

FOS Publications | January 2021 – Present

- (1) Rumbiak, U.; Lai, C.-K.; Al Furqan, R.; Rosana, M.; Yuningsih, E.; Tsikouras, B.; Ifandi, E.; binti Abdul Malik, A. I. A.; Chen, H. Geology, Alteration Geochemistry, and Exploration Geochemical Mapping of the Ertsberg Cu-Au-Mo District in Papua, Indonesia. *J. Geochemical Explor.* **2022**, 232. <https://doi.org/10.1016/j.gexplo.2021.106889>.
- (2) Oslı, L. N.; Shalaby, M. R.; Islam, M. A.; Kalaitzidis, S.; Damoulianou, M. E.; Karim, K. N. P. D.; Tsikouras, B.; Pasadakis, N. Organic Matter Characteristics and Hydrocarbon Generating Potential of the Miocene Belait Formation, Brunei-Muara District, Brunei Darussalam. *J. Pet. Sci. Eng.* **2022**, 208. <https://doi.org/10.1016/j.petrol.2021.109503>.
- (3) Husain, S. A.; Manan, N. A. E. M.; Goergeshua, V. *Determining Suitable Creative and Innovative Teaching Methods for Secondary School Mathematics During COVID-19 Pandemic*; 2022; Vol. 381. https://doi.org/10.1007/978-3-030-79614-3_5.
- (4) Husain, S. A. *The Effectiveness of CANVAS Learning Management System for Teaching Undergraduate Mathematics During COVID-19 Pandemic*; 2022; Vol. 381. https://doi.org/10.1007/978-3-030-79614-3_6.
- (5) Jamil, H.; Ramli, H. M.; Leong, E. *Advocating Blended Learning for University Undergraduate Level Mathematical Instruction Beyond Covid-19*; 2022; Vol. 381. https://doi.org/10.1007/978-3-030-79614-3_4.
- (6) Husain, S. A.; Othman, M.; Khalili, N. N. W. *A Review on the Important Key Properties of Mathematical Models Describing Photovoltaic/Thermal (PV/T) Solar Collectors System*; 2022; Vol. 383. https://doi.org/10.1007/978-3-030-79606-8_11.
- (7) Mohammad, Y. H.; Shivanand, P.; Metali, F.; Taha, H.; Matussin, N. B. A.; Abdul-Halim, A. M. A.-A.; Mohaimin, A. Z. Agarwood Formation in *Aquilaria Beccariana* and *Aquilaria Microcarpa* in Response to Inoculation of Newly Isolated Fungi from Brunei Darussalam. *Biodiversitas* **2021**, 22 (10), 4131–4138. <https://doi.org/10.13057/biodiv/d221002>.
- (8) Hussain, S.; Ullah, S. S.; Shorfuzzaman, M.; Uddin, M.; Kaosar, M. Cryptanalysis of an Online/Offline Certificateless Signature Scheme for Internet of Health Things. *Intell. Autom. Soft Comput.* **2021**, 30 (3), 983–993. <https://doi.org/10.32604/iasc.2021.019486>.
- (9) Ibrahim, M. H.; Metali, F.; U Tennakoon, K.; Sukri, R. S. Impacts of Invasive Acacias on Ion Deposition in a Coastal Bornean Tropical Heath Forest. *J. For. Res.* **2021**. <https://doi.org/10.1080/13416979.2021.1965700>.
- (10) Ahmad, M.; Rehman, W.; Khan, M. M.; Qureshi, M. T.; Gul, A.; Haq, S.; Ullah, R.; Rab, A.; Menaa, F. Phytogenic Fabrication of ZnO and Gold Decorated ZnO Nanoparticles for Photocatalytic Degradation of Rhodamine B. *J. Environ. Chem. Eng.* **2021**, 9 (1). <https://doi.org/10.1016/j.jece.2020.104725>.

- (11) Islam, M. A.; Yunsi, M.; Qadri, S. M. T.; Shalaby, M. R.; Haque, A. K. M. E. Three-Dimensional Structural and Petrophysical Modeling for Reservoir Characterization of the Mangahewa Formation, Pohokura Gas-Condensate Field, Taranaki Basin, New Zealand. *Nat. Resour. Res.* **2021**, *30* (1), 371–394. <https://doi.org/10.1007/s11053-020-09744-x>.
- (12) Zieritz, A.; Jainih, L.; Pfeiffer, J.; Rahim, K. A. A.; Prayogo, H.; Anwari, M. S.; Fikri, A. H.; Diba, F.; Taha, H.; Sulaiman, Z.; Froufe, E.; Lopes-Lima, M. A New Genus and Two New, Rare Freshwater Mussel (Bivalvia: Unionidae) Species Endemic to Borneo Are Threatened by Ongoing Habitat Destruction. *Aquat. Conserv. Mar. Freshw. Ecosyst.* **2021**. <https://doi.org/10.1002/aqc.3695>.
- (13) Joyce, E. M.; Thiele, K. R.; Slik, J. W. F.; Crayn, D. M. Plants Will Cross the Lines: Climate and Available Land Mass Are the Major Determinants of Phytogeographical Patterns in the Sunda-Sahul Convergence Zone. *Biol. J. Linn. Soc.* **2021**, *132* (2), 374–387. <https://doi.org/10.1093/biolinnean/blaa194>.
- (14) Lai, C.-K.; Xia, X.-P.; Hall, R.; Meffre, S.; Tsikouras, B.; Rosana Balangue-Tarriela, M. I.; Idrus, A.; Ifandi, E.; Norazme, N. ' . Cenozoic Evolution of the Sulu Sea Arc-Basin System: An Overview. *Tectonics* **2021**, *40* (2). <https://doi.org/10.1029/2020TC006630>.
- (15) Ng, S. L.; Ong, Y. S.; Khaw, K. Y.; Teh, S. P.; Tan, C. S.; Ming, L. C.; Chan, K.-G.; Lee, L.-H.; Goh, B.-H. Focused Review: Potential Rare and Atypical Symptoms as Indicator for Targeted Covid-19 Screening. *Med.* **2021**, *57* (2), 1–10. <https://doi.org/10.3390/medicina57020189>.
- (16) Awang-Jamil, Z.; Aminuddin, M. F.; Zaidi, B. Q.; Basri, A. M.; Ahmad, N.; Taha, H. Phytochemicals and Antimicrobial Analysis of Selected Medicinal Plants from Brunei Darussalam. *Biodiversitas* **2021**, *22* (2), 601–606. <https://doi.org/10.13057/biodiv/d220211>.
- (17) Nugraha, R. E.; Prasetyoko, D.; Asikin-Mijan, N.; Bahruji, H.; Suprpto, S.; Taufiq-Yap, Y. H.; Jalil, A. A. The Effect of Structure Directing Agents on Micro/Mesopore Structures of Aluminosilicates from Indonesian Kaolin as Deoxygenation Catalysts. *Microporous Mesoporous Mater.* **2021**, *315*. <https://doi.org/10.1016/j.micromeso.2021.110917>.
- (18) Koukounari, A.; Jamil, H.; Erosheva, E.; Shiff, C.; Moustaki, I. Latent Class Analysis: Insights about Design and Analysis of Schistosomiasis Diagnostic Studies. *PLoS Negl. Trop. Dis.* **2021**, *15* (2). <https://doi.org/10.1371/journal.pntd.0009042>.
- (19) Adhikari, J.; Mohd-Naim, N. F.; Ahmed, M. U. Graphene Nanoplatelets/Chitosan-Modified Electrochemical Immunosensor for the Label-Free Detection of Haptoglobin. *IEEE Sens. J.* **2021**, *21* (4), 4176–4183. <https://doi.org/10.1109/JSEN.2020.3033167>.
- (20) Zamri, N. I. I.; Zulmajdi, S. L. N.; Daud, N. Z. A.; Mahadi, A. H.; Kusriani, E.; Usman, A. Insight into the Adsorption Kinetics, Mechanism, and Thermodynamics of Methylene Blue from Aqueous Solution onto Pectin-Alginate-Titania Composite Microparticles. *SN Appl. Sci.* **2021**, *3* (2). <https://doi.org/10.1007/s42452-021-04245-9>.

- (21) Matussin, S. N.; Tan, A. L.; Harunsani, M. H.; Cho, M. H.; Khan, M. M. Green and Phytogetic Fabrication of Co-Doped SnO₂ Using Aqueous Leaf Extract of Tradescantia Spathacea for Photoantioxidant and Photocatalytic Studies. *Bionanoscience* **2021**, *11* (1), 120–135. <https://doi.org/10.1007/s12668-020-00820-3>.
- (22) Hong, W. J.; Shamsuddin, N.; Abas, E.; Apong, R. A.; Masri, Z.; Suhaimi, H.; Gödeke, S. H.; Noh, M. N. A. Water Quality Monitoring with Arduino Based Sensors. *Environ. - MDPI* **2021**, *8* (1), 1–15. <https://doi.org/10.3390/environments8010006>.
- (23) Hussein, B. R.; Malik, O. A.; Ong, W.-H.; Slik, J. W. F. Reconstruction of Damaged Herbarium Leaves Using Deep Learning Techniques for Improving Classification Accuracy. *Ecol. Inform.* **2021**, *61*. <https://doi.org/10.1016/j.ecoinf.2021.101243>.
- (24) Shalaby, M. R. Petrophysical Characteristics and Hydraulic Flow Units of Reservoir Rocks: Case Study from the Khatatba Formation, Qasr Field, North Western Desert, Egypt. *J. Pet. Sci. Eng.* **2021**, *198*. <https://doi.org/10.1016/j.petrol.2020.108143>.
- (25) Kusriani, E.; Sabira, K.; Hashim, F.; Abdullah, N. A.; Usman, A.; Putra, N.; Prasetyanto, E. A. Design, Synthesis and Antiamoebic Activity of Dysprosium-Based Nanoparticles Using Contact Lenses as Carriers against Acanthamoeba Sp. *Acta Ophthalmol.* **2021**, *99* (2), e178–e188. <https://doi.org/10.1111/aos.14541>.
- (26) Marshall, D. J.; Taha, H. An Evolutionary Estuarine Incursion: Molecular Differentiation and Niche Separation in Bornean Indotheis Snails (Rapaninae, Muricidae). *J. Mar. Biol. Assoc. United Kingdom* **2021**, *101* (2), 319–329. <https://doi.org/10.1017/S002531542100014X>.
- (27) Matusin, A. H. A.; Ghani, N. I. A.; Ahmad, N. Pancreatic Islet Regenerative Capability of Dillenia Excelsa in Alloxan-Induced Diabetic Rats. *J. Appl. Pharm. Sci.* **2021**, *11* (3), 121–129. <https://doi.org/10.7324/JAPS.2021.110315>.
- (28) Peiris, D. S. U.; Ekanayake, P.; Karunaratne, B. A.; Petra, M. I. Improved Performance of DSSC Photoanodes After the Modification of TiO₂ with Reduced Graphene Oxide. *J. Electron. Mater.* **2021**, *50* (3), 1044–1053. <https://doi.org/10.1007/s11664-020-08642-5>.
- (29) Kameko, M.; Anderson, M. R.; Lukitosari, V.; Pranggono, B.; Satari, S. Z. Assalamu'alaykum Warahmatullohi Wabarakatuh Selamat Pagi, Salam Sejahtera Untuk Kita Semua. In *Journal of Physics: Conference Series*; 2021; Vol. 1821. <https://doi.org/10.1088/1742-6596/1821/1/011003>.
- (30) Zhang, Z.; Wang, Y.; Li, D.; Wang, W.; Li, S.; Qiu, J.; Lai, C.; Li, X. Hydrothermal Alteration and Mineralization of Baiyun Gold Deposit in Liaodong Peninsula, North China Craton. *Geol. J.* **2021**, *56* (4), 2167–2191. <https://doi.org/10.1002/gj.4065>.
- (31) Rahman, A.; Harunsani, M. H.; Tan, A. L.; Ahmad, N.; Hojamberdiev, M.; Khan, M. M. Effect of Mg Doping on ZnO Fabricated Using Aqueous Leaf Extract of Ziziphus Mauritiana Lam. for Antioxidant and Antibacterial Studies. *Bioprocess Biosyst. Eng.* **2021**, *44* (4), 875–889. <https://doi.org/10.1007/s00449-020-02496-1>.

- (32) Uddin, M. Blockchain Medledger: Hyperledger Fabric Enabled Drug Traceability System for Counterfeit Drugs in Pharmaceutical Industry. *Int. J. Pharm.* **2021**, 597. <https://doi.org/10.1016/j.ijpharm.2021.120235>.
- (33) Lim, L. B. L.; Priyantha, N.; Kamaludin, I. F.; Mohamad Zaidi, N. A. H.; Samaraweera, A. P. G. M. V. Adsorption of Crystal Violet Dye with Cellulose Derived from Bitter Gourd Waste. *Desalin. Water Treat.* **2021**, 217, 431–441. <https://doi.org/10.5004/dwt.2021.26917>.
- (34) Osli, L. N.; Shalaby, M. R.; Islam, M. A. Source Rock Characteristics and Hydrocarbon Generation Potential in Brunei-Muara District, Brunei Darussalam: A Comparative Case Study from Selected Miocene-Quaternary Formations. *J. Pet. Explor. Prod.* **2021**, 11 (4), 1679–1703. <https://doi.org/10.1007/s13202-021-01142-0>.
- (35) Lamit, N.; Tanaka, Y. Effects of River Water Inflow on the Growth, Photosynthesis, and Respiration of the Tropical Seagrass *Halophila Ovalis*. *Bot. Mar.* **2021**, 64 (2), 93–100. <https://doi.org/10.1515/bot-2020-0079>.
- (36) Norarfan, A. F.; Mokti, S. S. A.; Taha, H.; Amin, M.; Ali, M.; Arai, T. DNA Barcoding of a Tropical Anguillid Eel, *Anguilla Bicolor* (Actinopterygii: Anguilliformes), in Indo-Pacific Region and Notes on Its Population Structure. *Zoologia* **2021**, 38. <https://doi.org/10.3897/zoologia.38.e59332>.
- (37) Sholeha, N. A.; Mohamad, S.; Bahruji, H.; Prasetyoko, D.; Widiastuti, N.; Abdul Fatah, N. A.; Jalil, A. A.; Taufiq-Yap, Y. H. Enhanced CO₂ methanation at Mild Temperature on Ni/Zelite from Kaolin: Effect of Metal-Support Interface. *RSC Adv.* **2021**, 11 (27), 16376–16387. <https://doi.org/10.1039/d1ra01014j>.
- (38) Xu, R.; Chen, W.; Deng, M.-G.; Li, W.-C.; Chen, F.-C.; Lai, C.-K.; Sha, J.-Z.; Jia, Z.; Liu, W. Geology and C-O-S-Pb Isotopes of the Fangyangshan Cu-Pb-Zn Deposit in the Baoshan Block (SW China): Implications for Metal Source and Ore Genesis. *Ore Geol. Rev.* **2021**, 132. <https://doi.org/10.1016/j.oregeorev.2021.103992>.
- (39) Shi, Y.; Wang, Y.; Wang, J.; Zhou, G.; Xie, H.; Li, D.; Lai, C.; Tang, H. Formation of the Weiya Magmatic Fe–Ti Oxide Deposit and Its Ore-Hosting Layered Gabbro Intrusion, Eastern Tianshan (Xinjiang, NW China). *Ore Geol. Rev.* **2021**, 132. <https://doi.org/10.1016/j.oregeorev.2021.104003>.
- (40) Shazali, E. R. H.; Morni, N. A. H.; Bakar, M. S. A.; Ahmed, A.; Azad, A. K.; Phusunti, N.; Park, Y.-K. Characterisation and Co-Pyrolytic Degradation of the Sawdust and Waste Tyre Blends to Study the Effect of Temperature on the Yield of the Products. *Appl. Chem. Eng.* **2021**, 32 (2), 205–213. <https://doi.org/10.14478/ace.2020.1110>.
- (41) Lim, L. B. L.; Priyantha, N.; Latip, S. A. A.; Lu, Y. Sequestration of Toxic Congo Red Dye through the Utilization of Red Dragon Fruit Peel: Linear versus Nonlinear Regression Analyses of Isotherm and Kinetics. *Desalin. Water Treat.* **2021**, 218, 409–422. <https://doi.org/10.5004/dwt.2021.26977>.

- (42) Cicuzza, D. Rare Pteridophytes Are Disproportionately Frequent in the Tropical Forest of Xishuangbanna, Yunnan, China. *Acta Oecologica* **2021**, *110*. <https://doi.org/10.1016/j.actao.2021.103717>.
- (43) Arroyo-Rodríguez, V.; Fahrig, L.; Watling, J. I.; Nowakowski, J.; Tabarelli, M.; Tischendorf, L.; Melo, F. P. L.; Santos, B. A.; Benchimol, M.; Morante-Filho, J. C.; Vieira, I. C. G.; Tschardtke, T. Preserving 40% Forest Cover Is a Valuable and Well-Supported Conservation Guideline: Reply to Banks-Leite et Al. *Ecol. Lett.* **2021**, *24* (5), 1114–1116. <https://doi.org/10.1111/ele.13689>.
- (44) Kumar, S.; Arockiaraj, M.; Esokkiya, A.; Sudalaimani, S.; Hansda, S.; Sivakumar, C.; Sulaiman, Y.; Khan, M. M.; Giribabu, K. Ion-Pair Facilitated Non-Enzymatic Electrochemical Sensing of Cadaverine and Putrescine. *J. Electrochem. Soc.* **2021**, *168* (4). <https://doi.org/10.1149/1945-7111/abf263>.
- (45) Lim, L. B. L.; Chan, C. M.; Romzi, A. A.; Priyantha, N. Diplazium Esculentum (Paku Pakis) Adsorption Characteristics toward Toxic Brilliant Green Dye. *Desalin. Water Treat.* **2021**, *223*, 350–362. <https://doi.org/10.5004/dwt.2021.27066>.
- (46) Naidi, S. N.; Khan, F.; Tan, A. L.; Harunsani, M. H.; Kim, Y.-M.; Khan, M. M. Photoantioxidant and Antibiofilm Studies of Green Synthesized Sn-Doped CeO₂ nanoparticles Using Aqueous Leaf Extracts of: Pometia Pinnata. *New J. Chem.* **2021**, *45* (17), 7816–7829. <https://doi.org/10.1039/d1nj00416f>.
- (47) Lim, M. J.; Shahri, N. N. M.; Taha, H.; Mahadi, A. H.; Kusrini, E.; Lim, J. W.; Usman, A. Biocompatible Chitin-Encapsulated CdS Quantum Dots: Fabrication and Antibacterial Screening. *Carbohydr. Polym.* **2021**, *260*. <https://doi.org/10.1016/j.carbpol.2021.117806>.
- (48) Ahmed, A.; Abu Bakar, M. S.; Razzaq, A.; Hidayat, S.; Jamil, F.; Amin, M. N.; Sukri, R. S.; Shah, N. S.; Park, Y.-K. Characterization and Thermal Behavior Study of Biomass from Invasive Acacia Mangium Species in Brunei Preceding Thermochemical Conversion. *Sustain.* **2021**, *13* (9). <https://doi.org/10.3390/su13095249>.
- (49) Jui-Kai Chen, J.; Chiang, W.-Y.; Kudo, T.; Usman, A.; Masuhara, H. Nanoparticle Assembling Dynamics Induced by Pulsed Optical Force. *Chem. Rec.* **2021**, *21* (6), 1473–1488. <https://doi.org/10.1002/tcr.202100005>.
- (50) Ma, P.-F.; Xia, X.-P.; Lai, C.-K.; Cai, K.-D.; Cui, Z.-X.; Xu, J.; Zhang, L.; Yang, Q. Evolution of the Tethyan Bangong-Nujiang Ocean and Its SE Asian Connection: Perspective from the Early Cretaceous High-Mg Granitoids in SW China. *Lithos* **2021**, *388–389*. <https://doi.org/10.1016/j.lithos.2021.106074>.
- (51) Zunaidi, A. A.; Lim, L. H.; Metali, F. Assessments of Heavy Metals in Commercially Available Fertilizers in Brunei Darussalam. *Agric. Res.* **2021**, *10* (2), 234–242. <https://doi.org/10.1007/s40003-020-00500-4>.

- (52) Arai, T.; Taha, H. Contrasting Patterns of Genetic Population Structure in Tropical Freshwater Eels of Genus *Anguilla* in the Indo-Pacific. *Heliyon* **2021**, *7* (5). <https://doi.org/10.1016/j.heliyon.2021.e07097>.
- (53) Kamaluddin, M. R.; Zamri, N. I. I.; Kusriani, E.; Prihandini, W. W.; Mahadi, A. H.; Usman, A. Photocatalytic Activity of Kaolin–Titania Composites to Degrade Methylene Blue under UV Light Irradiation; Kinetics, Mechanism and Thermodynamics. *React. Kinet. Mech. Catal.* **2021**, *133* (1), 517–529. <https://doi.org/10.1007/s11144-021-01986-x>.
- (54) Chen, C.-W.; Lindsay, S.; Middleton, D. J.; Cicuzza, D.; Schuettpelez, E. New Combinations and Typifications in Haplopteris (Pteridaceae: Vittarioideae). *Kew Bull.* **2021**, *76* (2), 323–326. <https://doi.org/10.1007/s12225-021-09943-6>.
- (55) Tan, P. X.; Thiyagarasaiyar, K.; Tan, C.-Y.; Jeon, Y.-J.; Nadzir, M. S. M.; Wu, Y.-J.; Low, L.-E.; Atanasov, A. G.; Ming, L. C.; Liew, K. B.; Goh, B.-H.; Yow, Y.-Y. Algae-Derived Anti-Inflammatory Compounds against Particulate Matters-Induced Respiratory Diseases: A Systematic Review. *Mar. Drugs* **2021**, *19* (6). <https://doi.org/10.3390/md19060317>.
- (56) Qu, G.-Y.; Wang, K.-Y.; Yang, H.; Sun, Q.-F.; Li, J.; Cai, W.-Y.; Lai, C.-K. Fluid Inclusions, H-O-S-Pb Isotopes and Metallogenic Implications of Triassic Hua’naote Ag-Pb-Zn Deposit (Inner Mongolia, China) in the Eastern Central Asian Orogenic Belt. *J. Geochemical Explor.* **2021**, *225*. <https://doi.org/10.1016/j.gexplo.2021.106766>.
- (57) Rahman, A.; Harunsani, M. H.; Tan, A. L.; Ahmad, N.; Min, B.-K.; Khan, M. M. Influence of Mg and Cu Dual-Doping on Phytogenic Synthesized ZnO for Light Induced Antibacterial and Radical Scavenging Activities. *Mater. Sci. Semicond. Process.* **2021**, *128*. <https://doi.org/10.1016/j.mssp.2021.105761>.
- (58) Liao, M.-L.; Li, G.-Y.; Wang, J.; Marshall, D. J.; Hui, T. Y.; Ma, S.-Y.; Zhang, Y.-M.; Helmuth, B.; Dong, Y.-W. Physiological Determinants of Biogeography: The Importance of Metabolic Depression to Heat Tolerance. *Glob. Chang. Biol.* **2021**, *27* (11), 2561–2579. <https://doi.org/10.1111/gcb.15578>.
- (59) Goeting, S.; Fiorini, F.; Benedetti, A.; Kocsis, L.; Roslim, A.; Zaini, N.; Briguglio, A. *Catalogue of Modern Smaller Benthic Foraminifera from Offshore Brunei Darussalam*; 2021; Vol. 318. <https://doi.org/10.1127/pala/2021/0103>.
- (60) Karri, S. L.; De Silva, L. C.; Lai, D. T. C.; Yong, S. Y. Identification and Classification of Driving Behaviour at Signalized Intersections Using Support Vector Machine. *Int. J. Autom. Comput.* **2021**, *18* (3), 480–491. <https://doi.org/10.1007/s11633-021-1295-y>.
- (61) Rahman, A.; Harunsani, M. H.; Tan, A. L.; Khan, M. M. Zinc Oxide and Zinc Oxide-Based Nanostructures: Biogenic and Phytogenic Synthesis, Properties and Applications. *Bioprocess Biosyst. Eng.* **2021**, *44* (7), 1333–1372. <https://doi.org/10.1007/s00449-021-02530-w>.
- (62) Tehubijuluw, H.; Subagyo, R.; Yulita, M. F.; Nugraha, R. E.; Kusumawati, Y.; Bahruji, H.; Jalil, A. A.; Hartati, H.; Prasetyoko, D. Utilization of Red Mud Waste into Mesoporous

- ZSM-5 for Methylene Blue Adsorption-Desorption Studies. *Environ. Sci. Pollut. Res.* **2021**, 28 (28), 37354–37370. <https://doi.org/10.1007/s11356-021-13285-y>.
- (63) Botfalvai, G.; Csiki-Sava, Z.; Kocsis, L.; Albert, G.; Magyar, J.; Bodor, E. R.; Țabără, D.; Ulyanov, A.; Makádi, L. 'X' Marks the Spot! Sedimentological, Geochemical and Palaeontological Investigations of Upper Cretaceous (Maastrichtian) Vertebrate Fossil Localities from the Vălioara Valley (Densuș-Ciula Formation, Hațeg Basin, Romania). *Cretac. Res.* **2021**, 123. <https://doi.org/10.1016/j.cretres.2021.104781>.
- (64) Tsikouras, B.; La, C. K.; Ifandi, E.; Norazme, N. A.; Teo, C. H.; Xia, X. P. New Zircon Radiometric U-Pb Ages And Lu-Hf Isotopic Data From The Ultramafic-Mafic Sequences Of Ranau And Telupid (Sabah, Eastern Malaysia): Time To Reconsider The Geological Evolution Of Southeast Asia? *Geology* **2021**, 49 (7), 789–793. <https://doi.org/10.1130/G48126.1>.
- (65) Hussein, B. R.; Malik, O. A.; Ong, W.-H.; Slik, J. W. F. Automated Extraction of Phenotypic Leaf Traits of Individual Intact Herbarium Leaves from Herbarium Specimen Images Using Deep Learning Based Semantic Segmentation. *Sensors* **2021**, 21 (13). <https://doi.org/10.3390/s21134549>.
- (66) Nugraha, R. E.; Prasetyoko, D.; Bahruji, H.; Suprpto, S.; Asikin-Mijan, N.; Oetami, T. P.; Jalil, A. A.; Vo, D.-V.; Taufiq-Yap, Y. H. Lewis Acid Ni/Al-MCM-41 Catalysts for H₂-Free Deoxygenation Of Reutealis Trisperma Oil to Biofuels. *RSC Adv.* **2021**, 11 (36), 21885–21896. <https://doi.org/10.1039/d1ra03145g>.
- (67) Al Shaaibi, M.; Ali, J.; Duraman, N.; Tsikouras, B.; Masri, Z. Assessment of Radioactivity Concentration in Intertidal Sediments from Coastal Provinces in Oman and Estimation of Hazard and Radiation Indices. *Mar. Pollut. Bull.* **2021**, 168. <https://doi.org/10.1016/j.marpolbul.2021.112442>.
- (68) Rahman, A.; Harunsani, M. H.; Tan, A. L.; Ahmad, N.; Khan, M. M. Antioxidant and Antibacterial Studies of Phytogenic Fabricated ZnO Using Aqueous Leaf Extract of *Ziziphus Mauritiana* Lam. *Chem. Pap.* **2021**, 75 (7), 3295–3308. <https://doi.org/10.1007/s11696-021-01553-7>.
- (69) Ruiz, P.; Fernández, C.; Ifandi, E.; Eloy, P.; Meza-Trujillo, I.; Devred, F.; Gaigneaux, E. M.; Tsikouras, B. Abiotic Transformation of H₂ and CO₂ into Methane on a Natural Chromitite Rock. *ACS Earth Sp. Chem.* **2021**, 5 (7), 1695–1708. <https://doi.org/10.1021/acsearthspacechem.1c00046>.
- (70) Naqvi, S. Q.-U.-A.; Raza, S. A.; Soon, Y. W.; Liu, Y.; Jennings, J. R. A New WO₃/FeVO₄ Nanostructured Heterojunction for Solar-Driven Water Oxidation. In *IOP Conference Series: Earth and Environmental Science*; 2021; Vol. 813. <https://doi.org/10.1088/1755-1315/813/1/012011>.
- (71) Naqvi, S. Q.-U.-A.; Raza, S. A.; Soon, Y. W.; Liu, Y.; Jennings, J. R. Low-Cost Preparation of WO₃/BiVO₄ Nanocomposite Photoanodes for Photoelectrochemical Water Oxidation. In *IOP Conference Series: Earth and*

Environmental Science; 2021; Vol. 812. <https://doi.org/10.1088/1755-1315/812/1/012007>.

- (72) Holilah, H.; Prasetyoko, D.; Ediati, R.; Bahruji, H.; Jalil, A. A.; Asranudin, A.; Anggraini, S. D. Hydrothermal Assisted Isolation of Microcrystalline Cellulose from Pepper (*Piper Nigrum* L.) Processing Waste for Making Sustainable Bio-Composite. *J. Clean. Prod.* **2021**, 305. <https://doi.org/10.1016/j.jclepro.2021.127229>.
- (73) Naidi, S. N.; Khan, F.; Tan, A. L.; Harunsani, M. H.; Kim, Y.-M.; Khan, M. M. Green Synthesis of CeO₂ and Zr/Sn-Dual Doped CeO₂ nanoparticles with Photoantioxidant and Antibiofilm Activities. *Biomater. Sci.* **2021**, 9 (14), 4854–4869. <https://doi.org/10.1039/d1bm00298h>.
- (74) Kulasooriya, T. P. K.; Priyantha, N.; Navaratne, A. N.; Bandaranayake, A.; Lim, L. B. L. Efficient Removal of Phosphate from Aqueous Solution by Burnt Brick Clay: Static Conditions. *Desalin. Water Treat.* **2021**, 227, 177–187. <https://doi.org/10.5004/dwt.2021.27203>.
- (75) Naidi, S. N.; Harunsani, M. H.; Tan, A. L.; Khan, M. M. Green-Synthesized CeO₂ nanoparticles for Photocatalytic, Antimicrobial, Antioxidant and Cytotoxicity Activities. *J. Mater. Chem. B* **2021**, 9 (28), 5599–5620. <https://doi.org/10.1039/d1tb00248a>.
- (76) Quan, D. P.; Thao, B. T. P.; Trang, N. V.; Huy, N. L.; Dung, N. Q.; Ahmed, M. U.; Lam, T. D. The Role of Copper Nanoparticles Decorating Polydopamine/Graphene Film as Catalyst in the Enhancement of Uric Acid Sensing. *J. Electroanal. Chem.* **2021**, 893. <https://doi.org/10.1016/j.jelechem.2021.115322>.
- (77) Liew, C.-S.; Kiatkittipong, W.; Lim, J.-W.; Lam, M.-K.; Ho, Y.-C.; Ho, C.-D.; Ntwampe, S. K. O.; Mohamad, M.; Usman, A. Stabilization of Heavy Metals Loaded Sewage Sludge: Reviewing Conventional to State-of-the-Art Thermal Treatments in Achieving Energy Sustainability. *Chemosphere* **2021**, 277. <https://doi.org/10.1016/j.chemosphere.2021.130310>.
- (78) Dana, C. D. P.; Idrus, A.; Setiawan, I.; Handayani, E.; Yurniadi, F.; Meak, I. A.; Lai, C. K. Geology, Vein Textures, and Fluid Inclusions of the Cibeber Low-Intermediate Sulfidation Epithermal Au-Ag Orefield, Western Java. *Indones. J. Geosci.* **2021**, 8 (2), 157–175. <https://doi.org/10.17014/ijog.8.2.157-175>.
- (79) Roy Chowdhury, R.; Aneja, S.; Aneja, N.; Abas, P. E. Packet-Level and IEEE 802.11 MAC Frame-Level Network Traffic Traces Data of the D-Link IoT Devices. *Data Br.* **2021**, 37. <https://doi.org/10.1016/j.dib.2021.107208>.
- (80) Habib, I. Y.; Burhan, J.; Jaladi, F.; Lim, C. M.; Usman, A.; Kumara, N. T. R. N.; Tsang, S. C. E.; Mahadi, A. H. Effect of Cr Doping in CeO₂ Nanostructures on Photocatalysis and H₂O₂ Assisted Methylene Blue Dye Degradation. *Catal. Today* **2021**, 375, 506–513. <https://doi.org/10.1016/j.cattod.2020.04.008>.

- (81) Rahman, A.; Tan, A. L.; Harunsani, M. H.; Ahmad, N.; Hojamberdiev, M.; Khan, M. M. Visible Light Induced Antibacterial and Antioxidant Studies of ZnO and Cu-Doped ZnO Fabricated Using Aqueous Leaf Extract of Ziziphus Mauritiana Lam. *J. Environ. Chem. Eng.* **2021**, *9* (4). <https://doi.org/10.1016/j.jece.2021.105481>.
- (82) Tsikouras, B.; Bijaksana, S.; Rosandi, Y. Editorial: Frontiers in Southeast Asian Geosciences. *Front. Earth Sci.* **2021**, *9*. <https://doi.org/10.3389/feart.2021.754238>.
- (83) Wu, T.; Huang, Z.; He, Y.; Yang, M.; Fan, H.; Wei, C.; Ye, L.; Hu, Y.; Xiang, Z.; Lai, C. Metal Source and Ore-Forming Process of the Maoping Carbonate-Hosted Pb-Zn Deposit in Yunnan, SW China: Evidence from Deposit Geology and Sphalerite Pb-Zn-Cd Isotopes. *Ore Geol. Rev.* **2021**, *135*.
<https://doi.org/10.1016/j.oregeorev.2021.104214>.
- (84) Rahmawati, Z.; Holilah, H.; Purnami, S. W.; Bahruji, H.; Oetami, T. P.; Prasetyoko, D. Statistical Optimisation Using Taguchi Method for Transesterification of Reutealis Trisperma Oil to Biodiesel on CaO-ZnO Catalysts. *Bull. Chem. React. Eng. & Catal.* **2021**, *16* (3), 686–695. <https://doi.org/10.9767/BCREC.16.3.10648.686-695>.
- (85) Raza, S. A.; Naqvi, S. Q.; Usman, A.; Jennings, J. R.; Soon, Y. W. Spectroscopic Study of the Interaction between Rhodamine B and Graphene. *J. Photochem. Photobiol. A Chem.* **2021**, *418*. <https://doi.org/10.1016/j.jphotochem.2021.113417>.
- (86) Liang, P.; Chen, H.; Zhao, L.; Wu, C.; Xie, Y.; Lai, C.-K. Deciphering Fluid Origins in the Paleozoic Laoshankou Fe-Cu-Au Deposit, East Junggar: Constraints from Noble Gases and Halogens. *Geosci. Front.* **2021**, *12* (5). <https://doi.org/10.1016/j.gsf.2021.101173>.
- (87) Liu, J.; Zhao, Y.; Si, X.; Feng, G.; Slik, F.; Zhang, J. University Campuses as Valuable Resources for Urban Biodiversity Research and Conservation. *Urban For. Urban Green.* **2021**, *64*. <https://doi.org/10.1016/j.ufug.2021.127255>.
- (88) Narudin, N.; Ekanayake, P.; Soon, Y. W.; Nakajima, H.; Lim, C. M. Enhanced Properties of Low-Cost Carbon Black-Graphite Counter Electrode in DSSC by Incorporating Binders. *Sol. Energy* **2021**, *225*, 237–244.
<https://doi.org/10.1016/j.solener.2021.06.070>.
- (89) Davydov, O.; Yeo, W. P. C¹ Piecewise Quadratic Hierarchical Bases. *Appl. Comput. Harmon. Anal.* **2021**, *54*, 250–272. <https://doi.org/10.1016/j.acha.2021.03.002>.
- (90) Hartati; Firda, P. B. D.; Bahruji, H.; Bakar, M. B. Review on Heterogeneous Catalysts for the Synthesis of Perfumery Chemicals via Isomerization, Acetalization and Hydrogenation. *Flavour Fragr. J.* **2021**, *36* (5), 509–525.
<https://doi.org/10.1002/ffj.3671>.
- (91) Limin, A.; Slik, F.; Sukri, R. S.; Chen, S.-B.; Ahmad, J. A. Large Tree Species Composition, Not Growth Rates, Is Affected by Topography in a Bornean Tropical Forest. *Biotropica* **2021**, *53* (5), 1290–1300. <https://doi.org/10.1111/btp.12969>.

- (92) Damit, N. S. H. H.; Hamid, M. H. S. A.; Rahman, N. S. R. H. A.; Ilias, S. N. H. H.; Keasberry, N. A. Synthesis, Structural Characterisation and Antibacterial Activities of Lead(II) and Some Transition Metal Complexes Derived from Quinoline-2-Carboxaldehyde 4-Methyl-3-Thiosemicarbazone. *Inorganica Chim. Acta* **2021**, 527. <https://doi.org/10.1016/j.ica.2021.120557>.
- (93) Hossain, M. S.; Sharfaraz, A.; Dutta, A.; Ahsan, A.; Masud, M. A.; Ahmed, I. A.; Goh, B. H.; Urbi, Z.; Sarker, M. M. R.; Ming, L. C. A Review of Ethnobotany, Phytochemistry, Antimicrobial Pharmacology and Toxicology of *Nigella Sativa* L. *Biomed. Pharmacother.* **2021**, 143. <https://doi.org/10.1016/j.biopha.2021.112182>.
- (94) Tanaka, Y.; Minggat, E.; Roseli, W. The Impact of Tropical Land-Use Change on Downstream Riverine and Estuarine Water Properties and Biogeochemical Cycles: A Review. *Ecol. Process.* **2021**, 10 (1). <https://doi.org/10.1186/s13717-021-00315-3>.
- (95) Mahmud, H. N. M. E.; Kamal, S. J.; Mohamad, N.; Sharma, A. K.; Saharan, P.; Santos, J. H.; Zakaria, S. N. A. Nanoconducting Polymer: An Effective Adsorbent for Dyes. *Chem. Pap.* **2021**, 75 (10), 5173–5185. <https://doi.org/10.1007/s11696-021-01665-0>.
- (96) Sideridis, A.; Zaccarini, F.; Koutsovitis, P.; Grammatikopoulos, T.; Tsikouras, B.; Garuti, G.; Hatzipanagiotou, K. Chromitites from the Vavdos Ophiolite (Chalkidiki, Greece): Petrogenesis and Geotectonic Settings; Constrains from Spinel, Olivine Composition, PGE Mineralogy and Geochemistry. *Ore Geol. Rev.* **2021**, 137. <https://doi.org/10.1016/j.oregeorev.2021.104289>.
- (97) Shalaby, M. R.; Mahlstedt, N.; Osli, L. N.; Islam, M. A. Phase Kinetics for Assessing the Compositional Evolution of Petroleum Generated from the Early to Late Miocene Source Rock, Belait Formation, Brunei-Muara District, Brunei Darussalam. *J. Pet. Sci. Eng.* **2021**, 206. <https://doi.org/10.1016/j.petrol.2021.108965>.
- (98) Rafieh, A. I.; Ekanayake, P.; Nakajima, H.; Mahadi, A. H.; Abu, M.; Don, M. F.; Lim, C. M. Enhanced N719 Dye Adsorption onto Ca and La Doped Mesoporous TiO₂ Anodes for Dye-Sensitized Solar Cells. *J. Electron. Mater.* **2021**, 50 (10), 5788–5795. <https://doi.org/10.1007/s11664-021-09121-1>.
- (99) Lee, S. H. F.; Abdul Rahman, H.; Abidin, N.; Ong, S. K.; Leong, E.; Naing, L. Survival of Colorectal Cancer Patients in Brunei Darussalam: Comparison between 2002–09 and 2010–17. *BMC Cancer* **2021**, 21 (1). <https://doi.org/10.1186/s12885-021-08224-6>.
- (100) Zain, N. M.; Lim, C. M.; Usman, A.; Keasberry, N.; Thotagamuge, R.; Mahadi, A. H. Synergistic Effect of TiO₂ Size on Activated Carbon Composites for Ruthenium N-3 Dye Adsorption and Photocatalytic Degradation in Wastewater Treatment. *Environ. Nanotechnology, Monit. Manag.* **2021**, 16. <https://doi.org/10.1016/j.enmm.2021.100567>.
- (101) Ahmed, A.; Hidayat, S.; Abu Bakar, M. S.; Azad, A. K.; Sukri, R. S.; Phusunti, N. Thermochemical Characterisation of *Acacia Auriculiformis* Tree Parts via Proximate, Ultimate, TGA, DTG, Calorific Value and FTIR Spectroscopy Analyses to Evaluate Their

- Potential as a Biofuel Resource. *Biofuels* **2021**, *12* (1), 9–20.
<https://doi.org/10.1080/17597269.2018.1442663>.
- (102) Cai, W.-Y.; Wang, K.-Y.; Li, J.; Fu, L.-J.; Lai, C.-K.; Liu, H.-L. Geology, Geochronology and Geochemistry of Large Duobaoshan Cu–Mo–Au Orefield in NE China: Magma Genesis and Regional Tectonic Implications. *Geosci. Front.* **2021**, *12* (1), 265–292.
<https://doi.org/10.1016/j.gsf.2020.04.013>.
- (103) Ibrahim, M. H.; Sukri, R. S.; Tennakoon, K. U.; Le, Q.-V.; Metali, F. Photosynthetic Responses of Invasive Acacia Mangium and Co-Existing Native Heath Forest Species to Elevated Temperature and CO₂ Concentrations. *J. Sustain. For.* **2021**, *40* (6), 573–593. <https://doi.org/10.1080/10549811.2020.1792317>.
- (104) Xu, R.; Deng, M.-G.; Li, W.-C.; Lai, C.-K.; Zaw, K.; Gao, Z.-W.; Chen, Y.-H.; Niu, C.-H.; Liang, G. Origin of the Giant Luziyuan Zn-Pb-Fe(-Cu) Distal Skarn Deposit, Baoshan Block, SE Tibet: Constraints from Pb–Sr Isotopes, Calcite C–O Isotopes, Trace Elements and Sm–Nd Dating. *J. Asian Earth Sci.* **2021**, *205*.
<https://doi.org/10.1016/j.jseaes.2020.104587>.
- (105) Adhikari, J.; Rizwan, M.; Dennany, L.; Ahmed, M. U. Electrochemiluminescence Nanoimmunosensor for CD63 Protein Using a Carbon Nanochips/Iron Oxide/Nafion-Nanocomposite Modified Mesoporous Carbon Interface. *Meas. J. Int. Meas. Confed.* **2021**, *170*. <https://doi.org/10.1016/j.measurement.2020.108755>.
- (106) Santoso, E.; Ediati, R.; Istiqomah, Z.; Sulistiono, D. O.; Nugraha, R. E.; Kusumawati, Y.; Bahruji, H.; Prasetyoko, D. Facile Synthesis of ZIF-8 Nanoparticles Using Polar Acetic Acid Solvent for Enhanced Adsorption of Methylene Blue. *Microporous Mesoporous Mater.* **2021**, *310*. <https://doi.org/10.1016/j.micromeso.2020.110620>.
- (107) Davies, S. J.; Abiem, I.; Abu Salim, K.; Aguilar, S.; Allen, D.; Alonso, A.; Anderson-Teixeira, K.; Andrade, A.; Arellano, G.; Ashton, P. S.; Zimmerman, J. K.; Zuleta, D. ForestGEO: Understanding Forest Diversity and Dynamics through a Global Observatory Network. *Biol. Conserv.* **2021**, *253*.
<https://doi.org/10.1016/j.biocon.2020.108907>.
- (108) Malik, O. A. Deep Autoencoder for Identification of Abnormal Gait Patterns Based on Multimodal Biosignals. *Int. J. Comput. Digit. Syst.* **2021**, *10* (1), 1–8.
<https://doi.org/10.12785/ijcds/100101>.
- (109) Islam, M. S.; Ullah, S. M.; Jolly, Y. N.; Islam, M. A.; Biswas, P. K. Petrological, Geochemical, and Microfacies Analysis of the Sylhet Limestone, Bengal Basin, Bangladesh: Implication for Depositional Environment and Diagenesis. *Arab. J. Geosci.* **2021**, *14* (1). <https://doi.org/10.1007/s12517-020-06308-4>.
- (110) Qadri, S. M. T.; Malik, O. A. Establishing Site Response-Based Micro-Zonation by Applying Machine Learning Techniques on Ambient Noise Data: A Case Study from Northern Potwar Region, Pakistan. *Environ. Earth Sci.* **2021**, *80* (2).
<https://doi.org/10.1007/s12665-020-09322-7>.

- (111) Afroze, S.; Absah, H. Q. H. H.; Reza, M. S.; Somalu, M. R.; Park, J.-Y.; Nekoonam, S.; Issakhov, A.; Azad, A. K. Structural and Electrochemical Properties of Lanthanum Silicate Apatites $\text{La}_{10}\text{Si}_6\text{-x-0.2Al}_x\text{Zn}_{0.2}\text{O}_{27-\Delta}$ for Solid Oxide Fuel Cells (SOFCs). *Int. J. Chem. Eng.* **2021**, 2021. <https://doi.org/10.1155/2021/6621373>.
- (112) Husain, S. A.; Rhyme, N. H. M. *Decision Support Method for Agricultural Irrigation Scenarios Performance Using WEAP Model*; 2021; Vol. 319. https://doi.org/10.1007/978-981-15-8987-4_7.
- (113) Pg Damit, D. N. F.; Senanayake, S. M. N. A.; Malik, O. A.; Tuah, N. J. Integrated Neuromuscular Fatigue Analysis System for Soldiers' Load Carriage Trial Using DWT. *Int. J. Biomed. Eng. Technol.* **2021**, 35 (1), 1–18. <https://doi.org/10.1504/IJBET.2021.112831>.
- (114) Maida, A. M.; Yakasai, I.; Abas, P. E.; Nauman, M. M.; Apong, R. A.; Kaijage, S.; Begum, F. Design and Simulation of Photonic Crystal Fiber for Liquid Sensing. *Photonics* **2021**, 8 (1), 1–14. <https://doi.org/10.3390/photonics8010016>.
- (115) Widiarti, N.; Bahruji, H.; Holilah, H.; Ni'mah, Y. L.; Ediati, R.; Santoso, E.; Jalil, A. A.; Hamid, A.; Prasetyoko, D. Upgrading Catalytic Activity of NiO/CaO/MgO from Natural Limestone as Catalysts for Transesterification of Coconut Oil to Biodiesel. *Biomass Convers. Biorefinery* **2021**. <https://doi.org/10.1007/s13399-021-01373-5>.
- (116) Mohamad Zaidi, N. A. H.; Sallehuddin, F. N.; Lim, L. B. L.; Kooh, M. R. R. Surface Modification of *Artocarpus Odoratissimus* Leaves Using NaOH, SDS and EDTA to Enhance Adsorption of Toxic Crystal Violet Dye. *Int. J. Environ. Anal. Chem.* **2021**. <https://doi.org/10.1080/03067319.2021.1884238>.
- (117) Chieng, C. W. S.; Zaidi, N. A. H. M.; Priyantha, N.; Lu, Y.; Lim, L. B. L. Adsorption Characteristics of *Sauropus Androgynus* and Its Base Modified Form toward Cationic Crystal Violet Dye. *Desalin. Water Treat.* **2021**, 210, 446–460. <https://doi.org/10.5004/dwt.2021.26576>.
- (118) Ismail, N.; Malik, O. A. Real-Time Visual Inspection System for Grading Fruits Using Computer Vision and Deep Learning Techniques. *Inf. Process. Agric.* **2021**. <https://doi.org/10.1016/j.inpa.2021.01.005>.
- (119) Marshall, D. J.; Taha, H.; Brahim, A.; Abdelhady, A. A. Supratidal Existence Drives Phenotypic Divergence, but Not Speciation, in Tropical Rocky-Shore Snails. *Biol. J. Linn. Soc.* **2021**, 132 (1), 1–16. <https://doi.org/10.1093/biolinnean/blaa164>.
- (120) Mohd-Kipli, F.; Claridge, J. K.; Habjanic, J.; Jiang, A.; Schnell, J. R. Conformational Triggers Associated with Influenza Matrix Protein 1 Polymerization. *J. Biol. Chem.* **2021**, 296. <https://doi.org/10.1016/j.jbc.2021.100316>.
- (121) Kurup, C. P.; Tlili, C.; Zakaria, S. N. A.; Ahmed, M. U. Recent Trends in Design and Development of Nanomaterial-Based Aptasensors. *Biointerface Res. Appl. Chem.* **2021**, 11 (6), 14057–14077. <https://doi.org/10.33263/BRIAC116.1405714077>.

- (122) Shah, A. A. Comment on “Morphotectonic Analysis of Aripal Basin in the North-Western Himalayas (India): An Evaluation of Tectonics Derived from Geomorphic Indices [Quat. Int. 568 (2020) 103–115].” *Quat. Int.* **2021**.
<https://doi.org/10.1016/j.quaint.2021.01.024>.
- (123) Taha, H.; Shivanand, P.; Zainudin, M. A. A.; Hadanan, N. A. Short Communication: Identification of Culturable Marine Fungi and Bacteria from Coastal Region in Brunei Darussalam. *Biodiversitas* **2021**, 22 (3), 1326–1331.
<https://doi.org/10.13057/biodiv/d220332>.
- (124) Asbollah, M. A.; Mahadi, A. H.; Kusrini, E.; Usman, A. Synergistic Effect in Concurrent Removal of Toxic Methylene Blue and Acid Red-1 Dyes from Aqueous Solution by Durian Rind: Kinetics, Isotherm, Thermodynamics, and Mechanism. *Int. J. Phytoremediation* **2021**. <https://doi.org/10.1080/15226514.2021.1901851>.
- (125) Uddin, M.; Hamdi, M.; Alghamdi, A.; Alrizq, M.; Memon, M. S.; Abdelhaq, M.; Alsaqour, R. Server Consolidation: A Technique to Enhance Cloud Data Center Power Efficiency and Overall Cost of Ownership. *Int. J. Distrib. Sens. Networks* **2021**, 17 (3).
<https://doi.org/10.1177/1550147721997218>.
- (126) Roslim, A.; Briguglio, A.; Kocsis, L.; Goeting, S.; Hofmann, C.-C. *Palynology of Miocene Sediments in Brunei Darussalam: First SEM Investigations of Pollen and Spores, and Their Taxonomy and Palaeoenvironmental Interpretation*; 2021; Vol. 301.
<https://doi.org/10.1127/palb/2021/0071>.
- (127) Priyantha, N.; Romzi, A. A.; Chan, C. M.; Lim, L. B. L. Enhancing Adsorption of Crystal Violet Dye through Simple Base Modification of Leaf Adsorbent: Isotherm, Kinetics, and Regeneration. *Desalin. Water Treat.* **2021**, 215, 194–208.
<https://doi.org/10.5004/dwt.2021.26758>.
- (128) Khan, F. S. A.; Mubarak, N. M.; Khalid, M.; Khan, M. M.; Tan, Y. H.; Walvekar, R.; Abdullah, E. C.; Karri, R. R.; Rahman, M. E. Comprehensive Review on Carbon Nanotubes Embedded in Different Metal and Polymer Matrix: Fabrications and Applications. *Crit. Rev. Solid State Mater. Sci.* **2021**.
<https://doi.org/10.1080/10408436.2021.1935713>.
- (129) Kurup, C. P.; Mohd-naim, N. F.; Tlili, C.; Ahmed, M. U. A Highly Sensitive Label-Free Aptasensor Based on Gold Nanourchins and Carbon Nanohorns for the Detection of Lipocalin-2 (LCN-2). *Anal. Sci.* **2021**, 37 (6), 825–831.
<https://doi.org/10.2116/analsci.20P303>.
- (130) Kusrini, E.; Ayuningtyas, K.; Mawarni, D. P.; Wilson, L. D.; Sufyan, M.; Rahman, A.; Prasetyanto, Y. E. A.; Usman, A. Micro-Structured Materials for the Removal of Heavy Metals Using a Natural Polymer Composite. *Int. J. Technol.* **2021**, 12 (2), 275–286.
<https://doi.org/10.14716/ijtech.v12i2.4578>.
- (131) Alawi, M.; Alsaqour, R.; Abdalla, A.; Abdelhaq, M.; Uddin, M. Multi-Criteria Prediction mechanism for Vehicular Wi-Fi Offloading. *Comput. Mater. Contin.* **2021**, 69 (2), 2313–2337. <https://doi.org/10.32604/cmc.2021.018282>.

- (132) Romzi, A. A.; Kooh, M. R. R.; Lim, L. B. L.; Priyantha, N.; Chan, C. M. Environmentally Friendly Adsorbent Derived from Rock Melon Skin for Effective Removal of Toxic Brilliant Green Dye: Linear versus Non-Linear Analyses. *Int. J. Environ. Anal. Chem.* **2021**. <https://doi.org/10.1080/03067319.2021.1931859>.
- (133) Mustapha, N.; Baharuddin, N.; Tan, S. K.; Marshall, D. J. The Neritid Snails of Brunei Darussalam: Their Geographical, Ecological and Conservation Significance. *Ecol. Montenegrina* **2021**, *42*, 45–61. <https://doi.org/10.37828/em.202.42.2>.
- (134) Khan, A. A.; Uddin, M.; Shaikh, A. A.; Laghari, A. A.; Rajput, A. E. MF-Ledger: Blockchain Hyperledger Sawtooth-Enabled Novel and Secure Multimedia Chain of Custody Forensic Investigation Architecture. *IEEE Access* **2021**, *9*, 103637–103650. <https://doi.org/10.1109/ACCESS.2021.3099037>.
- (135) Hashim, I.; Draman, N. N. C.; Karim, S. A. A.; Yeo, W. P.; Baleanu, D. Scattered Data Interpolation Using Cubic Trigonometric Bézier Triangular Patch. *Comput. Mater. Contin.* **2021**, *69* (1), 221–236. <https://doi.org/10.32604/cmc.2021.016006>.
- (136) Ullah, S. S.; Hussain, S.; Gumaei, A.; Alhilal, M. S.; Alkhamees, B. F.; Uddin, M.; Al-Rakhami, M. A Cost-Effective Approach for NDN-Based Internet of Medical Things Deployment. *Comput. Mater. Contin.* **2021**, *70* (1), 233–249. <https://doi.org/10.32604/cmc.2022.017971>.
- (137) Goh, M. P. Y.; Kamaluddin, A. F.; Tan, T. J. L.; Yasin, H.; Taha, H.; Jama, A.; Ahmad, N. An Evaluation of the Phytochemical Composition, Antioxidant and Cytotoxicity of the Leaves of *Litsea Elliptica* Blume – An Ethnomedicinal Plant from Brunei Darussalam. *Saudi J. Biol. Sci.* **2021**. <https://doi.org/10.1016/j.sjbs.2021.08.097>.