

MMU LATEST PUBLICATIONS IN SCOPUS

Congratulations to all authors!

Row Number	Document Title	Authors	Year	Source
1	Entropy generation analysis of turbulent convection in a heat exchanger with self-rotating turbulator inserts	Goh, L.H.K., Hung, Y.M., Chen, G.M., Tso, C.P.	2021	<i>International Journal of Thermal Sciences</i> , 160, art. no. 106652.
2	Assessment of microgrid communication network performance for medium-scale ieee bus systems using multi-agent system	Singh, N., Elamvazuthi, I., Nallagownden, P., Ramasamy, G., Jangra, A.	2021	<i>Lecture Notes in Networks and Systems</i> , 140, pp. 377-387.
3	Physical layer security and energy efficiency over different error correcting codes in wireless sensor networks	Magzoub, M.A., Aziz, A.A., Salem, M.A., (...), Aziz, A.A., Mahmud, A.	2020	<i>International Journal of Electrical and Computer Engineering</i> , 10(6), pp. 6673-6681.
4	Metal to semiconductor transition of two-dimensional NbSe₂ through hydrogen adsorption: A first-principles study	Yeoh, K.H., Chew, K.H., Yoon, T.L., (...), Chang, Y.H.R., Ong, D.S.	2020	<i>Journal of Applied Physics</i> , 128(10), art. no. 105301-1.
5	Measuring expectation for an affordance gap on a smartphone user interface and its usage among older adults	Wong, C.Y., Ibrahim, R., Hamid, T.A., Mansor, E.I.	2020	<i>Human Technology</i> , 16(1), pp. 6-34.
6	Isomorphic drivers of institutional pressure and importance of environmental management system implementation towards the adoption propensity of green ICT	Islam, K.S., Muthaiyah, S., Fie, D.Y.G.	2020	<i>International Journal of Energy Economics and Policy</i> , 10(6), pp. 624-634.

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7	Past Has Gone but Present Is Yours: Debunking Post-Mortem Process by Safeguarding Lessons Learned during Disaster	Mohideen, H.H., Dorasamy, M., Raman, M.	2020	<i>Systemic Practice and Action Research.</i>
8	Electrochromic properties of WO3 films based on lithium iodide and lithium perchlorate polymer electrolyte	Au, B.W.-C., Chan, K.-Y., Pang, W.-L.	2021	<i>Optik, 225, art. no. 165769.</i>
9	Analysis of the Impacts on Power Flow After Introducing Renewable Energy Source in a Power System with HVDC Line	Tanim, M.M.H., Ali, M.F., Shobug, M.A., Mamun, A.A.	2021	<i>Lecture Notes in Electrical Engineering, 699, pp. 391-402.</i>
10	Co-optimal PMU Placement for Complete Monitoring of Distributed Generations Installed System	Tahabilder, A., Mamun, A.A., Rahman, N., Ghosh, P.K.	2021	<i>Lecture Notes in Electrical Engineering, 699, pp. 477-483.</i>
11	Reliable Broken Conductor Fault Detection for Low Volt Interconnected Distribution Lines	Nishanth, J., Palanichamy, N., Lim, S.C.	2020	<i>Proceedings - International Conference on Smart Electronics and Communication, ICOSEC 2020, art. no. 9215343, pp. 1111-1116.</i>
12	Bubble Tower: Breathing Based Virtual Reality Action Game	Heng, O.J., Albert, Q.	2020	<i>ACM International Conference Proceeding Series, pp. 33-37.</i>
13	Interference management using beamforming techniques for line-of-sight femtocell networks	Mohamed, K.S., Alias, M.Y., Roslee, M.	2020	<i>IEICE Transactions on Communications, E103B(8), pp. 881-887.</i>
14	Broadband network fault prediction using complex event processing and predictive analytics techniques	Emerson, R., Hossen, J., Ervina, E.M., Tawsif, Jesmeen, M.Z.	2020	<i>Journal of Engineering Science and Technology, 15(4), pp. 2289-2300.</i>

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15	The Effects of Social Commerce Utilization on Business Performance: A Study of Hotels in Lebanon	Halawani, F.M., Soh, P.C.H., Halawani, Y.M.	2020	<i>Information Resources Management Journal</i> , 33(3), pp. 1-23.
16	Effect of Confined Heating on Down-tapered Fiber In-line Mach-Zehnder Interferometer	Rodzi, N.S.M., Mokhtar, M.R., Yusoff, Z.	2020	<i>2020 IEEE 8th International Conference on Photonics, ICP 2020</i> , art. no. 9206456, pp. 18-19.
17	Investigation of Strain Magnification Effect on Fiber Optic by Using COMSOL Multiphysics Software	Azman, M.F., Mokhtar, M.R., Mustaffa, N.A., Mahmud, Z., Abdul-Rashid, H.A.	2020	<i>2020 IEEE 8th International Conference on Photonics, ICP 2020</i> , art. no. 9206426, pp. 72-73.
18	In-line Fiber Mach-Zehnder Interferometer with Enhanced Strain Sensitivity Using Off-Axis Coating	Mustaffa, N.A., Mokhtar, M.R., Azman, M.F., (...), Rashid, H.A.A., Mahmud, Z.	2020	<i>2020 IEEE 8th International Conference on Photonics, ICP 2020</i> , art. no. 9206495, pp. 70-71.
19	Gallium-Erbium Fiber Amplifier	Marzuki, T.A.S., Mansoor, A., Abdul Rashid, H.A., Omar, N.Y.M., Ibrahim, S.A.	2020	<i>2020 IEEE 8th International Conference on Photonics, ICP 2020</i> , art. no. 9206422, pp. 99-100.
20	Plasmonics Microbottle Resonator of Meniscus Gold	Nasir, M.N.M., Murugan, G.S., Abdul-Rashid, H.A., Zervas, M.N.	2020	<i>2020 IEEE 8th International Conference on Photonics, ICP 2020</i> , art. no. 9206457, pp. 62-63.
21	Compact Thulium Fiber Amplifier Codoped with Yttria Nanoparticle Operating at 1800nm Region	Mansoor, A., Heder, S.H., Muhd-Yasin, S.Z., (...), Yusoff, Z., Abdul-Rashid, H.A.	2020	<i>2020 IEEE 8th International Conference on Photonics, ICP 2020</i> , art. no. 9206483, pp. 52-53.
22	Low-Cost Integration of MIMO-RoF based on 5G UFMC Waveform and Wired OFDM Signal over PON	Dahawi, T.H., Raji, Y.M., Yusoff, Z., (...), Salleh, M.S., Senior, J.M.	2020	<i>2020 IEEE 8th International Conference on Photonics, ICP 2020</i> , art. no. 9206505, pp. 26-27.

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23	Toward forecasting future day air pollutant index in Malaysia	Wong, K.-S., Chew, Y.J., Ooi, S.Y., Pang, Y.H.	2020	<i>Journal of Supercomputing.</i>
24	Realized volatility transmission within Islamic stock markets: A multivariate HAR-GARCH-type with nearest neighbor truncation estimator	Ng, S.L., Chin, W.C., Chong, L.L.	2020	<i>Borsa Istanbul Review.</i>
25	Examination of the motivations for equity-based crowdfunding in an emerging market	Wasiuzzaman, S., Lee, C.L., Boon, O.H., Chelvam, H.P.	2021	<i>Journal of Theoretical and Applied Electronic Commerce Research, 16(2), pp. 63-79.</i>
26	Simulating difficulty adjustment in blockchain with SimBlock	Chin, Z.H., Yap, T.T.V., Tan, I.K.T.	2020	<i>BSCI 2020 - Proceedings of the 2nd ACM International Symposium on Blockchain and Secure Critical Infrastructure, Co-located with AsiaCCS 2020, pp. 192-197.</i>
27	Mean multiplication gain and excess noise factor of GaN and Al_{0.45}Ga_{0.55}N avalanche photodiodes	Ooi, T.L.W., Cheang, P.L., You, A.H., Chan, Y.K.	2020	<i>EPJ Applied Physics, 92(1), art. no. 10301.</i>
28	Covid-19: a preliminary assessment on the social security framework for an aged Malaysia	Jamaluddin, S.Z., Yuen Wah, F., Abu Taher, M.	2020	<i>Commonwealth Law Bulletin.</i>
29	Workplace incivility: the impact on the Malaysian public service department	Alias, M., Ojo, A.O., Ameruddin, N.F.L.	2020	<i>European Journal of Training and Development.</i>
30	Show, edit and tell: A framework for editing image captions	Sammani, F., Melas-Kyriazi, L.	2020	<i>Proceedings of the IEEE Computer Society Conference on Computer Vision and Pattern Recognition, art. no. 9156728, pp. 4807-4815.</i>

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31	An Optimal Charging and Discharging Schedule to Maximize Revenue for Electrical Vehicle	Chai, Y.-T., Tan, W.-N., Gan, M.-T., Yip, S.-C.	2019	2019 IEEE Conference on Sustainable Utilization and Development in Engineering and Technologies, CSUDET 2019, art. no. 9214678, pp. 240-245.
32	IOT Based Real-Time Vehicle Tracking System	Alquhali, A.H., Roslee, M., Alias, M.Y., Mohamed, K.S.	2019	2019 IEEE Conference on Sustainable Utilization and Development in Engineering and Technologies, CSUDET 2019, art. no. 9214633, pp. 265-270.
33	Link Budget Based Optimised Link State Routing Protocol in Flying Ad-hoc Networks	Abdajbar, A.N., Mohamed, K.S., Alias, M.Y.	2019	2019 IEEE Conference on Sustainable Utilization and Development in Engineering and Technologies, CSUDET 2019, art. no. 9214608, pp. 261-264.
34	Smart Scale Tracking System Using Calibrated Load Cells	Jaiteh, S., Adillah Suhaimi, S.F., Ching Seong, T., (...), Lini, L., Neyaz, H.	2019	2019 IEEE Conference on Sustainable Utilization and Development in Engineering and Technologies, CSUDET 2019, art. no. 9214692, pp. 170-174.
35	Vision-Based Smart Parking Detection System Using Object Tracking	Alhelali, M., Nyeon, S., Lee, Y.L.	2019	2019 IEEE Conference on Sustainable Utilization and Development in Engineering and Technologies, CSUDET 2019, art. no. 9214659, pp. 93-98.
36	Optimization of furnace design in a polymer fiber drawing tower	Azuri, N.A., Dambul, K.D., Louay, G.T., Cham, C.L.	2019	2019 IEEE Conference on Sustainable Utilization and Development in Engineering and Technologies, CSUDET 2019, art. no. 9214641, pp. 175-179.
37	GOOSE: An Object-oriented Search Algorithm with Graph-based Database	Cheng, C.-Q., Haw, S.-C.	2019	2019 IEEE Conference on Sustainable Utilization and Development in Engineering and Technologies, CSUDET 2019, art. no. 9214710, pp. 105-110.
38	Customer Churn Prediction in Telecommunication: An Analysis on Issues, Techniques and Future Trends	Maw, M., Haw, S.-C., Ho, C.-K.	2019	2019 IEEE Conference on Sustainable Utilization and Development in Engineering and Technologies, CSUDET 2019, art. no. 9214592, pp. 148-153.

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39	Sub-6 GHz 5G Multilayer Base Station Antenna for Outdoor Localization Technique	Al-Bawri, S.S., Islam, M.S., Wong, H.Y., Lee, L., Islam, M.T.	2019	<i>2019 IEEE Conference on Sustainable Utilization and Development in Engineering and Technologies, CSUDET 2019, art. no. 9214609, pp. 257-260.</i>
40	Atomization of Reduced Graphene Oxide Ultra-thin Film for Transparent Electrode Coating	Mat Hussin, M.R., Aishah Mohamad Badaruddin, S., Azuan Hamzah, M.H., (...), Yong Wong, H., Zaman, M.	2019	<i>2019 IEEE Conference on Sustainable Utilization and Development in Engineering and Technologies, CSUDET 2019, art. no. 9214741, pp. 160-163.</i>
41	From Technical to Aesthetics Quality Assessment and Beyond: Challenges and Potential	Hosu, V., Saupe, D., Goldluecke, B., (...), See, J., Wong, L.-K.	2020	<i>ATQAM/MAST 2020 - Proceedings of the Joint Workshop on Aesthetic and Technical Quality Assessment of Multimedia and Media Analytics for Societal Trends, pp. 19-20.</i>
42	ATQAM/MAST'20 (Joint Workshop on Aesthetic and Technical Quality Assessment of Multimedia and Media Analytics for Societal Trends) Organization	Hosu, V., Saupe, D., Goldlücke, B., (...), Adam, H., McLaughlin, K.	2020	<i>ATQAM/MAST 2020 - Proceedings of the Joint Workshop on Aesthetic and Technical Quality Assessment of Multimedia and Media Analytics for Societal Trends, p. iii.</i>
43	Fabrication of alumina-doped optical fiber preforms by an MCVD-metal chelate doping method	Sharif, K.A.M., Omar, N.Y.M., Zulkifli, M.I., Yassin, S.Z.M., Abdul-Rashid, H.A.	2020	<i>Applied Sciences (Switzerland), 10(20), art. no. 7231, pp. 1-12.</i>
44	Feasibility study of fiber taper acoustic sensor by utilizing time domain reconstruction	Chan, D., Lin, H.S., Phua, Y.N., Yusoff, Z.B.	2020	<i>2020 IEEE Sensors Applications Symposium, SAS 2020 - Proceedings, art. no. 9220028.</i>
45	A False Negative Cost Minimization Ensemble Methods for Customer Churn Analysis	Tuck, W.K., Chien-Le, G., Hu, N.	2020	<i>ACM International Conference Proceeding Series, pp. 276-280.</i>