

Year 2018: Total number of publications in SCOPUS+WOS+ERA= 110

No.	Authors	Document Title	Document Type	Source Title	Year	ISSN/ ISBN
1	Hussin A.S., Abdullah A.R., Jopri M.H., Sutikno T., Saad N.M., Tee W.	Harmonic load diagnostic techniques and methodologies: A review	Review	Indonesian Journal of Electrical Engineering and Computer Science	2018	2502-4752
2	Shah, H.N.M., Sulaiman, M., Shukor, A.Z., Kamis, Z., Rahman, A.A.	Butt welding joints recognition and location identification by using local thresholding	Article	Robotics and Computer-Integrated Manufacturing	2018	7365845
3	Halyani, M.Y., Firdaus, H.M.S., Zainon, M., Ahmad, E.Z., Norain, I.	Modelling and simulation of a wind turbine with doubly fed induction generator in full load operation	Article	ARPN Journal of Engineering and Applied Sciences	2018	18196608
4	Reddy P.H., Rahman M.F.A., Paul M.C., Latiff A.A., Rosol A.H.A., Das S., Dhar A., Bhadra S.K., Dimiyati K., Harun S.W.	Titanium dioxide doped fiber as a new saturable absorber for generating mode-locked erbium doped fiber laser	Article	Optik	2018	30+R84026
5	Amer N.H., Zamzuri H., Hudha K., Aparow V.R., Kadir Z.A., Abidin A.F.Z.	Path tracking controller of an autonomous armoured vehicle using modified Stanley controller optimized with particle swarm optimization	Article	Journal of the Brazilian Society of Mechanical Sciences and Engineering	2018	16785878
6	Zaidi M.N., Ali A.	Power Factor Improvement Using Automatic Power Factor Compensation (APFC) Device for Medical Industries in Malaysia	Conference Paper	MATEC Web of Conferences	2018	2261236X
7	Abidin A.F.Z., Zain N.M., Majid M.A., Rifin R., Kadiran K.A., Mokji A.M.M., Kok T., Amirulah R., Ali N.M.	A study on the application of Gravitational Search Algorithm in optimizing Stereo Matching Algorithm's parameters for star fruit inspection system	Article	ARPN Journal of Engineering and Applied Sciences	2018	18196608
8	Tee S.P., Ghazaly M.M., Amran A.C., Jamaludin I.W.	Experimental investigation of a passive quarter car suspension system	Article	ARPN Journal of Engineering and Applied Sciences	2018	18196608
9	Rahman M.F.A., Zhalilah M.Z., Latiff A.A., Rosol A.H.A., Lokman M.Q., Bushroa A.R., Dimiyati K., Harun S.W.	Pure antimony film as saturable absorber for Q-switched erbium-doped fiber laser	Article	Journal of Modern Optics	2018	9500340
10	Noordin A., Basri M.A.M., Mohamed Z.	Sensor fusion algorithm by complementary filter for attitude estimation of quadrotor with low-cost IMU	Article	Telkomnika (Telecommunication Computing Electronics and Control)	2018	16936930
11	Kadir A.M.A., Kasno M.A., Aras M.S.M., Tumari M.Z.M., Saat S.	Fuzzy logic controller design for autonomous underwater vehicle (Auv)-yaw control	Article	ARPN Journal of Engineering and Applied Sciences	2018	18196608
12	Shen Q.J., Fahmi M., Annuar K.A.M.	Efficient object isolation in complex environment using manipulation primitive on a vision based mobile 6DOF robotic arm	Article	International Journal of Mechanical and Mechatronics Engineering	2018	22272771

13	Indra W.A., Aziz S.A.C., Hassim N.B.	Performance of on-line microwave moisture measurement for nickel ore	Article	ARPN Journal of Engineering and Applied Sciences	2018	18196608
14	Naim M.H., Ghani M.K.A., Basari A.S.H., Aboobaid B.M., Salahuddin L., Rashid W.N.A., Kai G.J.	Synchronization technique via raspberry Pi as middleware for hospital information system	Conference Paper	Advances in Intelligent Systems and Computing	2018	21945357
15	Jidin A.Z., Mahzan I.N., Hassim N., Kadmin A.F.	Low-cost and portable interactive sinusoidal digital signal generator by using FPGA	Article	Journal of Telecommunication, Electronic and Computer Engineering	2018	21801843
16	Rahman M.F.A., Latiff A.A., Zaidi U.Z.M., Rusdi M.F.M., Rosol A.H.A., Bushroa A.R., Dimiyati K., Harun S.W.	Q-switched and mode-locked thulium-doped fiber laser with pure Antimony film Saturable absorber	Article	Optics Communications	2018	304018
17	Hamzah R.A., Kadmin A.F., Hamid M.S., Ghani S.F.A., Ibrahim H.	Improvement of stereo matching algorithm for 3D surface reconstruction	Article	Signal Processing: Image Communication	2018	9235965
18	Amer N.H., Hudha K., Zamzuri H., Aparow V.R., Abidin A.F.Z., Kadir Z.A., Murrad M.	Adaptive modified Stanley controller with fuzzy supervisory system for trajectory tracking of an autonomous armoured vehicle	Article	Robotics and Autonomous Systems	2018	9218890
19	Hamzah R.A., Hamid M.S., Kadmin A.F., Abd Ghani S.F., Salam S.	Disparity map algorithm based on edge preserving filter for stereo video processing	Article	Journal of Telecommunication, Electronic and Computer Engineering	2018	21801843
20	Mustafa A.N.M., Arith F., Hasan Z., Ayob M.E., Drahim N.S.N.	Design of CMOS schmitt triggers circuit for low application device	Article	Journal of Telecommunication, Electronic and Computer Engineering	2018	21801843
21	Harun M.H., Ab Halim M.F., Annuar K.A.M., Aras M.S.M., Azahar A.H., Yaakub M.F., Azlan U.A.-A., Abidin A.F.Z.	A 3D supervised shape-based matching approach using 2D images for defect detection	Article	ARPN Journal of Engineering and Applied Sciences	2018	18196608
22	Hasan A.F., Che Husin M.F., Rosli K.A., Hashim M.N., Zainal Abidin A.F.	Multiple Vehicle Detection and Segmentation in Malaysia Traffic Flow	Conference Paper	IOP Conference Series: Materials Science and Engineering	2018	17578981
23	Kamarudin N., Abd Razak J., Norddin N., Aman A., Nazir N.	Effect of filler loading on tracking and erosion of silicone rubber based composites under DC voltage	Book Chapter	Lecture Notes in Mechanical Engineering	2018	21954356
24	Annuar K.A.M., Rashid W.N.A., Sapiee M.R.B.M., Hadi N.A.A., Azali M.S.B.M.	PI controller design for DC motor using different power electronic converters	Article	Journal of Telecommunication, Electronic and Computer Engineering	2018	21801843
25	Ya'acob N., Azize A.M., Yusof A.L., Sarnin S.S., Naim N.F., Rohaizad S.N.	Web-based boarding school monitoring system	Article	Indonesian Journal of Electrical Engineering and Computer Science	2018	25024752
26	Rahman M.F.A., Dhar A., Das S., Dutta D., Paul M.C., Rusdi M.F.M., Latiff A.A., Dimiyati K., Harun S.W.	An 8 cm long holmium-doped fiber saturable absorber for Q-switched fiber laser generation at 2- μ m region	Article	Optical Fiber Technology	2018	10685200

27	Ramli M.I., Nuawi M.Z., Abdullah S., Mohammad Rasani M.R., Boejang H., Basar M.F., Seng K.K.	Comparison study on light structure modal parameter using experimental modal analysis method via PIEZOFILM sensor	Article	Jurnal Teknologi	2018	1279696
28	Ab Wahab N., Rahim A.F.B.A., Nordin A.K.B., Bidin B.B., Ibrahim M.A.B., Zahari M.B., Mutalib N.A.	Development of portable linear positioning table for drilling machine	Article	ARPN Journal of Engineering and Applied Sciences	2018	18196608
29	Ab Wahab N., Saleh A.B.M., Nordin A.K.B., Tamin N.F.B., Ibrahim M.A.B., Ahmad S., Hadi D.B.A.	Development of portable magnetic clamping for lathe machine	Article	ARPN Journal of Engineering and Applied Sciences	2018	18196608
30	Gaya M.S., Muhammad A., Abdulkadir R.A., Salim S.N.S., Madugu I.S., Tijjani A., Aminu Yusuf L., Dauda Umar I., Khairi M.T.M.	Enhanced pid vs model predictive control applied to bldc motor	Conference Paper	IOP Conference Series: Materials Science and Engineering	2018	17578981
31	Rashid W.N.A., Mohamad E.J., Rahim R.A., A Subki A.S.R., Kadmin A.F., Mohayat M.H.N., Ahmad M., Mohd Tah M.A.	Development and experimental study of miniature two-plate electrical capacitance sensor to detect dielectric material	Article	Journal of Telecommunication, Electronic and Computer Engineering	2018	21801843
32	Mohd Ali N., Sing G.W.M., Yee C.C., Kang T., Chee T.T., Ab Rashid M.Z., Sulaiman M., Razi A., Hasan Z., Abidin A.F.Z.	A review of different applications of Wireless Sensor Network (WSN) in monitoring rehabilitation	Article	Journal of Telecommunication, Electronic and Computer Engineering	2018	21801843
33	Ifayefunmi O., Kadmin A.F., Chang K.L., Aziz A.	Influence of boundary condition on the buckling of axially compressed cones and cylinders	Article	International Journal of Mechanical Engineering and Technology	2018	9766340
34	Hasan Z., Mazlan M., Muhammad Mustafa A.N., Mohd Ali N., Shibghatullah A.S.	Web-based automatic monitoring & scheduling management of highland plantation on low ground	Article	Journal of Telecommunication, Electronic and Computer Engineering	2018	21801843
35	Sapiee M.R.M., Annuar K.A.M.	Synchronous mobile Robots formation control	Article	Telkomnika (Telecommunication Computing Electronics and Control)	2018	16936930
36	Halim M.F.B.M.A., Annuar K.A.M., Harun M.H., Hadi N.A.A.	An analysis of the beneficial of energy saving device	Article	ARPN Journal of Engineering and Applied Sciences	2018	18196608
37	Junoh S.C.K., Abdullah L., Jamaludin Z., Anang N.A., Chiew T.H., Salim S.N.S., Retas Z.	Evaluation of tracking performance of NPID double hyperbolic controller design for XY table ball-screw drive system	Conference Paper	2017 Asian Control Conference, ASCC 2017	2018	978-150901573-3
38	Rahman, MFA; Rusdi, MFM; Harun, SW; Yasin, M	Q-Switched Thulium-Doped Fiber Laser Using Vanadium Oxide Saturable Absorber	Article	NONLINEAR OPTICS QUANTUM OPTICS- CONCEPTS IN MODERN OPTICS	2018	1543-0537
39	Zulkefle A.A., Rahman A.I.A., Zainon M., Baharudin Z.A., Zakaria Z., Farriz M.B., Shukor S.A.A., Johan N.F., Saleh N., Hanafiah M.A.M.	Modeling and simulation of nine-level cascaded H-bridge multilevel inverter	Article	Indonesian Journal of Electrical Engineering and Computer Science	2018	25024752
40	Rahman A.I.A., Bahari M.A., Baharudin Z.A., Zulkefle A.A., Zainon M., Hanafiah M.A.M.	Sub microsecond analysis of negative cloud-to-ground lightning flashes	Article	Indonesian Journal of Electrical Engineering and Computer Science	2018	25024752

41	Nasardin N.R.M., Hanafiah M.A.M., Zainon M., Ibrahim M., Rahman A.I.A., Baharudin Z.A., Husin M.H.M., Mahir I., Zulkefle A.A.	Comparison of chemical compounds of essential oils from natural agarwood and inoculated agarwood (Roselle-based inoculation)	Article	Indonesian Journal of Electrical Engineering and Computer Science	2018	25024752
42	Annuar K.A.M., Ab Hadi N.A., Razali Sapiee M., Harun M.H., Saadon I.M.	Implementation of PS2 remote control and monitoring system for android operating system based robot platform	Article	Journal of Engineering and Applied Sciences	2018	1816949X
43	Yaakub M.F., Basar M.F., Noh F.H.M., Boejang H.	Pico-hydro electrification from rainwater's gravitational force for urban area	Article	Telkomnika (Telecommunication Computing Electronics and Control)	2018	16936930
44	Saat S., Kamil A.R.M., Tumari M.Z.M., Subki A.S.R.A.	Development of an autonomous robot for inspection system	Conference Paper	Proceedings - 2018 IEEE 14th International Colloquium on Signal Processing and its Application, CSPA	2018	978-1-5386-0389-5
45	Kadmin A.F., Aziz K.A.A., Soufhwee A.R., Abd Razak S.S., Salehan M.Z., Abdul Hadi N.A., Hamzah R.A., Abd Rashid W.N.	Performance analysis of neural network model for automated visual inspection with robotic arm controller system	Article	Journal of Telecommunication, Electronic and Computer Engineering	2018	21801843
46	Anang N.A., Abdullah L., Jamaludin Z., Chiew T.H., Maharof M., Syed Salim S.N., Retas Z.	Analysis of nonlinear PID controller for tracking performance of ball screw drive	Article	Journal of Telecommunication, Electronic and Computer Engineering	2018	21801843
47	Rahman M.F.A., Latiff A.A., Rosol A.H.A., Dimiyati K., Wang P., Harun S.W.	Ultrashort Pulse Soliton Fiber Laser Generation with Integration of Antimony Film Saturable Absorber	Article	Journal of Lightwave Technology	2018	0733-8724
48	Rashid W.N.A., Kadmin A.F., Shamsul Rahimi Subki A.A., Hadi N.A.A.B., Saat S., Tumari M.Z., Rahim N.	Development and experimental study of emergency power pack for fisherman	Article	Journal of Telecommunication, Electronic and Computer Engineering	2018	21801843
49	Mohamed Aminuddin M.M., Nasir H.M., Mustaffa I., Ariff Brahin N.M.	N170 Wave Amplitude Analysis on Driving Performance on Highway Road	Article	Journal of Telecommunication, Electronic and Computer Engineering	2018	21801843
50	Aziz W., Kadir M., Rahim N., Tumari Z., Abd Rashid W.N., Sheqal A.	Experimental Study on Efficiency of DC and AC Power Supply Travel Kit using Solar Panel	Article	Journal of Telecommunication, Electronic and Computer Engineering	2018	21801843
51	Rahim M.A.A., Ibrahim I.M., Zakaria Z., Aziz S.A.C., Hassim N., Saadon A.S.	The Study on the Effect of Electromagnetic Band Gap on Microstrip Array Antenna at 28 GHz	Article	Journal of Telecommunication, Electronic and Computer Engineering	2018	21801843
52	Hamzah R.A., Hamid M.S., Kadmin A.F., Ghani S.F.A., Aziz K.A.A., Salam S., Wook T.M.F.T.	Gradient Magnitude Differences and Guided Filter for Stereo Video Matching Algorithm	Article	Journal of Telecommunication, Electronic and Computer Engineering	2018	21801843
53	Rahim N., Aziz W., Hassan W.H.W., Che Aziz S.A., Rashid W.N.A., Rosdi R.	Intelligent Quad Cane with GPS Allocation for Tachyarrhythmia	Article	Journal of Telecommunication, Electronic and Computer Engineering	2018	21801843
54	Rahimi A.S., Subki A., Rashid W.N.A., Hadi N.A.A., Jidin A.Z., Ying T.S.	Development of Portable Air Conditioning Using Peltier Effect for Small Area Uses	Article	Journal of Telecommunication, Electronic and Computer Engineering	2018	21801843

55	Wan Hassan W.H., Afif Kasno M., Rahim N., Aziz S.A.C.	Design, simulation and fabrication of dual-band polarized microstrip patch antenna	Article	Journal of Telecommunication, Electronic and Computer Engineering	2018	21801843
56	Abd Salam N.A.B., Mohd Saad W.H.B., Manap Z.B., Salehuddin F.B., Abd. Karim S.A.B.	Comparative Study of Different Near-Infrared (NIR) Wavelengths on Glucose Concentration Detection	Article	Journal of Telecommunication, Electronic and Computer Engineering	2018	21801843
57	Said R.M., Kamal M.R.M., Miswan N.H., Ng S.J.	Optimization of moulding composition for quality improvement of sand casting	Article	Journal of Advanced Manufacturing Technology	2018	19853157
58	Othman S.M., Rahmat M.F., Rozali S.M., Has Z., Abidin A.F.Z.	Optimization of modified sliding mode controller for an electro-hydraulic actuator system with mismatched disturbance	Article	International Journal of Electrical and Computer Engineering	2018	20888708
59	Hamzah R.A., Ibrahim H.	Improvement of stereo matching algorithm based on sum of gradient magnitude differences and semi-global method with refinement step	Article	Electronics Letters	2018	135194
60	Mustapa R.F., Abidin A.F.Z., Amin A.A.N.M., Nordin A.H.M., Hidayat M.N.	Engineering is fun: Embedded CDIO elements in electrical and electronic engineering final year project	Conference Paper	Proceedings of the 2017 IEEE 9th International Conference on Engineering Education, IEEE ICEED 2017	2018	9.78E+12
61	Zakaria M.F.Z.M., Aziz S.A.C., Abidin A.F.Z., Adip M.A., Rahim N., Hassan W.H.W.	The development of an electronic educational quiz board that test student knowledge on Control Principle'S second order transient response by using DC motor speed control as	Article	ARPN Journal of Engineering and Applied Sciences	2018	18196608
62	Bohari Z.H., Ghazali R., Atira N.N., Sulaima M.F., Rahman A.A., Nor M.K.	Building energy management saving by considering lighting system optimization via ANOVA method	Conference Paper	2018 4th International Conference on Computer and Technology Applications, ICCTA 2018	2018	978-153866995-2
63	Nayan N.A., Rahman K.A.A.	The effects of nitrogen and oxygen atmosphere on the photoconductivity of trimethyl phenyl diamine thin films	Article	Bulletin of Electrical Engineering and Informatics	2018	20893191
64	Jopri M.H., Abdullah A.R., Manap M., Sutikno T., Ghani M.R.A.	An identification of multiple harmonic sources in a distribution system by using spectrogram	Article	Bulletin of Electrical Engineering and Informatics	2018	20893191
65	Jopri M.H., Abdullah A.R., Manap M., Sutikno T., Ghani M.R.A.	Harmonic contribution analysis of electric arc furnace by using spectrogram	Article	Bulletin of Electrical Engineering and Informatics	2018	20893191
66	Taha, Zahari; Majeed, Anwar P. P. Abdul; Abidin, Amar Faiz Zainal; Ali, Mohammed A. Hashem; Khairuddin, Ismail Mohd; Deboucha, Abdelhakim; Tze, Mohd Yashim Wong Paul	A hybrid active force control of a lower limb exoskeleton for gait rehabilitation	Article	BIOMEDICAL ENGINEERING-BIOMEDIZINISCHE TECHNIK	2018	0013-5585
67	Ahmad, Mohd Ashraf; Mustapha, Nik Mohd Zaitul Akmal; Nasir, Ahmad Nor Kasruddin; Tumari, Mohd Zaidi Mohd; Ismail, Raja Mohd Taufika Raja; Ibrahim, Zuwairie	Using normalized simultaneous perturbation stochastic approximation for stable convergence in model-free control scheme	Proceedings Paper	PROCEEDINGS OF 4TH IEEE INTERNATIONAL CONFERENCE ON APPLIED SYSTEM INNOVATION 2018 (2018	978-1-5386-4342-6
68	Tengku Zawawi T.N.S., Abdullah A.R., Jopri M.H., Sutikno T., Saad N.M., Sudirman R.	A review of electromyography signal analysis techniques for musculoskeletal disorders	Review	Indonesian Journal of Electrical Engineering and Computer Science	2018	25024752

69	Hamzah R.A., Hamid M.S., Kadmin A.F., Ghani S.F.A., Fakulti S.S., Kejuruteraan T., Teknologi K.	Matching cost computation based on sum of absolute RGB differences	Conference Paper	ISCAIE 2018 - 2018 IEEE Symposium on Computer Applications and Industrial Electronics	2018	9.78E+12
70	Mustaffa I.B., Khairul S.F.B.M.	Identification of fruit size and maturity through fruit images using OpenCV-Python and Rasberry Pi	Conference Paper	Proceeding of 2017 International Conference on Robotics, Automation and Sciences, ICORAS 2017	2018	978-153861908-7
71	Aras M.S.M., Azmi M.W.N., Kamaruddin M.N., Harun M.H., Kasno M.A.	A study of tuning process of fuzzy logic controller output membership function for AUV-pitch control	Conference Paper	2017 IEEE 7th International Conference on Underwater System Technology: Theory and Applications, USYS 2017	2018	978-153861918-6
72	Aripin M.K., Aras M.S.M., Sulaiman M., Zainal M.I.M., Harun M.H., Zambri M.K.M.	Low cost expansion of unmanned underwater remotely operated crawler (ROC) for pipeline inspection	Conference Paper	2017 IEEE 7th International Conference on Underwater System Technology: Theory and Applications, USYS 2017	2018	978-153861918-6
73	Kasno M.A., Aras M.S.M., Sulaiman M., Husni-Rusli A.F., Saealal M.S., Tumari M.Z.M., Kadir A.M.A., Subki A.S.R.A.	Small scale underwater drone based on a twin-rotor system	Conference Paper	2017 IEEE 7th International Conference on Underwater System Technology: Theory and Applications, USYS 2017	2018	978-153861918-6
74	Aras M.S.M., Aripin M.K., Azmi M.W.N., Khamis A., Zambri M.K.M., Halim M.F.M.A.	3DOF small scale underwater manipulator - Gripper for unmanned underwater vehicle	Conference Paper	2017 IEEE 7th International Conference on Underwater System Technology: Theory and Applications, USYS 2017	2018	978-153861918-6
75	Binti Mustaffa I., Bin Zaid Z., Binti Mohamed Aminuddin M.M.	Significance of averaging method signal denoising	Conference Paper	Proceeding of 2017 International Conference on Robotics, Automation and Sciences, ICORAS 2017	2018	978-153861908-7
76	Hamzah R.A., Ghani S.F.A., Kadmin A.F., Hamid M.S., Salam S., Wook T.M.F.T.	Disparity map estimation uses block matching algorithm and bilateral filter	Conference Paper	2017 International Conference on Information Technology Systems and Innovation, ICITSI 2017 - Proceedings	2018	978-153863100-3
77	Rahman M.F.A., Latiff A.A., Rusdi M.F.M., Dimiyati K., Harun S.W.	Q-switched ytterbium-doped fiber laser via a thulium-doped fiber saturable absorber	Article	Applied Optics	2018	1559128X
78	Annuar K.A.M., Quah J.S., Miskon M.F., Sapiee M.R.M.	Development of temperature preference learning system to optimize the energy consumption in the building	Article	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	2018	22897879
79	Mohamad N.J., Azlan U.A.-A., Harun M.H.	A preliminary study of BNT-BT ceramics prepared by solid state reaction	Article	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	2018	22897879
80	Ashikin F., Hashizume M., Yotsuyanagi H., Lu S.-K., Roth Z.	A design for testability of open defects at interconnects in 3D stacked ICs	Article	IEICE Transactions on Information and Systems	2018	9168532
81	Shokri A.S.B.M., Saad W.H.B.M., Mun L.G., Kamaruzaman N.A.B., Aziz S.A.B.C.	Repetitive activity counter estimation technique on the acceleration data	Article	Journal of Telecommunication, Electronic and Computer Engineering	2018	21801843
82	Manap Z., Isa A.A.M., Mohd Zain A.S., Darsono A.M., Othman M.H.	Implementation of particle filtering in TDOA positioning	Article	Journal of Telecommunication, Electronic and Computer Engineering	2018	21801843

83	Mohd Saad W.H.B., Abd Karim S.A.B., Azhar N.B., Manap Z., Soon Y.Y., Ibrahim M.M.	Line follower mobile robot for surveillance camera monitoring system	Article	Journal of Telecommunication, Electronic and Computer Engineering	2018	21801843
84	Yahaya M.S., Azis N., Selva A.M., Kadir M.Z.A.A., Jasni J., Kadim E.J., Hairi M.H., Ghazali Y.Z.Y.	A maintenance cost study of transformers based on markov model utilizing frequency of transition approach	Article	Energies	2018	19961073
85	Rahman M.H.A., Maidin N.A., Ahmad M.N., Osman M.H., Wahid M.K., Wahid M.F., Firdaus M.S., Yassim H.M., Damanhuri A.A.M., Sukor S.M.A.	The comparison study of handgrip pressure on steering wheel national cars	Article	Journal of Mechanical Engineering	2018	18235514
86	Firdaus H.M.S., Halyani M.Y., Osman M.H., Maidin N.A., Ahmad M.N., Rahman M.H.A., Damanhuri A.A., Wahid M.K.	Acceptance of electric vehicle based on pricing and charging station	Article	Journal of Mechanical Engineering	2018	18235514
87	Azmi M.W.N., Aras M.S.M., Zambri M.K.M., Harun M.H., Rusli A.F.H., Bahar M.B., Shah H.N.M.	Comparison of controllers design performance for underwater remotely operated vehicle (ROV) depth control	Article	International Journal of Engineering and Technology(UAE)	2018	2227524X
88	Zambri M.K.M., Aras M.S.M., Khamis A., Shah H.N.M., Harun M.H., Yusof A.A.	Design and development of intelligent aquaponics system	Article	International Journal of Engineering and Technology(UAE)	2018	2227524X
89	Annuar K.A.M., Dahari R.M., Harun M.H., Sapiee M.R.M., Ab Hadi N.A.	Design and implementation of vacuum cleaner robot using Arduino and smartphone	Article	Journal of Engineering and Applied Sciences	2018	1816949X
90	Maidin N.A., Rahman M.H.A., Ahmad M.N., Osman M.H., Wahid M.K., Firdaus M.S., Yassim H.M., Razali M.Z.A.	A prototype development of anti-hunchback device	Article	Journal of Mechanical Engineering	2018	18235514
91	Karis M.S., Ali N.M., Azahar M.I., Shaari S.N., Selamat N., Saad W.H.M., Abidin A.F.Z., Kadiran K.A., Rizman Z.I.	Warning sign analysis of traffic sign data-set using supervised spiking neuron technique	Article	International Journal of Engineering and Technology(UAE)	2018	2227524X
92	Karis M.S., Ali N.M., Ghafor N.A.A., Jusoh M.A.A.C., Selamat N., Mohd Saad W.H., Kadiran K.A., Zainal Abidin A.F., Rizman Z.I.	Cautionary sign analysis of traffic sign data-set using supervised spiking neuron technique	Article	International Journal of Engineering and Technology(UAE)	2018	2227524X
93	Karis M.S., Ali N.M., Ali M.A., Samsudin M.R.S., Selamat N., Saad W.H.M., Abidin A.F.Z., Rizman Z.I.	Guide sign analysis of traffic sign data-set using supervised spiking neuron technique	Article	International Journal of Engineering and Technology(UAE)	2018	2227524X
94	Rahman M.F.A., Latiff A.A., Rusdi M.F.M., Dimiyati K., Harun S.W.	Passively Q-switched fibre laser utilizing erbium-doped fibre saturable absorber for operation in C-band region	Article in Press	Journal of Modern Optics	2018	9500340
95	Selva A.M., Azis N., Yahaya M.S., Ab Kadir M.Z.A., Jasni J., Ghazali Y.Z.Y., Talib M.A.	Application of markov model to estimate individual condition parameters for transformers	Article	Energies	2018	19961073
96	Harun M.H., Azmi M.W.N., Aras M.S.M., Azlan U.A., Azahar A.H., Annuar K.A.M., Halim M.F.M.A., Yaakub M.F., Abidin A.F.Z.	A study on the potential of peltier in generating electricity using heat loss at engine and exhaust vehicle	Article	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	2018	22897879

97	Hassan N., Ahmad B.H., Abidin Abd Aziz M.Z., Azize A.M., Azizi M.S.N.	Dual frequencies band and enhanced wideband effect of dual layer microstrip patch antenna	Article	ARPN Journal of Engineering and Applied Sciences	2018	18196608
98	Hasan A.F., Azize A.M., Abidin A.F.Z., Idris N., Rais N.A., Husin M.F.B.C.	Development, optimization and analysis of square patch antenna with "L" shaped slot	Article	ARPN Journal of Engineering and Applied Sciences	2018	18196608
99	Yahaya M.S., Azis N., Selva A.M., Kadir M.Z.A.A., Jasni J., Hairi M.H., Ghazali Y.Z., Talib M.A.	Effect of pre-determined maintenance repair rates on the health index state distribution and performance condition curve based on the Markov Prediction Model for sustainable	Article	Sustainability (Switzerland)	2018	20711050
100	Hamzah R.A., Wei M.G.Y., Nik Anwar N.S., Kadmin A.F., Abd Gani S.F., Hamid M.S.	Accurate objects detection using stereo vision sensor for machine vision applications	Article	International Journal of Engineering and Technology(UAE)	2018	2227524X
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