351. Nguyen, A. T., Tran, T. Q., et al. (2018). Housing satisfaction and its correlates: a quantitative study among residents living in their own affordable apartments in urban Hanoi, Vietnam. *International Journal of Urban Sustainable Development*, 10(1), 79-91. doi:10.1080/19463138.2017.1398167
352. Nguyen, A. T., Hens, L., et al. (2018). How do local communities adapt to climate changes along heavily damaged coasts? A Stakeholder Delphi study in Ky Anh (Central Vietnam). *Environment Development and Sustainability*, 20(2), 749-767. doi:10.1007/s10668-017-9908-x
353. Nguyen, D. D., & Pham, C. H. (2018). Nonlinear dynamic response and vibration of sandwich composite plates with negative Poisson's ratio in auxetic honeycombs. *Journal of Sandwich Structures and Materials*, 20(6), 692-717. doi:10.1177/1099636216674729
354. Nguyen, D. K., Tran Thi Van, A., & Phan, T. (2018). Child Custody and Family Labour Supply: Evidence from the United States. *Labour*, 32(1), 74-92. doi:10.1111/labr.12113
355. Nguyen, D. T. N., Okazaki, N., Nakayama, H., & Sakaeda, T. (2018). Pob: Toward reasoning patterns of beauty in image data.
356. Nguyen, H., Doan, T., & Tran, T. Q. (2018). The effect of various income sources on income inequality: a comparison across ethnic groups in Vietnam. *Environment, Development and Sustainability*, 1-22. doi:10.1007/s10668-018-0221-0
357. Nguyen, H. A., Matsui, Y., et al. (2018). EMPIRICAL STUDY ON THE ROLE OF COLLABORATION IN NEW PRODUCT DEVELOPMENT IN MANUFACTURING COMPANIES. *International Journal for Quality Research*, 12(2), 363-384. doi:10.18421/ijqr.12.02-05
358. Nguyen, H. C., & Ta, T. T. H. (2018). Exploring impact of accreditation on higher education in developing countries: a Vietnamese view. *Tertiary Education and Management*, 24(2), 154-167. doi:10.1080/13583883.2017.1406001
359. Nguyen, H. D., Cong, B. T., & Morikawa, Y. (2018). Effects of Surface Termination and Layer Thickness on Electronic Structures of LaNiO<sub>3</sub> Thin Films. *Journal of the Physical Society of Japan*, 87(11), 5. doi:10.7566/jpsj.87.114704
360. Nguyen, H. K., & Tran, X. T. (2018). A novel priority-driven arbiter for the router in reconfigurable Network-on-Chips.
361. Nguyen, H. Q., Van Nguyen, D., Fujiwara, A., & Trinh, B. N. Q. (2018). Solution-processed CuO thin films with various Cu<sup>2+</sup> ion concentrations. *Thin Solid Films*, 660, 819-823. doi:10.1016/j.tsf.2018.03.036
362. Nguyen, H. T. (2018). Gendered Vulnerabilities in Times of Natural Disasters: Male-to-Female Violence in the Philippines in the Aftermath of Super Typhoon Haiyan. *Violence Against Women*. doi:10.1177/1077801218790701
363. Nguyen, H. T., Nguyen, H., Nguyen, N. D., & Phan, A. C. (2018). Determinants of Customer Satisfaction and Loyalty in Vietnamese Life-Insurance Setting. *Sustainability*, 10(4), 16. doi:10.3390/su10041151
364. Nguyen, H. T., Nguyen, T. T. T., et al. (2018). Levels, profiles, and emission characteristics of chlorobenzenes in ash samples from some industrial thermal facilities in northern Vietnam. *Environmental Science and Pollution Research*. doi:10.1007/s11356-018-3591-9
365. Nguyen, H. T. T., Moir, M. P. I., et al. (2018). Health-related quality of life in elderly diabetic outpatients in Vietnam. *Patient Preference and Adherence*, 12, 1347-1354. doi:10.2147/ppa.S162892
366. Nguyen, L., Nguyen, V., et al. (2018). Low-complexity adaptive algorithms for robust subspace tracking. *IEEE Journal on Selected Topics in Signal Processing*. doi:10.1109/JSTSP.2018.2876626
367. Nguyen, L. H., Kakeda, S., et al. (2018). Relationship between VEGF-related gene polymorphisms and brain morphology in treatment-naïve patients with first-episode major depressive disorder. *European Archives of Psychiatry and Clinical Neuroscience*. doi:10.1007/s00406-018-0953-8

368. Nguyen, L. H., Tran, B. X., et al. (2018). Socio-economic disparities in attitude and preference for menu labels among vietnamese restaurant customers. *International Journal of Environmental Research and Public Health*, 15(3). doi:10.3390/ijerph15030460
369. Nguyen, M. H., Khuat, T. T. H., Nguyen, H. H., & Dinh, T. H. (2018). NiII, PdII Complexes with Pyrene-based Thiosemicarbazones: Syntheses, Molecular Structures, and Excimeric Emissions. *Zeitschrift für Anorganische und Allgemeine Chemie*. doi:10.1002/zaac.201800437
370. Nguyen, M. H., Pham, T. D., et al. (2018). Speciation Analysis of Arsenic Compounds by HPLC-ICP-MS: Application for Human Serum and Urine. *Journal of Analytical Methods in Chemistry*, 8. doi:10.1155/2018/9462019
371. Nguyen, M. H., Phan, A. C., & Matsui, Y. (2018). Contribution of Quality Management Practices to Sustainability Performance of Vietnamese Firms. *Sustainability*, 10(2), 31. doi:10.3390/su10020375
372. Nguyen, M. H., Phan, A. C., & Matsui, Y. (2018). Supply chain management in developing countries: Empirical evidence from Vietnamese manufacturing companies. *International Journal of Productivity and Quality Management*, 24(4), 566-584. doi:10.1504/IJPM.2018.093455
373. Nguyen, M. N., Margailan, A., et al. (2018). RAFT Polymerization of Tert-Butyldimethylsilyl Methacrylate: Kinetic Study and Determination of Rate Coefficients. *Polymers*, 10(2), 15. doi:10.3390/polym10020224
374. Nguyen, M. N., Nguyen, L. Q., et al. (2018). Z-axis tuning fork gyroscope having a controlled anti-phase and freestanding architecture: design and fabrication. *International Journal of Nanotechnology*, 15(1-3), 14-23.
375. Nguyen, M. N., Pham, Q. T., et al. (2018). Synthesis and characterization of random and block-random diblock silylated terpolymers via RAFT polymerization. *Asian Journal of Chemistry*, 30(5), 1125-1130. doi:10.14233/ajchem.2018.21217
376. Nguyen, M. T., Tran, D. V., et al. (2018). Exploiting User Posts for Web Document Summarization. *Acm Transactions on Knowledge Discovery from Data*, 12(4), 28. doi:10.1145/3186566
377. Nguyen, M. T. N. (2018). In a "half-dark, Half-light Zone": Mobility, Precarity, and Moral Ambiguity in Vietnam's Urban Waste Economy. *TRaNS: Trans-Regional and -National Studies of Southeast Asia*. doi:10.1017/trn.2018.11
378. Nguyen, M. T. T., Do, H. T., et al. (2018). The effectiveness of corrective feedback for the acquisition of L2 pragmatics: An eight month investigation. *Iral-International Review of Applied Linguistics in Language Teaching*, 56(3), 345-375. doi:10.1515/iral-2015-0059
379. Nguyen, N. K., Pham, T. D., & Vuong, M. P. (2018). Constructing 3-level foldover screening designs using cyclic generators. *Chemometrics and Intelligent Laboratory Systems*, 179, 92-98. doi:10.1016/j.chemolab.2018.06.006
380. Nguyen, N. T., Dang, B. T. N., et al. (2018). Spatial pattern assessment of tropical forest fire danger at Thuan Chau area (Vietnam) using GIS-based advanced machine learning algorithms: A comparative study. *Ecological Informatics*, 46, 74-85. doi:10.1016/j.ecoinf.2018.05.009
381. Nguyen, N. T., Bach, C. T., et al. (2018). Dynamical susceptibility and elementary excitations in monolayer ferroic films described by XZ Heisenberg model. *Materials Transactions*, 59(7), 1075-1080. doi:10.2320/matertrans.MD201714
382. Nguyen, T. A., Nguyen, T. V., et al. (2018). Microfluidic impedance biosensors for monitoring a single and multiple cancer cells in anticancer drug treatments.
383. Nguyễn, T. C. (2018). Algebraic EHP Sequences Revisited. *Proceedings of the Edinburgh Mathematical Society*. doi:10.1017/S0013091518000652
384. Nguyen, T. D. (2018). Do trade agreements increase Vietnam's exports to RCEP markets? *Asian-Pacific Economic Literature*, 32(1), 94-107. doi:10.1111/apel.12213
385. Nguyen, T. D., Le, H. B., et al. (2018). Determination of Fluoroquinolones in Pharmaceutical Formulations by Extractive Spectrophotometric Methods Using Ion-Pair Complex Formation with Bromothymol Blue. *Journal of Analytical Methods in Chemistry*, 11. doi:10.1155/2018/8436948
386. Nguyen, T. D., Nguyen, C. C., et al. (2018). Factors on the magnetic properties of the iron nanoparticles by classical Heisenberg model. *Physica B-Condensed Matter*, 532, 144-148. doi:10.1016/j.physb.2017.08.083
387. Nguyen, T. D., Nguyen, N. K., & Son, T. C. (2018). The Number of Cusps of Complete Riemannian Manifolds with Finite Volume. *Taiwanese Journal of Mathematics*, 22(6), 1403-1425. doi:10.11650/tjm/180604
388. Nguyen, T. H., Brochier, T., et al. (2018). Competition or cooperation in transboundary fish stocks management: Insight from a dynamical model. *Journal of Theoretical Biology*, 447, 1-11. doi:10.1016/j.jtbi.2018.03.017
389. Nguyen Thi, H., Nguyen Thi Thu, T., et al. (2018). Emission of Unintentionally Produced Persistent Organic Pollutants from Some Industrial Processes in Northern Vietnam. *Bulletin of Environmental Contamination and Toxicology*. doi:10.1007/s00128-018-2519-x
390. Nguyen, T. T., & Bach, T. C. (2018). Strain effects on multiferroic heterointerface La<sub>0.5</sub>Sr<sub>0.5</sub>MnO<sub>3</sub>/BaTiO<sub>3</sub> by DFT calculations. *Advances in Natural Sciences: Nanoscience and Nanotechnology*, 9(1). doi:10.1088/2043-6254/aab3fb
391. Nguyen, T. T. L., & Pham, T. M. (2018). Optimization model and algorithm for dynamic service-aware traffic steering in network functions virtualization.
392. Nguyen, V. A., Nguyen, Q. B., & Nguyen, V. T. (2018). A model to forecast learning outcomes for students in blended learning courses based on learning analytics.

393. Nguyen, V. D., Nguyen, H. L. T., et al. (2018). A New Saponin with Anti-HIV-1 Protease Activity from *Acacia pennata*. *Natural Product Communications*, 13(4), 411-414.
394. Nguyen, V. H., El Ali, B. M., et al. (2018). Stereoelectronic Flexibility of Ammonium-Functionalized Triazole-Derived Carbenes: Palladation and Catalytic Activities in Water. *Organometallics*, 37(14), 2358-2367. doi:10.1021/acs.organomet.8b00347
395. Nguyen, V. K., Yen, H. T. H., et al. (2018). Key analysis of the dairy value chain in Vietnam: the case of Bavi. *Journal of Agribusiness in Developing and Emerging Economies*, 8(2), 222-233. doi:10.1108/jadee-06-2016-0041
396. Nguyen, V. N., Tran, D. T., et al. (2018). Enhanced photocatalytic degradation of methyl orange using ZnO/graphene oxide nanocomposites. *Research on Chemical Intermediates*, 44(5), 3081-3095. doi:10.1007/s11164-018-3294-3
397. Nguyen, V. T., Le, A. C., & Vu, D. H. (2018) An efficient model for finding and ranking related questions in community question answering systems. In: Vol. 672 (pp. 776-786): Springer Verlag.
398. Nguyen, V. T., Nguyen, N. T., & Tran, T. H. (2018) Framework for merging probabilistic knowledge bases. In: Vol. 11055 LNAI (pp. 31-42): Springer Verlag.
399. Nguyen, V. T., & Tran, T. H. (2018). Solving Inconsistencies in Probabilistic Knowledge Bases via Inconsistency Measures. In N. T. Nguyen, D. H. Hoang, T. P. Hong, H. Pham, & B. Trawinski (Eds.), *Intelligent Information and Database Systems, Aciids 2018, Pt I* (Vol. 10751, pp. 3-14). Cham: Springer International Publishing Ag.
400. Nguyen, X. C., Chang, S. W., et al. (2018). A hybrid constructed wetland for organic-material and nutrient removal from sewage: Process performance and multi-kinetic models. *Journal of Environmental Management*, 222, 378-384. doi:10.1016/j.jenvman.2018.05.085
401. Nguyen, X. H., & Pham, A. H. (2018). Assessing Soil Erosion by Agricultural and Forestry Production and Proposing Solutions to Mitigate: A Case Study in Son la Province, Vietnam. *Applied and Environmental Soil Science*, 2018. doi:10.1155/2018/2397265
402. Nguyen-Thu, G. (2018). Vietnamese media going social: Connectivism, collectivism, and conservatism. *Journal of Asian Studies*, 77(4), 895-908. doi:10.1017/S0021911818002504
403. Nguyen-Thuy, D., Ta, P. H., et al. (2018). Evaluation of Geological Heritage of Geosites for a Potential Geopark in Binh Thuan–Ninh Thuan Coastal Zone, Vietnam. *Geoh Heritage*. doi:10.1007/s12371-018-0324-x
404. Nhung, H. T. M., Anh, B. V., et al. (2018). Ex vivo expansion of human peripheral blood natural killer cells and cytotoxic T lymphocytes from lung cancer patients. *Oncology Letters*, 15(4), 5730-5738. doi:10.3892/ol.2018.8029
405. Ninh, D. G., & Bich, D. H. (2018). Characteristics of nonlinear vibration of nanocomposite cylindrical shells with piezoelectric actuators under thermo-mechanical loads. *Aerospace Science and Technology*, 77, 595-609. doi:10.1016/j.ast.2018.04.008
406. Ninh, V. T., Nguyen, T. L. H., Tran, Q. H., & Kim, H. (2018). On the Automorphism Groups of Finite Multitype Models in Cn. *Journal of Geometric Analysis*, 1-23. doi:10.1007/s12220-018-9999-0
407. Noufele, C. N., Pham, C. T., et al. (2018). Uranyl Complexes with Aroylbis(N,N-dialkylthioureas). *Inorganic Chemistry*, 57(19), 12255-12269. doi:10.1021/acs.inorgchem.8b01918
408. Ogawa, M., To, V. K., et al. (2018). Wrapping computer algebra is surprisingly successful for non-linear SMT.
409. Oguri, T., Tue, N. M., et al. (2018). Exposure assessment of heavy metals in an e-waste processing area in northern Vietnam. *Science of the Total Environment*, 621, 1115-1123. doi:10.1016/j.scitotenv.2017.10.115
410. Park, J. H., & Tran, T. B. H. (2018). From internal marketing to customer- perceived relationship quality: evidence of Vietnamese banking firms. *Total Quality Management and Business Excellence*, 1-23. doi:10.1080/14783363.2018.1446754
411. Park, J. H., & Tran, T. B. H. (2018). Internal marketing, employee customer-oriented behaviors, and customer behavioral responses. *Psychology & Marketing*, 35(6), 412-426. doi:10.1002/mar.21095
412. Parveen, S., Nguyen, H. H., et al. (2018). Synthesis, crystal structure, molecular docking and cytotoxicity of Zwitterionic 3-(4-amino-3-imino-5-oxo-2,3,4,5-tetrahydro- 1,2,4 triazin-6-yl)-propion ic acid. *Journal of the Indian Chemical Society*, 95(6), 651-659.
413. Perez-Castillo, Pham-The, H., et al. (2018). A desirability-based multi objective approach for the virtual screening discovery of broad-spectrum anti-gastric cancer agents. *Plos One*, 13(2). doi:10.1371/journal.pone.0192176
414. Pham, B. T., Son, L. H., et al. (2018). Prediction of shear strength of soft soil using machine learning methods. *Catena*, 166, 181-191. doi:10.1016/j.catena.2018.04.004
415. Pham, C. T., Le, M. D., et al. (2018). A new species of *Limnionectes* (Amphibia: Anura: Dicroglossidae) from Vietnam. *Zootaxa*, 4508(1), 115-130. doi:10.11646/zootaxa.4508.1.7
416. Pham, C. T., Nguyen, H. H., & Abram, U. (2018). Ag-I Metallacoronates and Hg-II Metallacryptates Derived from a Catechol-Based Aroylbis(N,N-diethylthiourea). *European Journal of Inorganic Chemistry*(7), 951-957. doi:10.1002/ejic.201701302
417. Pham, C. T., Nguyen, T. Q., et al. (2018). First record of *liuixalus Feii* Yang, Rao et Wang, 2015 (Anura: Rhacophoridae) from vietnam and taxonomic assignment of *L. Jinxiuensis* Li, Mo, Xie et Jiang, 2015. *Russian Journal of Herpetology*, 25(2), 121-125.



418. Pham, C. T., Nguyen, T. Q., et al. (2018). FIRST RECORD OF *Liuixalus feii* YANG, RAO ET WANG, 2015 (ANURA: RHACOPHORIDAE) FROM VIETNAM AND TAXONOMIC ASSIGNMENT OF *L-jinxiuensis* LI, MO, XIE ET JIANG, 2015. *Russian Journal of Herpetology*, 25(2), 121-125.
419. Pham, C. V., Phu, Q. V., & Hoang, H. X. (2018). Targeted Misinformation Blocking on Online Social Networks. In N. T. Nguyen, D. H. Hoang, T. P. Hong, H. Pham, & B. Trawinski (Eds.), *Intelligent Information and Database Systems, Aciids 2018, Pt I* (Vol. 10751, pp. 107-116). Cham: Springer International Publishing Ag.
420. Pham, C. V., Thai, M. T., et al. (2018). Maximizing misinformation restriction within time and budget constraints. *Journal of Combinatorial Optimization*, 35(4), 1202-1240. doi:10.1007/s10878-018-0252-3
421. Pham, D. H., & Le, A. C. (2018). Learning multiple layers of knowledge representation for aspect based sentiment analysis. *Data & Knowledge Engineering*, 114, 26-39. doi:10.1016/j.datak.2017.06.001
422. Pham, D. H., Le, A. C., & Le, T. K. C. (2018) Learning Word Embeddings for Aspect-Based Sentiment Analysis. In: Vol. 781 (pp. 28-40): Springer Verlag.
423. Pham, H. T. (2018). Biosensors based on lithotrophic microbial fuel cells in relation to heterotrophic counterparts: research progress, challenges, and opportunities. *Aims Microbiology*, 4(3), 567-583. doi:10.3934/microbiol.2018.3.567
424. Pham, L. N., Luu, B. V., et al. (2018). Production of Biodiesel from Candlenut Oil Using a Two-step Co-solvent Method and Evaluation of Its Gaseous Emissions. *Journal of Oleo Science*, 67(5), 617-626. doi:10.5650/jos.ess17220
425. Pham, L. T., Oksum, E., & Do, T. D. (2018). GCH\_gravinv: A MATLAB-based program for inverting gravity anomalies over sedimentary basins. *Computers & Geosciences*, 120, 40-47. doi:10.1016/j.cageo.2018.07.009
426. Pham, Q. V., Ha, N. T. T., et al. (2018). Using Landsat-8 Images for Quantifying Suspended Sediment Concentration in Red River (Northern Vietnam). *Remote Sensing*, 10(11), 19. doi:10.3390/rs10111841
427. Pham, T., Phuong, N. D., et al. (2018). Distinct distances between points and lines in Fq 2. *Forum Mathematicum*, 30(4), 799-808. doi:10.1515/forum-2016-0248
428. Pham, T., Tait, M., et al. (2018). A structure theorem for product sets in extra special groups. *Journal of Number Theory*, 184, 461-472. doi:10.1016/j.jnt.2017.08.031
429. Pham, T. A., & Do, N. T. (2018). Embedding hierarchical clustering in product quantization for feature indexing. *Multimedia Tools and Applications*. doi:10.1007/s11042-018-6626-9
430. Pham, T. A., Ha, M. H., & Nguyen, X. H. (2018). Description of the datasets for the experiments in the paper "solving the multi-vehicle multi-covering tour problem". *Data in Brief*, 18, 1146-1148. doi:10.1016/j.dib.2018.03.106
431. Pham, T. D., Bui, T. T., (2018). Adsorption of polyelectrolyte onto nanosilica synthesized from rice husk: Characteristics, mechanisms, and application for antibiotic removal. *Polymers*, 10(2). doi:10.3390/polym10020220
432. Pham, T. D., Do, T. U., et al. (2018). Adsorption of poly(styrenesulfonate) onto different-sized alumina particles: characteristics and mechanisms. *Colloid and Polymer Science*. doi:10.1007/s00396-018-4433-5
433. Pham, T. H., & Le-Hong, P. (2018) End-to-End Recurrent Neural Network Models for Vietnamese Named Entity Recognition: Word-Level Vs. Character-Level. In: Vol. 781 (pp. 219-232): Springer Verlag.
434. Pham, T. H., Pham, X. K., & Le-Hong, P. (2018). On the use of machine translation-based approaches for Vietnamese diacritic restoration.
435. Pham, T. T. T., Mathews, N., et al. (2018). Influence of size and shape of sub-micrometer light scattering centers in ZnO-assisted TiO2 photoanode for dye-sensitized solar cells. *Physica B-Condensed Matter*, 532, 225-229. doi:10.1016/j.physb.2017.03.016
436. Pham, V. T., Nguyen, D. A., et al. (2018). Highly Accurate Step Counting at Various Walking States Using Low-Cost Inertial Measurement Unit Support Indoor Positioning System. *Sensors*, 18(10), 21. doi:10.3390/s18103186
437. Pham-The, H., & Le-Thi-Thu, H. (2018). Integrating structure and ligand-based approaches for modelling the histone deacetylase inhibition activity of hydroxamic acid derivatives. *Asian Journal of Pharmaceutical and Clinical Research*, 11(2), 198-206. doi:10.22159/ajpcr.2018.v11i2.22995
438. Phan, H., Bui, T. Q., et al. (2018). Computation of interface wave motions by reciprocity considerations. *Wave Motion*, 79, 10-22. doi:10.1016/j.wavemoti.2018.02.008
439. Phan, T. K. T., Shahbazzadeh, F., et al. (2018). Alpha-mangostin inhibits the migration and invasion of A549 lung cancer cells. *PeerJ*, 6, 17. doi:10.7717/peerj.5027
440. Phan-Van, T., Nguyen-Xuan, T., et al. (2018). Evaluation of the NCEP Climate Forecast System and its downscaling for seasonal rainfall prediction over Vietnam. *Weather and Forecasting*, 33(3), 615-640. doi:10.1175/WAF-D-17-0098.1
441. Phi, T. H., Chinh, P. M., et al. (2018). Elemental Concentrations in Roadside Dust Along Two National Highways in Northern Vietnam and the Health-Risk Implication. *Archives of Environmental Contamination and Toxicology*, 74(1), 46-55. doi:10.1007/s00244-017-0477-7

442. Phuong, T. H. (2018). Perceived justice in performance appraisal among Vietnamese employees: Antecedents and consequences. *International Journal of Business Excellence*, 15(2), 209-221. doi:10.1504/IJBEX.2018.091920
443. Prativadibhayankaram, S., Luong, H. V., et al. (2018). Compressive Online Video Background-Foreground Separation Using Multiple Prior Information and Optical Flow. *Journal of Imaging*, 4(7), 23. doi:10.3390/jimaging4070090
444. Quach, C. H., Tran, V. L., et al. (2018). Real-time lane marker detection using template matching with RGB-D camera.
445. Quach, D. T., Pham, D. T., et al. (2018). Nanometer-scale local probing of X-ray absorption spectra of Co/Pt multilayer film. *Physica B-Condensed Matter*, 532, 221-224. doi:10.1016/j.physb.2017.05.051
446. Quach, D. T., Pham, D. T., et al. (2018). Minor hysteresis patterns with a rounded/sharpened reversing behavior in ferromagnetic multilayer. *Scientific Reports*, 8, 9. doi:10.1038/s41598-018-22810-y
447. Quach, T. N., Nguyen, L. A. T., et al. (2018). Soybean PI 675847 A as a new source of salt tolerance. *Plant Genetic Resources: Characterisation and Utilisation*. doi:10.1017/S1479262118000266
448. Quang, L. H., Loi, D. H., et al. (2018). Susceptibility assessment of the precursor stage of a landslide threatening Haivan Railway Station, Vietnam. *Landslides*, 15(2), 309-325. doi:10.1007/s10346-017-0870-3
449. Quoc, T. V., Ngoc, L. N., et al. (2018). Crystal structure and Hirshfield surface analysis of 4-phenyl-3-(thiophen-3-ylmethyl)-1H-1,2,4-triazole-5(4H)-thione. *Acta Crystallographica Section E-Crystallographic Communications*, 74, 812-+. doi:10.1107/s2056989018007193
450. Quynh, L. K., Tu, B. D., et al. (2018). Design Optimization of an Anisotropic Magnetoresistance Sensor for Detection of Magnetic Nanoparticles. *Journal of Electronic Materials*. doi:10.1007/s11664-018-6822-4
451. Quynh, L. M., Dung, C. T., et al. (2018). Development of Fe<sub>3</sub>O<sub>4</sub>/Ag core/shell-based multifunctional immunomagnetic nanoparticles for isolation and detection of CD34+ stem cells. *Journal of Immunoassay and Immunochemistry*, 39(3), 308-322. doi:10.1080/15321819.2018.1488725
452. Quynh, L. M., Tien, N. T., et al. (2018). Optical and electrical responses of magnetron-sputtered amorphous Nb-doped TiO<sub>2</sub> thin films annealed at low temperature. *Physica B: Condensed Matter*, 532, 200-203. doi:10.1016/j.physb.2017.05.024
453. Ramesh, K., Nguyen, V. S., et al. (2018). Homologous Lympho-Epithelial Kazal-type Inhibitor Domains Delay Blood Coagulation by Inhibiting Factor X and XI with Differential Specificity. *Structure*, 26(9), 1178-+. doi:10.1016/j.str.2018.05.018
454. Rasco, B. C., N. T., et al. (2018). The ORNL analysis technique for extracting [Formula presented]-delayed multi-neutron branching ratios with BRIKEN. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, 911, 79-86. doi:10.1016/j.nima.2018.09.121
455. Sa, L. K., Nhung, N. C., et al. (2018). Green material selection using an integrated fuzzy multi-criteria decision making model. *Asian Journal of Scientific Research*, 11(2), 195-202. doi:10.3923/ajsr.2018.195.202
456. Sabharwal, T., Son, L. H., et al. (2018). Recognition of surgically altered face images: an empirical analysis on recent advances. *Artificial Intelligence Review*. doi:10.1007/s10462-018-9660-0
457. Sai, C. D., & Ngac, A. B. (2018). Effect of core-shell structure on optical properties of Au-Cu<sub>2</sub>O nanoparticles. *Physica B-Condensed Matter*, 532, 216-220. doi:10.1016/j.physb.2017.11.048
458. Salman, G. A., Pham, N. N., et al. (2018). Convenient synthesis of 10H-indolo 3,2-b quinolines and 6H-indolo 2,3-b quinolines by sequential chemoselective Suzuki reaction followed by double C-N coupling. *Tetrahedron*, 74(10), 1024-1032. doi:10.1016/j.tet.2018.01.010
459. Saravanan, K., Son, L. H., et al. (2018). Real-time water quality monitoring using Internet of Things in SCADA. *Environmental Monitoring and Assessment*, 190(9), 16. doi:10.1007/s10661-018-6914-x
460. Saravanan, K., Son, L. H., et al. (2018). How to prevent maritime border collision for fisheries?-A design of Real-Time Automatic Identification System. *Earth Science Informatics*. doi:10.1007/s12145-018-0371-5
461. Sassa, K., & Dang, K. (2018). TXT-tool 0.081-1.1 landslide dynamics for risk assessment. In *Landslide Dynamics: ISDR-ICL Landslide Interactive Teaching Tools (Vol. 2, pp. 1-79)*: Springer International Publishing.
462. Sassa, K., Dang, K., et al. (2018). TXT-tool 3.081-1.5 manual for the LS-RAPID software. In *Landslide Dynamics: ISDR-ICL Landslide Interactive Teaching Tools (Vol. 2, pp. 191-224)*: Springer International Publishing.
463. Scheela, W., Nguyen Thi Thu, N. T. T., & Anh, N. T. K. (2018). Business angel investing in Vietnam: An exploratory study. *Journal of Private Equity*, 21(2), 96-106. doi:10.3905/jpe.2018.21.2.096
464. Scheela, W., Trang, N. T. T., & Anh, N. T. K. (2018). Business Angel Investing in Vietnam: An Exploratory Study. *Journal of Private Equity*, 21(2), 96-106. doi:10.3905/jpe.2018.1.067
465. Schimmelmann, J. P., Huong, N. V., et al. (2018). Low Cost, Lightweight Gravity Coring and Improved Epoxy Impregnation Applied to Laminated Maar Sediment in Vietnam. *Geosciences*, 8(5), 12. doi:10.3390/geosciences8050176
466. Schneider, J., Carloni, P., et al. (2018). Predicting ligand binding poses for low-resolution membrane protein models: Perspectives from

- multiscale simulations. *Biochemical and Biophysical Research Communications*, 498(2), 366-374. doi:10.1016/j.bbrc.2018.01.160
467. Schneider, P., Khac, L. N., et al. (2018). Engineering Perspectives and Environmental Life Cycle Optimization to Enhance Aggregate Mining in Vietnam. *Sustainability*, 10(2), 23. doi:10.3390/su10020525
468. Setiawan, H., Dang, K., et al. (2018). TXT-tool 3.081-1.6 manual for the undrained dynamic-loading ring-shear apparatus. In *Landslide Dynamics: ISDR-ICL Landslide Interactive Teaching Tools (Vol. 2, pp. 321-350)*: Springer International Publishing.
469. Settele, J., Wiemers, M., et al. (2018). Rice ecosystem services in South-east Asia. *Paddy and Water Environment*, 16(2), 211-224. doi:10.1007/s10333-018-0656-9
470. Shmukler, L. E., Nguyen, V. T., et al. (2018). Conductivity of gel polymer electrolytes doped with solutions of phosphonic acid or protic ionic liquids. *Chemical Physics Letters*, 697, 1-6. doi:10.1016/j.cpllett.2018.02.053
471. Sial, M. S., Nguyen, V. K., et al. (2018). Corporate social responsibility, firm performance and the moderating effect of earnings management in Chinese firms. *Asia-Pacific Journal of Business Administration*, 10(2-3), 184-199. doi:10.1108/APJBA-03-2018-0051
472. Singh, K., Son, L. H., et al. (2018). Congestion control in wireless sensor networks by hybrid multi-objective optimization algorithm. *Computer Networks*, 138, 90-107. doi:10.1016/j.comnet.2018.03.023
473. Smith, R. K., Montgomery, M. T., & Bui, H. (2018). Axisymmetric Balance Dynamics of Tropical Cyclone Intensification and Its Breakdown Revisited. *Journal of the Atmospheric Sciences*, 75(9), 3169-3189. doi:10.1175/jas-d-17-0179.1
474. So, H. U., Hoang, V. H., et al. (2018). Arsenite adsorption controlled by the iron oxide content of Holocene Red River aquifer sediment. *Geochimica Et Cosmochimica Acta*, 239, 61-73. doi:10.1016/j.gca.2018.07.026
475. So, H. U., Trang, P. T. K., et al. (2018). Arsenic in Holocene aquifers of the Red River floodplain, Vietnam: Effects of sediment-water interactions, sediment burial age and groundwater residence time. *Geochimica Et Cosmochimica Acta*, 225, 192-209. doi:10.1016/j.gca.2018.01.010
476. Sokolova, D., Tran, N. A., et al. (2018). Use of MLCM3 Software for Flash Flood Modeling and Forecasting. *Journal of Ecological Engineering*, 19(1), 177-185. doi:10.12911/22998993/79419
477. Son, D. X. (2018). An algorithm for solving a class of bilevel split problems involving pseudomonotone equilibrium problem. *Afrika Matematika*, 29(7-8), 1159-1171. doi:10.1007/s13370-018-0614-0
478. Son, H. A., Toan, N. L., et al. (2018). Combination of Vaccine-Strain Measles and Mumps Viruses Enhances Oncolytic Activity against Human Solid Malignancies. *Cancer Investigation*, 36(2), 106-117. doi:10.1080/07357907.2018.1434539
479. Son, L. H., Baik, S. W., et al. (2018). ARM-AMO: An efficient association rule mining algorithm based on animal migration optimization. *Knowledge-Based Systems*, 154, 68-80. doi:10.1016/j.knosys.2018.04.038
480. Son, L. H., & Fujita, H. (2018). Neural-fuzzy with representative sets for prediction of student performance. *Applied Intelligence*. doi:10.1007/s10489-018-1262-7
481. Son, L. H., Tuan, T. M., et al. (2018). Dental diagnosis from X-Ray images: An expert system based on fuzzy computing. *Biomedical Signal Processing and Control*, 39, 64-73. doi:10.1016/j.bspc.2017.07.005
482. Spangenberg, J. H., Cuong, L. Q., et al. (2018). The LEGATO cross-disciplinary integrated ecosystem service research framework: an example of integrating research results from the analysis of global change impacts and the social, cultural and economic system dynamics of irrigated rice production. *Paddy and Water Environment*, 16(2), 287-319. doi:10.1007/s10333-017-0628-5
483. Spangenberg, J. H., Nguyen, Q. A., et al. (2018). Doing what with whom? Stakeholder analysis in a large transdisciplinary research project in South-East Asia. *Paddy and Water Environment*, 16(2), 321-337. doi:10.1007/s10333-018-0634-2
484. Sprenger, H., Le, M. Q., et al. (2018). Metabolite and transcript markers for the prediction of potato drought tolerance. *Plant Biotechnology Journal*, 16(4), 939-950. doi:10.1111/pbi.12840
485. Stringer, L. C., Le, H. T. V., et al. (2018). A New Framework to Enable Equitable Outcomes: Resilience and Nexus Approaches Combined. *Earths Future*, 6(6), 902-918. doi:10.1029/2017ef000694
486. Suga, K., Shibusani, Y., et al. (2018). Macroscopic out-of-plane auxetic features of a laminated open-cell structure with in-plane negative Poisson's ratios induced by bridging beam components. *Smart Materials and Structures*, 27(8), 12. doi:10.1088/1361-665X/aacd31
487. Szili, E. J., Nguyen, C. K., et al. (2018). Modelling the helium plasma jet delivery of reactive species into a 3D cancer tumour. *Plasma Sources Science & Technology*, 27(1), 16. doi:10.1088/1361-6595/aa9b3b
488. Ta, T. T., Trinh, D. A., & Do, N. T. (2018). Nitrogen flow assessment in rapidly urbanizing Hai Duong province, downstream of Cau River Basin, Vietnam. *Journal of Material Cycles and Waste Management*, 20(1), 533-542. doi:10.1007/s10163-017-0616-2
489. Tain, J. L., Woods, P., et al. (2018). The briken project: Extensive measurements of  $\beta$ -delayed neutron emitters for the astrophysical r process. *Acta Physica Polonica B*, 49(3), 417-428. doi:10.5506/APhysPolB.49.417
490. Tam, N. T., Hai, D. T., et al. (2018). Improving lifetime and network connections of 3D wireless sensor networks based on fuzzy clustering

and particle swarm optimization. *Wireless Networks*, 24(5), 1477-1490. doi:10.1007/s11276-016-1412-y

491. Thach, H. M., Le, M. D., et al. (2018). Slow Loris Trade in Vietnam: Exploring Diverse Knowledge and Values. *Folia Primatologica*, 89(1), 45-62. doi:10.1159/000481196

492. Thai, P. K., Ky, L. X., et al. (2018). Occurrence of antibiotic residues and antibiotic-resistant bacteria in effluents of pharmaceutical manufacturers and other sources around Hanoi, Vietnam. *Science of the Total Environment*, 645, 393-400. doi:10.1016/j.scitotenv.2018.07.126

493. Thai, T. H., Hien, N. T., et al. (2018). Chemical constituents of essential oils from three Vietnamese species of Pinus. *Boletin Latinoamericano Y Del Caribe De Plantas Medicinales Y Aromaticas*, 17(1), 53-60.

494. Thang, P. Q., Thuy, N. T., & Lam, H. T. (2018) A modification of solution optimization in support vector machine simplification for classification. In: Vol. 672 (pp. 149-158): Springer Verlag.

495. Thanh, P. T., Duong, N. V., et al. (2018). Effect of adding non-ferromagnetic nanoparticles to grain boundary on coercivity of sintered Nd-Fe-B magnet. *Current Applied Physics*, 18(3), 329-334. doi:10.1016/j.cap.2017.12.014

496. Thanh Truc, N. T., Tran, D. T., et al. (2018). Novel visible light-driven Nb-doped Ta<sub>3</sub>N<sub>5</sub> sensitized/protected by PPy for efficient overall water splitting. *International Journal of Hydrogen Energy*, 43(33), 15898-15906. doi:10.1016/j.ijhydene.2018.06.128

497. Thanh Tung, N., Hoan, V. K., et al. (2018) Applying and Deploying Cyber Physical System in Monitoring and Managing Operations Under Mines and Underground Works. In: Vol. 217 (pp. 145-154): Springer Verlag.

498. Thao, N. T., & Nhu, N. T. (2018). Evaluation of catalytic activity of MeOx/sepiolite in benzyl alcohol oxidation. *Journal of Science-Advanced Materials and Devices*, 3(3), 289-295. doi:10.1016/j.jsamd.2018.07.006

499. Thao, N. T., Nhu, N. T., & Lin, K. S. (2018). Liquid phase oxidation of benzyl alcohol to benzaldehyde over sepiolite loaded chromium oxide catalysts. *Journal of the Taiwan Institute of Chemical Engineers*, 83, 10-22. doi:10.1016/j.jtice.2017.11.034

500. Thao, N. X., Son, L. H., et al. (2018) Fuzzy equivalence on standard and rough neutrosophic sets and applications to clustering analysis. In: Vol. 672 (pp. 834-842): Springer Verlag.

501. Thi, H. T., Le, B. A., Maeda, Y., et al. (2018). Screening of fatty acids, saccharides, and phytochemicals in *Jatropha curcas* seed kernel as their trimethylsilyl derivatives using gas chromatography/mass spectrometry. *Journal of Chromatography B-Analytical Technologies in the Biomedical and Life Sciences*, 1102, 66-73. doi:10.1016/j.jchromb.2018.10.009

502. Thi, L. N., My, L. H., et al. (2018). Using BiLSTM in dependency parsing for Vietnamese. *Computacion y Sistemas*, 22(3), 853-862. doi:10.13053/CyS-22-3-3023

503. Thien, N. D., Quynh, L. M., et al. (2018). Phase transformation and photoluminescence of undoped and Eu<sup>3+</sup>-doped zinc stannate (Zn<sub>2</sub>SnO<sub>4</sub>) nanocrystals synthesized by hydrothermal method. *Journal of Materials Science: Materials in Electronics*. doi:10.1007/s10854-018-0453-7

504. Thien, N. D., Vu, L. V., & Long, N. N. (2018). The effect of interaction between surface plasmons of gold nanoparticles and optical active centers on luminescence of Eu<sup>3+</sup>-doped Zn<sub>2</sub>SnO<sub>4</sub> nanocrystals. *Optical Materials*, 78, 319-324. doi:10.1016/j.optmat.2018.02.039

505. Thom, V. T., Tung, N. H., et al. (2018). Antithrombotic Activity and Saponin Composition of the Roots of *Panax bipinnatifidus* Seem. Growing in Vietnam. *Pharmacognosy Research*, 10(4), 333-338. doi:10.4103/pr.pr\_58\_18

506. Thong, P. H., Tuan, T. A., Minh, N. T. H., & Son, L. H. (2018) One solution for proving convergence of picture fuzzy clustering method. In: Vol. 672 (pp. 843-852): Springer Verlag.

507. Thuong, L. Q., & Duc, N. H. (2018). EULER REFLEXION FORMULAS FOR MOTIVIC MULTIPLE ZETA FUNCTIONS. *Journal of Algebraic Geometry*, 27(1), 91-120. doi:10.1090/jag/689

508. Tien, C. N., Van Meervelt, L., et al. (2018). Crystal structure of (E)-N'-1-(4-aminophenyl)-ethylidene -2-hydroxy-5-iodobenzohydrazide methanol monosolvate. *Acta Crystallographica Section E-Crystallographic Communications*, 74, 910-+. doi:10.1107/s2056989018008204

509. Tien, C. N., Van, T. N., et al. (2018). Synthesis, structure and in vitro cytotoxicity testing of some 1,3,4-oxadiazoline derivatives from 2-hydroxy-5-iodobenzoic acid. *Acta Crystallographica Section C-Structural Chemistry*, 74, 839-+. doi:10.1107/s2053229618008719

510. Tien, P. T., & Khoi, L. H. (2018). Differences of weighted composition operators between the Fock spaces. *Monatshefte fur Mathematik*, 1-11. doi:10.1007/s00605-018-1179-6

511. Tien, P. T., & Khoi, L. H. (2018). Weighted Composition Operators Between Different Fock Spaces. *Potential Analysis*, 1-25. doi:10.1007/s11118-017-9678-y

512. Tien, P. V., Sassa, K., et al. (2018). Formation process of two massive dams following rainfall-induced deep-seated rapid landslide failures in the Kii Peninsula of Japan. *Landslides*, 15(9), 1761-1778. doi:10.1007/s10346-018-0988-y

513. Tilker, A., Van Nguyen, T., et al. (2018). A little-known endemic caught in the South-east Asian extinction crisis: The Annamite striped rabbit *Nesolagus timminsi*. *ORYX*, 1-10. doi:10.1017/S0030605318000534

514. Titov, A. A., Thi, T. A. D., et al. (2018). Synthesis of 1-(para-methoxyphenyl)tetrazolyl-Substituted 1,2,3,4-Tetrahydroisoquinolines and

Their Transformations Involving Activated Alkynes. *Molecules*, 23(11), 10. doi:10.3390/molecules23113010

515. Toan, D. N., Tuan, H. C., & Toan, H. M. (2018). A novel selection model of random features for the estimation of facial expression. *International Journal of Advanced and Applied Sciences*, 5(6), 56-60. doi:10.21833/ijaas.2018.06.008

516. Tran, B. X., Boggiano, V. L., et al. (2018). Concurrent drug use among methadone maintenance patients in mountainous areas in northern Vietnam. *Bmj Open*, 8(3), 8. doi:10.1136/bmjopen-2017-015875

517. Tran, B. X., Do, H. T., et al. (2018). Evaluating Food Safety Knowledge and Practices of Food Processors and Sellers Working in Food Facilities in Hanoi, Vietnam. *Journal of Food Protection*, 81(4), 646-652. doi:10.4315/0362-028x.Jfp-17-161

518. Tran, B. X., Latkin, C. A., et al. (2018). Health-related work productivity loss is low for patients in a methadone maintenance program in Vietnam. *International Journal of Drug Policy*, 60, 1-7. doi:10.1016/j.drugpo.2018.07.007

519. Tran, B. X., Latkin, C. A., et al. (2018). Social and structural barriers for adherence to methadone maintenance treatment among Vietnamese opioid dependence patients. *Plos One*, 13(1), 13. doi:10.1371/journal.pone.0190941

520. Tran, B. X., Ho, R. C. M., et al. (2018). Cost-of-Illness and the Health-Related Quality of Life of Patients in the Dengue Fever Outbreak in Hanoi in 2017. *International Journal of Environmental Research and Public Health*, 15(6), 9. doi:10.3390/ijerph15061174

521. Tran, C. T., Nguyen, M. N., et al. (2018). Phytolith-associated potassium in fern: characterization, dissolution properties and implications for slash-and-burn agriculture. *Soil Use and Management*, 34(1), 28-36. doi:10.1111/sum.12409

522. Tran, D. H., Kang, W. N., et al. (2018). Enhancements of critical current density in the BiPbSrCaCuO superconductor by Na substitution. *Materials Transactions*, 59(7), 1071-1074. doi:10.2320/matertrans.MD201715

523. Tran, O. T., & Luong, T. C. (2018) Towards Understanding User Requests in AI Bots. In: Vol. 11012 LNAI (pp. 864-877): Springer Verlag.

524. Tran, T. A., Tran, T. Q., et al. (2018). The role of education in the livelihood of households in the Northwest region, Vietnam. *Educational Research for Policy and Practice*. doi:10.1007/s10671-018-9242-6

525. Tran Thi, H. T., Nguyen Dac, H., et al. (2018). A 3D printed two-axis tilt angle capacitive sensor.

526. Tran Thi Thuy, H., Dinh, T. D., et al. (2018). A Robust Two-axis Tilt Angle Sensor Based on Air/Liquid Two-phase Dielectric Capacitive Sensing Structure. *IETE Journal of Research*. doi:10.1080/03772063.2018.1518732

527. Tran, T. M., Tu, M. B., & Vu, N. D. (2018). Cyclic siloxanes in indoor environments from hair salons in Hanoi, Vietnam: Emission sources, spatial distribution, and implications for human exposure. *Chemosphere*, 212, 330-336. doi:10.1016/j.chemosphere.2018.08.101

528. Tran, T. Q., Doan, T. T., et al. (2018). Heterogeneous impacts of provincial governance on household welfare in Vietnam. *International Journal of Social Welfare*. doi:10.1111/ijsw.12337

529. Tran, T. Q., Nguyen, C. V., & Vu, H. V. (2018). Does Economic Inequality Affect the Quality of Life of Older People in Rural Vietnam? *Journal of Happiness Studies*, 19(3), 781-799. doi:10.1007/s10902-017-9851-4

530. Tran, T. Q., Tran, A. L., et al. (2018). Local governance and occupational choice among young people: First evidence from Vietnam. *Children and Youth Services Review*, 86, 21-31. doi:10.1016/j.childyouth.2018.01.019

531. Tran, T. Q., & Van Vu, H. (2018). A microeconomic analysis of housing and life satisfaction among the Vietnamese elderly. *Quality and Quantity*, 52(2), 849-867. doi:10.1007/s11135-017-0492-9

532. Tran, T. T., Tran, H. D., & Nguyen, H. X. (2018). Larval description and habitat utilization of an amphidromous goby, *Redigobius bikolanus* (Gobiidae). *Animal Biology*, 68(1), 15-26. doi:10.1163/15707563-17000079

533. Tran, T. T. V., Le, T. A., et al. (2018). One-pot synthesis of (1RS, 21SR)-diethyl 2- 23-amino-22-ethoxycarbonyl-8,11,14-trioxo-25-azatetracyclo 19.3.1.0(2, 7).0(15,20) pentacos-2,4,6,15(20),16,18,22-heptaen-25-yl but-2-endoat e. *Acta Crystallographica Section E-Crystallographic Communications*, 74, 1281-+. doi:10.1107/s205698901801160x

534. Tran, V. H., Vu, H. T., et al. (2018) A classifier-based preordering approach for English-Vietnamese statistical machine translation. In: Vol. 9624 LNCS (pp. 74-87): Springer Verlag.

535. Trinh, P. L., & Pham, Y. (2018). Establishment of a Multiplex PCR-Based Procedure for Detection of Most Common Mutations in NPM1, FLT3 in Acute Myeloid Leukemia Patients. *Annals of Clinical and Laboratory Science*, 48(1), 35-39.

536. Trinh, T. T., Hoang, T. S., et al. (2018). A simple laboratory algorithm for diagnosis of melioidosis in resource-constrained areas: a study from north-central Vietnam. *Clinical Microbiology and Infection*, 24(1), 4. doi:10.1016/j.cmi.2017.07.029

537. Trinh, T. T., Trinh, T. T., et al. (2018). Temperature inversion and air pollution relationship, and its effects on human health in Hanoi City, Vietnam. *Environmental Geochemistry and Health*. doi:10.1007/s10653-018-0190-0

538. Truc, N. T. T., Hanh, N. T., et al. (2018). Novel direct Z-scheme Cu<sub>2</sub>V<sub>2</sub>O<sub>7</sub>/g-C<sub>3</sub>N<sub>4</sub> for visible light photocatalytic conversion of CO<sub>2</sub> into valuable fuels. *Applied Surface Science*, 457, 968-974. doi:10.1016/j.apsusc.2018.07.034

539. Trung Anh, T., Do Van, T., et al. (2018). The effects of strength models in numerical study of metal plate destruction by contact explosive



charge. *Mechanics of Advanced Materials and Structures*, 1-10. doi:10.1080/15376494.2017.1410907

540. Truong, N. M., & Tuan, B. M. (2018). Large-scale patterns and possible mechanisms of 10-20-day intra-seasonal oscillation of the observed rainfall in Vietnam. *International Journal of Climatology*, 38(10), 3801-3821. doi:10.1002/joc.5534

541. Tuan, L. A., Dieu, N. T., et al. (2018). On the Stability of Stochastic Dynamic Equations on Time Scales. *Acta Mathematica Vietnamica*, 43(1), 111-124. doi:10.1007/s40306-017-0220-5

542. Tuan, V. Q., Nguyen, N. V., et al. (2018). Development of an impedance spectroscopy measurement circuit board for protein detection.

543. Tue, N. T., Nguyen, P. T., et al. (2018). Sedimentary composition and organic carbon sources in mangrove forests along the coast of northeast Vietnam. *Regional Studies in Marine Science*, 17, 87-94. doi:10.1016/j.rsma.2017.12.001

544. Tung, D. T., Tran, M. N., & Cuong, T. M. (2018). Bayesian adaptive lasso with variational Bayes for variable selection in high-dimensional generalized linear mixed models. *Communications in Statistics: Simulation and Computation*, 1-14. doi:10.1080/03610918.2017.1387663

545. Tung, L. M., Le, A. T., et al. (2018). Superparamagnetic Iron Oxide@Carbon Core-Shell Nanoparticles as Advanced Adsorbent for Efficient Removal of As(V) Ions From Wastewater. *Ieee Transactions on Magnetics*, 54(6). doi:10.1109/TMAG.2018.2822318

546. Tung, L. V., Le, H. T., et al. (2018). View synthesis method for 3D video coding based on temporal and inter view correlation. *Iet Image Processing*, 12(11), 2111-2118. doi:10.1049/iet-ipr.2018.5390

547. Tung, N. H., Hung, L. Q., et al. (2018). Bioactive Phenolic Compounds from the Roots of Danshen (*Salvia miltiorrhiza*). *Natural Product Communications*, 13(10), 1305-1307.

548. Tung, N. T., & Duc, N. H. (2018). Design and implementing Big Data system for cardiovascular data. *Concurrency Computation*. doi:10.1002/cpe.5068

549. Uchida, N., Viet, P. H., et al. (2018). Hazardous metals emissions from e-waste-processing sites in a village in northern Vietnam. *Emerging Contaminants*. doi:10.1016/j.emcon.2018.10.001

550. Uto, T., Tung, N. H., et al. (2018). Antiproliferative activity and apoptosis induction by trijuganone C isolated from the root of *Salvia miltiorrhiza* Bunge (*Danshen*). *Phytotherapy Research*, 32(4), 657-666. doi:10.1002/ptr.6013

551. Vallejo-Vaz, A. J., Le, T. T., et al. (2018). Overview of the current status of familial hypercholesterolaemia care in over 60 countries - The EAS Familial Hypercholesterolaemia Studies Collaboration (FHSC). *Atherosclerosis*, 277, 234-255. doi:10.1016/j.atherosclerosis.2018.08.051

552. Van Dinh, D., Yoon, B. N., et al. (2018). ICT Enabling Technologies for Smart Cities. In 2018 20th International Conference on Advanced Communication Technology (pp. 606-611). New York: Ieee.

553. Van Dung, D., & Nga, N. T. (2018). Thermomechanical postbuckling analysis of eccentrically stiffened FGM sandwich plates with general Sigmoid and power laws based on TSDT. *Journal of Sandwich Structures and Materials*, 20(8), 907-945. doi:10.1177/1099636216682545

554. Van Hieu, D. (2018). Convergence analysis of a new algorithm for strongly pseudomonotone equilibrium problems. *Numerical Algorithms*, 77(4), 983-1001. doi:10.1007/s11075-017-0350-9

555. Van Hieu, D. (2018). Two hybrid algorithms for solving split equilibrium problems. *International Journal of Computer Mathematics*, 95(3), 561-583. doi:10.1080/00207160.2017.1291934

556. Van Kha, T., Van Vuong, H., et al. (2018). Improving a maximum horizontal gradient algorithm to determine geological body boundaries and fault systems based on gravity data. *Journal of Applied Geophysics*, 152, 161-166. doi:10.1016/j.jappgeo.2018.03.023

557. Van, L. H., Yu, V. F., et al. (2018). New Integrated Quality Function Deployment Approach Based on Interval Neutrosophic Set for Green Supplier Evaluation and Selection. *Sustainability*, 10(3), 13. doi:10.3390/su10030838

558. Van Luot, N., Dat, N. B., & Lam, T. Q. (2018). Subjective well-being among "left-behind children" of labour migrant parents in rural northern Vietnam. *Pertanika Journal of Social Sciences and Humanities*, 26(3), 1529-1545.

559. Van Thanh, N., Dinh Quang, V., et al. (2018). Nonlinear dynamic response and vibration of FG CNTRC shear deformable circular cylindrical shell with temperature-dependent material properties and surrounded on elastic foundations. *Journal of Sandwich Structures and Materials*. doi:10.1177/1099636217752243

560. Van Thanh, P., Nga, N. T. H., et al. (2018). Development of a real-time supported system for firefighters in emergency cases.

561. Van Tien, P., Sassa, K., & Dang, K. (2018). TXT-tool 3.081-1.1 an integrated model simulating the initiation and motion of earthquake and rain-induced rapid landslides and its application to the 2006 leyte landslide. In *Landslide Dynamics: ISDR-ICL Landslide Interactive Teaching Tools* (Vol. 2, pp. 83-100): Springer International Publishing.

562. Van Tien, P., Sassa, K., et al. (2018). TXT-tool 4.081-1.1 mechanism of large-scale deep-seated landslides induced by rainfall on gravitationally deformed slopes: A case study of the kuridaira landslide in the Kii Peninsula, Japan. In *Landslide Dynamics: ISDR-ICL Landslide Interactive Teaching Tools* (Vol. 2, pp. 793-806): Springer International Publishing.

563. Van, X. H. (2018). Statistical search range adaptation solution for effective frame rate up-conversion. *Iet Image Processing*, 12(1), 113-

120. doi:10.1049/iet-ipr.2016.0938

564. Vidal-García, J., Hassan, M., et al. (2018). The efficiency of mutual funds. *Annals of Operations Research*, 267(1-2), 555-584. doi:10.1007/s10479-017-2429-z

565. Vidal-García, J., Vidal, M., et al. (2018). Idiosyncratic risk and mutual fund performance. *Annals of Operations Research*, 1-24. doi:10.1007/s10479-018-2794-2

566. Viet, N. X., Chikae, M., et al. (2018). Enzyme-Free Glucose Sensor Based on Micro-nano Dualporous Gold-Modified Screen-Printed Carbon Electrode. *International Journal of Electrochemical Science*, 13(9), 8633-8644. doi:10.20964/2018.09.08

567. Vinh, P. C., & Anh, V. T. N. (2018). Rayleigh waves in a layered orthotropic elastic half-space with sliding contact. *Journal of Vibration and Control*, 24(10), 2070-2079. doi:10.1177/1077546316677211

568. Vinh, P. C., Anh, V. T. N., et al. (2018). Explicit transfer matrices of pre-stressed elastic layers. *International Journal of Non-Linear Mechanics*, 106, 288-296. doi:10.1016/j.ijnonlinmec.2018.05.011

569. Vinh, P. C., Anh, V. T. N., et al. (2018). Homogenization of very rough interfaces for the micropolar elasticity theory. *Applied Mathematical Modelling*, 54, 467-482. doi:10.1016/j.apm.2017.09.039

570. Vinh, P. C., Aoudia, A., et al. (2018). Rayleigh waves in anisotropic porous media and the polarization vector method. *Wave Motion*, 83, 202-213. doi:10.1016/j.wavemoti.2018.09.009

571. Vinh, P. C., Tuan, T. T., & Hue, L. T. (2018). Formulas for the H/V ratio (ellipticity) of Rayleigh waves in orthotropic elastic half-spaces. *Waves in Random and Complex Media*, 1-16. doi:10.1080/17455030.2018.1470702

572. Vinh, P. C., Tuan, T. T., & Hue, L. T. (2018). Formulas for the H/V ratio of Rayleigh waves in incompressible pre-stressed half-spaces. *Archives of Mechanics*, 70(2), 131-150.

573. Vinh, P. C., Tung, D. X., & Kieu, N. T. (2018). Homogenization of very rough two-dimensional interfaces separating two dissimilar poroelastic solids with time-harmonic motions. *Mathematics and Mechanics of Solids*. doi:10.1177/1081286518794227

574. Vinh, T. Q., Nam, L. T. H., et al. (2018). Effect of Porous Structure and Acidity of ZSM-5/SBA-15 Catalyst on 1,3,5-Triisopropylbenzene Cracking Catalytic Activity. *Journal of Nanoscience and Nanotechnology*, 18(2), 1396-1402. doi:10.1166/jnn.2018.14200

575. Vinh, V. D., Ouillon, S., & Uu, D. V. (2018). Estuarine Turbidity Maxima and Variations of Aggregate Parameters in the Cam-Nam Trieu Estuary, North Vietnam, in Early Wet Season. *Water*, 10(1), 33. doi:10.3390/w10010068

576. Vo, L. T. T., Nguyen, T. T., Le, H. X., & Le, H. T. T. (2018). Analysis of Common -Thalassemia Mutations in North Vietnam. *Hemoglobin*, 42(1), 16-22. doi:10.1080/03630269.2018.1428621

577. Vu, C. M., Pham, T. D., et al. (2018). Improvement the mode I interlaminar fracture toughness of glass fiber reinforced phenolic resin by using epoxidized soybean oil. *Polymer Bulletin*, 75(10), 4769-4782. doi:10.1007/s00289-018-2296-z

578. Vu, C. M., Pham, T. D., et al. (2018). Micro-Fibril Cellulose as a Filler for Glass Fiber Reinforced Unsaturated Polyester Composites: Fabrication and Mechanical Characteristics. *Macromolecular Research*, 26(1), 54-60. doi:10.1007/s13233-018-6006-3

579. Vu, H. V., Lim, S., et al. (2018). Corruption, Types of Corruption and Firm Financial Performance: New Evidence from a Transitional Economy. *Journal of Business Ethics*, 148(4), 847-858. doi:10.1007/s10551-016-3016-y

580. Vu, N. P., Le, X. T., et al. (2018). Electroless nickel plating onto Plexiglas (R) through simple covalent grafting of vinylpyridine seed layer. *Materials & Design*, 144, 151-158. doi:10.1016/j.matdes.2018.02.027

581. Vu, N. T., Ha, Q. T., et al. (2018). A Positive-Unlabeled Learning Model for Extending a Vietnamese Petroleum Dictionary Based on Vietnamese Wikipedia Data. In N. T. Nguyen, D. H. Hoang, T. P. Hong, H. Pham, & B. Trawinski (Eds.), *Intelligent Information and Database Systems, Aciids 2018, Pt I* (Vol. 10751, pp. 190-199). Cham: Springer International Publishing Ag.

582. Vu, T. L., Vo, L. T. T., et al. (2018). Methylation profiles of BRCA1, RASSF1A and GSTP1 in Vietnamese women with breast cancer. *Asian Pacific Journal of Cancer Prevention*, 19(7), 1887-1893. doi:10.22034/APJCP.2018.19.7.1887

583. Vu, T. M. T., Boggiano, V. L., et al. (2018). Sexual risk behaviors of patients with HIV/AIDS over the course of antiretroviral treatment in Northern Vietnam. *International Journal of Environmental Research and Public Health*, 15(6). doi:10.3390/ijerph15061106

584. Vu, T. N., Deng, W. J., et al. (2018). A fast detection of fusion genes from paired-end RNA-seq data. *Bmc Genomics*, 19, 13. doi:10.1186/s12864-018-5156-1

585. Vu, T. X., Ngo, T. T., et al. (2018). A highly efficient *Agrobacterium tumefaciens*-mediated transformation system for the postharvest pathogen *Penicillium digitatum* using DsRed and GFP to visualize citrus host colonization. *Journal of Microbiological Methods*, 144, 134-144. doi:10.1016/j.mimet.2017.11.019

586. Vu, V. V. (2018). An efficient semi-supervised graph based clustering. *Intelligent Data Analysis*, 22(2), 297-307. doi:10.3233/ida-163296

587. Vu, X. H., Duong, T. T. T., et al. (2018). Synthesis and study of silver nanoparticles for antibacterial activity against *Escherichia coli* and *Staphylococcus aureus*. *Advances in Natural Sciences: Nanoscience and Nanotechnology*, 9(2). doi:10.1088/2043-6254/aac58f

588. Vuong, P. M., & Duc, N. D. (2018). Nonlinear response and buckling analysis of eccentrically stiffened FGM toroidal shell segments in thermal environment. *Aerospace Science and Technology*, 79, 383-398. doi:10.1016/j.ast.2018.05.058
589. Vuong, T. T. T., Hao, L. T. H., et al. (2018). Spatial and seasonal variation of diarrheic shellfish poisoning (DSP) toxins in bivalve mollusks from some coastal regions of Vietnam and assessment of potential health risks. *Marine Pollution Bulletin*, 133, 911-919. doi:10.1016/j.marpolbul.2018.06.045
590. Vuong, V. H., Hoang, N. N., et al. (2018). Low field magnetocaloric effect in bulk and ribbon alloy La(Fe<sub>0.88</sub>Si<sub>0.12</sub>)<sub>13</sub>. *Physica B-Condensed Matter*, 532, 115-118. doi:10.1016/j.physb.2017.07.014
591. Weerasinghe, C. A. L., Bui, B. H. T., et al. (2018). Leigh syndrome T8993C mitochondrial DNA mutation: Heteroplasmy and the first clinical presentation in a Vietnamese family. *Molecular Medicine Reports*, 17(5), 6919-6925. doi:10.3892/mmr.2018.8670
592. Weiss, B., Nguyen, T., Trung, L., Ngo, V., & Lau, A. (2018). Tobacco Smoking and Antisocial Deviance among Vietnamese, Vietnamese-American, and European-American Adolescents. *Journal of Abnormal Child Psychology*, 1-11. doi:10.1007/s10802-018-0416-8
593. Wu, J., Yoshida, S., et al. (2018). 94 beta-Decay Half-Lives of Neutron-Rich Cs-55 to Ho-67: Experimental Feedback and Evaluation of the r-Process Rare-Earth Peak Formation (vol 118, 072701, 2017). *Physical Review Letters*, 120(13), 2. doi:10.1103/PhysRevLett.120.139902
594. Wu, Q., Luu, Q. H., et al. (2018). An improved empirical dynamic control system model of global mean sea level rise and surface temperature change. *Theoretical and Applied Climatology*, 132(1-2), 375-385. doi:10.1007/s00704-017-2039-3
595. Yao, G., Thanh, N. T. K., et al. (2018). Taxonomic studies of Glochidion (Phyllanthaceae) from the Indo-China Peninsula (II): The identities of *G. anamiticum* and *G. annamense*. *Phytokeys*(114), 1-9. doi:10.3897/phytokeys.114.30725
596. Yen, L. T. H., Tsurumi, Y., Hop, D. V., & Ando, K. (2018). Three New Anamorph of Ceramothyrium from Fallen Leaves in Vietnam. *Advances in Microbiology*, 8(4), 314-323. doi:10.4236/aim.2018.84021
597. Yen, L. T. H., Yamaguchi, K., et al. (2018). Hamatispora, a new genus of aquatic fungi in Microthyriales isolated from fallen leaves in Vietnam. *Mycoscience*, 59(6), 467-472. doi:10.1016/j.myc.2018.04.004
598. Yoon, B., Toan, D. N., et al. (2018). Study of p-ICN defined performance measurement Enterprise Architecture.
599. Yoon, B., Kim, K., Lam, P. D., et al. (2018). Study of p-ICN defined performance measurement Enterprise Architecture. In 2018 20th International Conference on Advanced Communication Technology (pp. 744-748). New York: Ieee.
600. Zemojtel-Piotrowska, M., Maltby, J., et al. (2018). The mental health continuum-short form: The structure and application for cross-cultural studies-A 38 nation study. *Journal of Clinical Psychology*, 74(6), 1034-1052. doi:10.1002/jclp.22570
601. Zhang, G. X., Watanabe, H., et al. (2018).  $\beta$  -  $\gamma$  and isomeric decay spectroscopy of <sup>168</sup>Dy.
602. Ziegler, T., Minh, D. L., et al. (2018). Morphological and molecular review of Jacob's Mountain Stream Keelback *Opisthotropis jacobi* Angel & Bourret, 1933 (Squamata: Natricidae) with description of a sibling species from northern Vietnam. *Zootaxa*, 4374(4), 476-496. doi:10.11646/zootaxa.4374.4.2
603. Ziegler, T., Ngo, H. N., et al. (2018). A new species of Parafimbrios from northern Vietnam (Squamata: Xenodermatidae). *Zootaxa*, 4527(2), 269-276. doi:10.11646/zootaxa.4527.2.7