

Year 2020: Total number of publications in SCOPUS+WOS = 139

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No.	Authors	Staff Name	Document Title	Document Type	Year	Source Title	ISSN	ISBN	SCOPUS	WOS
1	Hamzah R.A., Kadmin A.F., Abd Gani S.F., Mohamood N., Jahari A.N.A., Wook T.M.F.T., Salam S.	TS. DR. ROSTAM AFFENDI BIN HAMZAH TS. AHMAD FAUZAN BIN KADMIN TS. SHAMSUL FAKHAR BIN ABD GANI TS. NADZRIE BIN MOHAMOOD TS. AHMAD NIZAM BIN MOHD JAHARI @ MOHD JOHARI TS. TG MOHD FAISAL BIN TENGGU WOOK TS. SAIFULLAH BIN SALAM	A Modelling of Stereo Matching Algorithm for Machine Vision Application	Conference Paper	2020	Lecture Notes in Mechanical Engineering	21954356	9790000000000	SCOPUS	
2	Tee W., Yusoff M.R., Faizal Yaakub M., Abdullah A.R.	TEE WEI HOWN PROFESOR MADYA TS. MOHD RAHIMI BIN YUSOFF TS. MUHAMAD FAIZAL BIN YAAKUB PROFESOR MADYA IR. TS. DR. ABDUL RAHIM BIN ABDULLAH	Voltage variations identification using Gabor Transform and rule-based classification method	Article	2020	International Journal of Electrical and Computer Engineering	20888708		SCOPUS	
3	Abdulhameed M.K., Mohamad Isa M.S., Ibrahim I.M., Zakaria Z., Mohsen M.K., Attiah M.L., Dinar A.M.	MUHANNAD KAML ABDULHAMEED DR. MOHD SA'ARI BIN MOHAMAD ISA DR. IMRAN BIN MOHD IBRAHIM PROFESOR DR. ZHRILADHA BIN ZAKARIA MOWAFK KHADOM MOHSEN MOTHANA LAFTA ATTIAH AHMED MUSA DINAR	Side lobe reduction in array antenna by using novel design of EBG	Article	2020	International Journal of Electrical and Computer Engineering	20888708		SCOPUS	
4	Kamarudin N., Razak J.A., Norddin N., Mohamad N., Tee L.K., Chew T., Saad N.M.	NAJWA BINTI KAMARUDIN TS. DR. JEEFFERIE BIN ABD RAZAK NURBAHIRAH BINTI NORDDIN PROFESOR MADYA DR NORAIHAM BINTI MOHAMAD PROFESOR MADYA TS. DR. LAU KOK TEE Chew T. Saad N.M.	Hardness and water absorption properties of silicone rubber based composites for high voltage insulator applications	Conference Paper	2020	Lecture Notes in Mechanical Engineering	21954356		SCOPUS	
5	Narayanan T., Abd Razak J., Othman I.S., Mohamad N., Abd Manaf M.E., Mahamood M.A., Hasib H., Ismail M.M., Junid R.	THINAKARAN A/L NARAYANAN TS. DR. JEEFFERIE BIN ABD RAZAK DR. INTAN SHARHIDA BINTI OTHMAN PROFESOR MADYA DR NORAIHAM BINTI MOHAMAD DR. MOHD EDEEROZEY BIN ABD MANAF MAZLIN AIDA BINTI MAHAMOOD HAZMAN BIN HASIB	Tensile, Flexural and Fracture Morphological Properties of Recycled Polypropylene (rPP) Filled Dried Banana Leaves Fibre (DBLF) Composites: Effects of DBLF Loadings	Conference Paper	2020	Lecture Notes in Mechanical Engineering	21954356	9790000000000	SCOPUS	
6	Narayanan T., Razak J.A., Othman I.S., Mohamad N., Ismail M.M., Junid R.	THINAKARAN A/L NARAYANAN TS. DR. JEEFFERIE BIN ABD RAZAK DR. INTAN SHARHIDA BINTI OTHMAN PROFESOR MADYA DR NORAIHAM BINTI MOHAMAD DR. MOHD MUZAFAR BIN ISMAIL Junid R.	Mechanical properties and fracture morphological observation of recycled polypropylene (RPP) filled dried banana leaves fibre (DBLF) composites: Effects of sodium hydroxide (NaOH) surface treatment	Conference Paper	2020	Lecture Notes in Mechanical Engineering	21954356		SCOPUS	
7	Abdulhameed M.K., Isa M.S.B.M., Zakaria Z., Ibrahim I.M., Mohsen M.K., Attiah M.L., Dinar A.M.	MUHANNAD KAML ABDULHAMEED DR. MOHD SA'ARI BIN MOHAMAD ISA PROFESOR DR. ZHRILADHA BIN ZAKARIA DR. IMRAN BIN MOHD IBRAHIM MOWAFK KHADOM MOHSEN MOTHANA LAFTA ATTIAH AHMED MUSA DINAR	Enhanced performance of compact 2 x 2 antenna array with electromagnetic band-gap	Article	2020	Microwave and Optical Technology Letters	8952477		SCOPUS	WOS
8	Jamian S., Salim S.N.S., Junoh S.C.K., Kamarudin M.N., Abdullah L.	SYAMIZA BINTI JAMIAN TS. DR. SYED NAJIB BIN SYED SALIM SAHIDA BINTI CHE KU JUNOH DR. MUHAMMAD NIZAM BIN KAMARUDIN IR. DR. LOKMAN BIN ABDULLAH	Nonlinear Proportional Integral (NPI) Double Hyperbolic Controller for Pneumatic Actuator System	Conference Paper	2020	Lecture Notes in Electrical Engineering	18761100	9789810000000	SCOPUS	
9	Hamzah R.A., Wei M.G.Y., Anwar N.S.N., Abd Gani S.F., Kadmin A.F., Aziz K.A.A.	TS. DR. ROSTAM AFFENDI BIN HAMZAH MELVIN GAN YEOU WEI DR. NIK SYHRIM BIN NIK ANWAR TS. SHAMSUL FAKHAR BIN ABD GANI TS. AHMAD FAUZAN BIN KADMIN TS. KHAIRUL AZHA BIN A AZIZ	Depth Estimation Based on Stereo Image Using Passive Sensor	Conference Paper	2020	Lecture Notes in Electrical Engineering	18761100	9789810000000	SCOPUS	

10	Adnan Zain H., Hafiz Jali M., Rafis Abdul Rahim H., Ashadi Md Johari M., Helmi Mohd Yusof H., Thokchom S., Yasin M., Wadi Harun S.	Adnan Zain H. MOHD HAFIZ BIN JALI DR. HAZLI RAFIS BIN ABDUL RAHIM MD ASHADI BIN MD JOHARI DR. HAZIEZOL HELMI BIN MOHD YUSOF Thokchom S. Yasin M.	ZnO nanorods coated microfiber loop resonator for relative humidity sensing	Article	2020	Optical Fiber Technology	10685200		SCOPUS	WOS
11	Syafeeza A.R., Mohd Fitri Alif M.K., Nursyifaa Athirah Y., Jaafar A.S., Norihan A.H., Saleha M.S.	DR. SYAFEEZA BINTI AHMAD RADZI Mohd Fitri Alif M.K. NURSYIFAA ATHIRAH BINTI YAACOB DR. ABD SHUKUR BIN JA'AFAR DR. NORIHAN BINTI ABDUL HAMID TS. SALEHA BINTI MOHAMAD SALEH	IoT based facial recognition door access control home security system using raspberry pi	Article	2020	International Journal of Power Electronics and Drive Systems	20888694		SCOPUS	
12	Jali M.H., Rahim H.R.A., Yusof H.H.M., Johari M.A.M., Thokchom S., Harun S.W.	MOHD HAFIZ BIN JALI DR. HAZLI RAFIS BIN ABDUL RAHIM DR. HAZIEZOL HELMI BIN MOHD YUSOF MD ASHADI BIN MD JOHARI Thokchom S. Harun S.W.	Optimizing waist diameter of microfiber-ZnO nanorods structure for humidity sensing application	Conference Paper	2020	AIP Conference Proceedings	0094243X	9780000000000	SCOPUS	WOS
13	Said R.M., Krishnan N., Dhillon A.S., Hussin N.H., Gani S.F.A.	RAHAINI BINTI MOHD SAID NAGEN A/L KRISHNAN AMARDEEP SINGH DHILLON A/L GURDIR SINGH NOR HAFIZAH BINTI HUSSIN TS. SHAMSUL FAKHAR BIN ABD GANI	Development of energy harvesting from burning process for community need via IoT based system	Article	2020	Indonesian Journal of Electrical Engineering and Computer Science	25024752		SCOPUS	
14	Norddin N., Saadon I.M., Kamarudin N., Rahim N., Razak J.B.A.	NURBAHIRAH BINTI NORDDIN INTAN MASTURA BINTI SAADON NAJWA BINTI KAMARUDIN NORAIN BINTI RAHIM* TS. DR. JEEFFERIE BIN ABD RAZAK <i>*meletak jawatan</i>	DC inline plane test of silicone rubber samples with different filler for high-voltage insulation	Article	2020	Indonesian Journal of Electrical Engineering and Computer Science	25024752		SCOPUS	
15	Manap Z., Zain A.S.M., Said R.M., Balakirisnan S.S.	TS. ZAHARIAH BINTI MANAP DR. ANIS SUHAILA BINTI MOHD ZAIN RAHAINI BINTI MOHD SAID SHAWN SHIVANESON M BALAKIRISNAN	Analysis of 4G mobile network coverage in UTeM technology campus	Article	2020	Indonesian Journal of Electrical Engineering and Computer Science	25024752		SCOPUS	
16	Idris N., Saadon I.M., Azize A.M., Bin Zakaria M.Z.	NORAIN BINTI IDRIS INTAN MASTURA BINTI SAADON AZIEAN BINTI MOHD AZIZE MUHAMMAD ZULFATTAH BIN ZAKARIA	Electrical production cost of young coconut waste pellet by using mini pellet mill - A feasibility study	Article	2020	Indonesian Journal of Electrical Engineering and Computer Science	25024752		SCOPUS	
17	Harun M.H., Yaakub M.F., Abidin A.F.Z., Azahar A.H., Aras M.S.M., Shah M.B.N., Basar M.F.M.	MOHAMAD HANIFF BIN HARUN TS. MUHAMAD FAIZAL BIN YAAKUB AMAR FAIZ BIN ZAINAL ABIDIN ARMAN HADI BIN AZAHAR PROFESOR MADYA DR MOHD SHAHRIEEL BIN MOHD ARAS DR. MOHD BADRIL BIN NOR SHAH IR. DR. MOHD FARRIZ BIN HJ MD BASAR	The investigation on defect recognition system using Gaussian smoothing and template matching approach	Article	2020	Indonesian Journal of Electrical Engineering and Computer Science	25024752		SCOPUS	
18	Tumari M.Z.M., Abidin A.F.Z., Subki A.S.R.A., Aziz A.W.A., Saealal M.S., Ahmad M.A.	TS. MOHD ZAIDI BIN MOHD TUMARI AMAR FAIZ BIN ZAINAL ABIDIN A SHAMSUL RAHIMI BIN A SUBKI AB WAFI BIN AB AZIZ MUHAMMAD SALIHIN BIN SAEALAL Ahmad M.A.	Liquid slosh control by implementing model-free PID controller with derivative filter based on PSO	Article	2020	Indonesian Journal of Electrical Engineering and Computer Science	25024752		SCOPUS	

19	Yaakub M.F., Mohd Noh F.H., Mohd Zali M.F.I., Harun M.H.	TS. MUHAMAD FAIZAL BIN YAAKUB Mohd Noh F.H. MUHAMMAD FAHMIE IZUDDIN BIN MOHD ZALI MOHAMAD HANIFF BIN HARUN	Prospective study of power generation from natural resources using hybrid system for remote area	Article	2020	Indonesian Journal of Electrical Engineering and Computer Science	25024752		SCOPUS	
20	Sadun A.S., Jalani J., Ahmad S., Sadun A.S., Mashori S.	Sadun A.S. Jalani J. TS. SUZIANA BINTI AHMAD Sadun A.S. Mashori S.	Development of wireless vertical bar spinner combat robot	Article	2020	Indonesian Journal of Electrical Engineering and Computer Science	25024752		SCOPUS	
21	Ashyap A.Y.I., Dahlan S.H.B., Zainal Abidin Z., Abbasi M.I., Kamarudin M.R., Majid H.A., Dahri M.H., Jamaluddin M.H., Alomainy A.	Ashyap A.Y.I. Dahlan S.H.B. Zainal Abidin Z. DR. MUHAMMAD INAM ABBASI Kamarudin M.R. Majid H.A. Dahri M.H.	An overview of electromagnetic band-gap integrated wearable antennas	Review	2020	IEEE Access	21693536		SCOPUS	WOS
22	Sharif M.M., Johari M.A.M., Al Noman A., Abdul Khudus M.I.M., Harun S.W.	Sharif M.M. MD ASHADI BIN MD JOHARI Al Noman A. Abdul Khudus M.I.M. Harun S.W.	PMMA microfiber and Microball Resonator for formaldehyde liquid sensing	Article	2020	Sensors and Actuators, A: Physical	9244247		SCOPUS	WOS
23	Johari M.A.M., Pour M.P., Al Noman A., Khudus M.I.M.A., Jali M.H.B., Maslinda M.S., Ali U.U.M., Harun S.W.	MD ASHADI BIN MD JOHARI Pour M.P. Al Noman A. Khudus M.I.M.A. MOHD HAFIZ BIN JALI Maslinda M.S. Ali U.U.M. Harun S.W.	Effect of PMMA and PVA coating on the performance of optical microbottle resonator humidity sensors	Article	2020	Microwave and Optical Technology Letters	8952477		SCOPUS	WOS
24	Ramlee R.A., Subramaniam S.K., Yaakob S.B., Rahman A.S.F., Saad N.M.	IR. DR. RIDZA AZRI BIN RAMLEE DR. SIVA KUMAR A/L SUBRAMANIAM Yaakob S.B. Rahman A.S.F TS. DR. NORHASHIMAH BINTI MOHD SAAD	Corneal arcus classification for hyperlipidemia detection using gray level co-occurrence matrix features	Conference Paper	2020	Journal of Physics: Conference Series	17426588		SCOPUS	
25	Zahari M., Mutalib N., Affendi N.N., Hashim N., Hadi D.A., Hamoud A.A., Johari S.H., Ab Wahab N., Ahmad S.	TS. MADIHA BINTI ZAHARI NURLIYANA BINTI ABD. MUTALIB NUR NADIA NATASYA BINTI BADRUL AFFANDI NORLEZAH BINTI HASHIM DAYANASARI BINTI ABDUL HADI Hamoud A.A. TS. SITI HALMA BINTI JOHARI	Development of mobile robot for measuring distance using optical quadrature encoder	Article	2020	Indonesian Journal of Electrical Engineering and Computer Science	25024752		SCOPUS	
26	Rahman A.A., Salam Z., Shaari S., Ramli M.Z.	AZHAN BIN AB RAHMAN Salam Z. Shaari S. DR. MOHD ZULKIFLI BIN RAMLI	Methodology to determine photovoltaic inverter conversion efficiency for the equatorial region	Article	2020	Applied Sciences (Switzerland)	20763417		SCOPUS	WOS
27	Ali N.A., Syafeeza A.R., Jaafar A.S., Alif M.K.M.F.	NUR ALISA BINTI ALI DR. SYAFEEZA BINTI AHMAD RADZI DR. ABD SHUKUR BIN JA'AFAR Alif M.K.M.F.	Autism spectrum disorder classification on electroencephalogram signal using deep learning algorithm	Article	2020	IAES International Journal of Artificial Intelligence	20894872		SCOPUS	

28	Mohd Tumari M.Z., Suid M.H., Ahmad M.A.	TS. MOHD ZAIDI BIN MOHD TUMARI Suid M.H. Ahmad M.A.	A modified grey wolf optimizer for improving wind plant energy production	Article	2020	Indonesian Journal of Electrical Engineering and Computer Science	25024752		SCOPUS	
29	Kassim A.M., Termezai M.F.N.M., Jaya A.K.R.A., Azahar A.H., Sivarao S., Jafar F.A., Jaafar H.I., Aras M.S.M.	IR. DR. ANUAR BIN MOHAMED KASSIM MOHD FAIZ NAJMUDDIN BIN MOHAMAD TERMEZAI AWANGKU KHAIRUL RIDZWAN BIN AWANGKU JAYA ARMAN HADI BIN AZAHAR PROFESOR IR. TS. DR. SIVARAO A/L SUBRAMONIAN DR. FAIRUL AZNI BIN JAFAR DR. HAZRIL IZZUAN BIN JAAFAR	Design and development of autonomous pesticide sprayer robot for fertigation farm	Article	2020	International Journal of Advanced Computer Science and Applications	2158107X		SCOPUS	WOS
30	Dahalan A.H., Aziz M.Z.A.A., Othman M.A., Amri M.S.	TS. ABDUL HALIM BIN DAHALAN PROFESOR MADYA DR MOHAMAD ZAINOL ABIDIN BIN ABD. AZIZ DR. MOHD AZLISHAH BIN OTHMAN IR. TS. MOHD SYAHRIN AMRI BIN MOHD NOH	Experimental analysis on kapton material using peltier thermoelectric device	Article	2020	International Journal of Advanced Trends in Computer Science and Engineering	22783091		SCOPUS	
31	Edward N., Shairi N.A., Othman A., Zakaria Z., Saiful Bahri I.D.	NURHASNIZA BINTI EDWARD DR. NOOR AZWAN BIN SHAIRI ADIB BIN OTHMAN PROFESOR DR. ZAHRIADHA BIN ZAKARIA IKA DEWI BINTI SAIFUL BAHRI	Reconfigurable modified wilkinson power divider using pin diode switch	Article	2020	Bulletin of Electrical Engineering and Informatics	20893191		SCOPUS	
32	Ahmad M.A., Musa Z., Suid M.H., Tumari M.Z.M.	Ahmad M.A. Musa Z. Suid M.H. TS. MOHD ZAIDI BIN MOHD TUMARI	Grey wolf optimizer for identification of liquid slosh behavior using continuous-time hammerstein model	Article	2020	Bulletin of Electrical Engineering and Informatics	20893191		SCOPUS	
33	Narayanamurthy V., Jeroish Z.E., Bhuvaneshwari K.S., Bayat P., Premkumar R., Samsuri F., Yusoff M.M.	DR. VIGNESWARAN NARAYANAMURTHY Jeroish Z.E. Bhuvaneshwari K.S.* Bayat P. Premkumar R. Samsuri F. Yusoff M.M.	Advances in passively driven microfluidics and lab-on-chip devices: A comprehensive literature review and patent analysis	Article	2020	RSC Advances	20462069		SCOPUS	WOS
34	Ghani Z.A., Onn E., Zeain M.Y., Toding A., Azidin F.A., Othman H., Zakaria Z., Lago H.	DR. ZAMRE BIN ABD GHANI TS. EFFENDY ONN BIN SIAM MOHAMMED YOUSIF ZEAIN Toding A. DR. FARID ARAFAT BIN AZIDIN Othman H. PROFESOR DR. ZAHRIADHA BIN ZAKARIA	Peripheral interface controller-based maximum power point tracking algorithm for photovoltaic dc to dc boost controller	Article	2020	Telkomnika (Telecommunication Computing Electronics and Control)	16936930		SCOPUS	
35	Tumari M.Z.M., Zainal Abidin A.F., Yusof A.A., Mohd Aras M.S., Mustapha N.M.Z.A., Ahmad M.A.	TS. MOHD ZAIDI BIN MOHD TUMARI AMAR FAIZ BIN ZAINAL ABIDIN PROFESOR MADYA DR AHMAD ANAS BIN YUSOF PROFESOR MADYA DR MOHD SHAHRIEEL BIN MOHD ARAS Mustapha N.M.Z.A. Ahmad M.A.	Model-Free PID Controller Based on Grey Wolf Optimizer for Hovering Autonomous Underwater Vehicle Depth Control	Conference Paper	2020	Lecture Notes in Electrical Engineering	18761100		SCOPUS	
36	Noora Safrin A., Pooja B., Hema K., Padmapriya P., Narayanamurthy V., Samsuri F.	Noora Safrin A. Pooja B. Hema K. Padmapriya P. DR. VIGNESWARAN NARAYANAMURTHY Samsuri F.	Infrared Thermal Sensor for a Low Cost and Non-invasive Detection of Skin Cancer	Conference Paper	2020	Lecture Notes in Electrical Engineering	18761100		SCOPUS	
37	Hamid M.S., Manap N.A., Hamzah R.A., Kadmin A.F.	TS. MOHD SAAD BIN HAMID PROFESOR MADYA DR NURULFAJAR BIN ABD MANAP TS. DR. ROSTAM AFFENDI BIN HAMZAH TS. AHMAD FAUZAN BIN KADMIN	Converged classification network for matching cost computation	Article	2020	International Journal of Advanced Science and Technology	20054238		SCOPUS	

38	Amran A.C., Ananta G.P., Hanafiah M.A.B.M., Ali A., Mohd C.K.N.C.K.	TS. DR. ALIZA BINTI CHE AMRAN TS. DR. GEDE PRAMUDYA ANANTA* PROFESOR MADYA MOHD ARIFF BIN MAT HANAFIAH TS. ADLAN BIN ALI DR. CHE KU NURAINI BINTI CHE KU MOHD <i>*tamat kontrak</i>	Development of the Malaysian skills certification for lecturers in tertiary TVET institutions	Article	2020	Journal of Technical Education and Training	22298932		SCOPUS	WOS
39	Brahin N.M.A., Nasir H.M., Jidin A.Z., Zulkifli M.F., Sutikno T.	NOOR MOHD ARIFF BIN BRAHIN DR. HASLINAH BINTI MOHD NASIR AIMAN ZAKWAN BIN JIDIN TS. MOHD FAIZAL BIN ZULKIFLI Sutikno T.	Development of vocabulary learning application by using machine learning technique	Article	2020	Bulletin of Electrical Engineering and Informatics	20893191		SCOPUS	
40	Kanda M., Hashizume M., Ali F.A.B., Yotsuyanagi H., Lu S.-K.	Kanda M. Hashizume M. DR. FARA ASHIKIN BINTI ALI Yotsuyanagi H. Lu S.-K.	Open Defect Detection Not Utilizing Boundary Scan Flip-Flops in Assembled Circuit Boards	Article	2020	IEEE Transactions on Components, Packaging and Manufacturing Technology	21563950		SCOPUS	WOS
41	Wahab N.A., Onn A.B., Bin Nordin A.K., Zahari M., Mutalib N.A., Nor R.M., Nasir N.S.	TS. DR. NORFARIZA BINTI AB WAHAB AZIZI ARIF BIN ONN TS. ABD KHAHAR BIN NORDIN TS. MADIHA BINTI ZAHARI NURLIYANA BINTI ABD. MUTALIB ROZILAWATI BINTI MOHD NOR NUR SYUHADA BINTI MD NASIR	Design improvement of fixable clamping jig for milling machine based on surface roughness	Article	2020	ARPN Journal of Engineering and Applied Sciences	18196608		SCOPUS	
42	Jamian S., Salim S.N.S., Kamarudin M.N., Zainon M., Syed Mohamad M.S., Abdullah L., Hanafiah M.A.M.	SYAMIZA BINTI JAMIAN TS. DR. SYED NAJIB BIN SYED SALIM DR. MUHAMMAD NIZAM BIN KAMARUDIN TS. MASLAN BIN ZAINON DR. MUHAMMAD SYAFIQ BIN SYED MOHAMED IR. DR. LOKMAN BIN ABDULLAH PROFESOR MADYA MOHD ARIFF BIN MAT HANAFIAH	Review on controller design in pneumatic actuator drive system	Article	2020	Telkomnika (Telecommunication Computing Electronics and Control)	16936930		SCOPUS	
43	Kasim J.S., Isa M.S.M., Zakaria Z., Hussein M.I., Mohsen M.K.	JAMAL SALIH KASIM ALSOUFI DR. MOHD SA'ARI BIN MOHAMAD ISA PROFESOR DR. ZHRILADHA BIN ZAKARIA Hussein M.I. Mohsen M.K.	Radiation beam scanning for leaky wave antenna by using slots	Article	2020	Telkomnika (Telecommunication Computing Electronics and Control)	16936930		SCOPUS	
44	Ibrahim Z., Kadir M.Z.A.A., Azis N., Jasni J., Izadi M., Roslan M.H.	TS. ZULKIFLI BIN IBRAHIM Kadir M.Z.A.A. Azis N. Jasni J. Izadi M. Roslan M.H.	Numerical modelling for natural oil convection of non-guided winding cooling arrangement	Article	2020	CFD Letters	21801363		SCOPUS	
45	Alsayaydeh J.A.J., Indra W.A., Khang A.W.Y., Hossain A.K.M.Z., Shkarupylo V., Puspanathan J.	DR. JAMIL ABEDALRAHIM JAMIL ALSAYAYDEH WIN ADIYANSYAH INDRA TS. DR. ADAM WONG YOON KHANG DR. A K M ZAKIR HOSSAIN Shkarupylo V. Puspanathan J.	The experimental studies of the automatic control methods of magnetic separators performance by magnetic product	Article	2020	ARPN Journal of Engineering and Applied Sciences	18196608		SCOPUS	
46	Hashim N., Norddin N., Idris F., Yusoff S.N.I.M., Zahari M.	NORLEZAH BINTI HASHIM NURBAHIRAH BINTI NORDDIN DR. FAKRULRADZI BIN IDRIS SITI NUR ILMANI BINTI MOHD YUSOFF TS. MADIHA BINTI ZAHARI	IoT blood pressure monitoring system	Article	2020	Indonesian Journal of Electrical Engineering and Computer Science	25024752		SCOPUS	
47	Noh F.H.M., Yaakub M.F., Nordin I.N.A.M., Sahari N., Zambri N.A., Yi S.S., Saibon M.S.M.	Noh F.H.M. TS. MUHAMAD FAIZAL BIN YAAKUB Nordin I.N.A.M. Sahari N. Zambri N.A. Yi S.S. Saibon M.S.M.	Development of solar panel cleaning robot using arduino	Article	2020	Indonesian Journal of Electrical Engineering and Computer Science	25024752		SCOPUS	

48	Jali M.H., Rahim H.R.A., Yusof H.H.M., Johari M.A.M., Thokchom S., Harun S.W.	MOHD HAFIZ BIN JALI DR. HAZLI RAFIS BIN ABDUL RAHIM DR. HAZIEZOL HELMI BIN MOHD YUSOF MD ASHADI BIN MD JOHARI Thokchom S. Harun S.W.	Humidity Effects on the Growth of ZnO Nanorods using Hydrothermal Method	Conference Paper	2020	Journal of Physics: Conference Series	17426588		SCOPUS	
49	Ismail E., Abd Gani S.F., Zainal Abidin A.F., Tengku Ibrahim T.N., Semail S.	EDZWAN BIN ISMAIL TS. SHAMSUL FAKHAR BIN ABD GANI AMAR FAIZ BIN ZAINAL ABIDIN Tengku Ibrahim T.N. Semail S.	Improvement Development of Bill Acceptor for Laundry Application with Internet-of-Thing as Notification	Conference Paper	2020	IOP Conference Series: Materials Science and Engineering	17578981		SCOPUS	
50	Apok M.A., James W.A., Abidin A.F.Z., Hasim S.H., Omar N.H., Ibrahim T.N.T.	Apok M.A. James W.A. AMAR FAIZ BIN ZAINAL ABIDIN Hasim S.H. Omar N.H. Ibrahim T.N.T.	Improved of Smart Vacuum Flask with Beverage Identifier and Temperature Indicator	Conference Paper	2020	IOP Conference Series: Materials Science and Engineering	17578981		SCOPUS	
51	Taib W.M.R.W., Omar N.H., Jalani N.A., Yusoff Z.M., Abidin A.F.Z.	Taib W.M.R.W. Omar N.H. Jalani N.A. Yusoff Z.M. AMAR FAIZ BIN ZAINAL ABIDIN	E-Green Jukebox: The Development of an Electronic Jukebox That Accept Aluminium Can as Token	Conference Paper	2020	IOP Conference Series: Materials Science and Engineering	17578981		SCOPUS	
52	Ahmad M.A., Mohd Rashid M.I., Sulaiman M.H., Suid M.H., Mohd Tumari M.Z.	Ahmad M.A. Mohd Rashid M.I. Sulaiman M.H. Suid M.H. TS. MOHD ZAIDI BIN MOHD TUMARI	Levy Flight Safe Experimentation Dynamics Algorithm for Data-Based PID Tuning of Flexible Joint Robot	Conference Paper	2020	ISCAIE 2020 - IEEE 10th Symposium on Computer Applications and Industrial Electronics		9780000000000	SCOPUS	
53	Nasir, Haslinah Mohd; Aminuddin, Mai Mariam Mohamed; Brahin, Noor Mohd Ariff; Mustafa, Izadora	DR. HASLINAH BINTI MOHD NASIR DR. MAI MARIAM BINTI MOHAMED AMINUDDIN NOOR MOHD ARIFF BIN BRAHIN IZADORA BINTI MUSTAFFA	Attention Level Determination by Using Fuzzy	Article	2020	INTERNATIONAL JOURNAL OF INTEGRATED ENGINEERING	2229-838X		SCOPUS	WOS
54	Sabikan S.B., Nawawi S.W., Aziz N.A.A.	TS. SULAIMAN BIN SABIKAN Nawawi S.W. Aziz N.A.A.	Modelling of time-to collision for unmanned aerial vehicle using particles swarm optimization	Article	2020	IAES International Journal of Artificial Intelligence	20894872		SCOPUS	
55	Aris N.A.M., Hashiguchi H., Yamamoto M.	DR. NOR AZLAN BIN MOHD ARIS Hashiguchi H. Yamamoto M.	Evaluation of EAR Spaced Antenna Performance Using Multiple Receiving Antennas Orientations	Article	2020	Radio Science	486604		SCOPUS	WOS
56	Upkli W.R., Rahman A.A., Razak I.A.W.A., Shah H.N.M., Aras M.S.M.	WENNY RUMY ANAK UPKLI AZHAN BIN AB RAHMAN DR. INTAN AZMIRA BINTI WAN ABDUL RAZAK DR. HAIROL NIZAM BIN MOHD SHAH PROFESOR MADYA DR MOHD SHAHRIEEL BIN MOHD ARAS	OutpUt Power Forecasting for 6kW thin-film PV system using response surface methodology	Article	2020	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	22897879		SCOPUS	
57	Lada M.Y., Radzi M.A.M., Jasni J., Hizam H., Jidin A., Mohamad S.H.	MUSA BIN YUSUP LADA Radzi M.A.M. Jasni J. Hizam H. DR. AUZANI BIN JIDIN TS. SYAHRUL HISHAM BIN MOHAMAD @ ABD RAHMAN	Performance of three-phase three-wire cascaded h-bridge multilevel inverter-based shunt active power filter	Article	2020	International Journal of Power Electronics and Drive Systems	20888694		SCOPUS	

58	Ahmad, Aminah; Harun, Sulaiman Wadi; Paul, Mukul Chandran; Rusdi, M. F. M.; Das, Shyamal; Dhar, Anirban; Noordin, Kamarul Ariffin	AMINAH BINTI AHMAD Harun, Sulaiman Wadi Paul, Mukul Chandran Rusdi, M. F. M. Das, Shyamal Dhar, Anirban Noordin, Kamarul Ariffin	Bismuth-doped fiber as Q-switcher in hafnium bismuth erbium co-doped fiber laser	Article	2020	MICROWAVE AND OPTICAL TECHNOLOGY LETTERS	0895-2477	1098-2760	SCOPUS	WOS
59	Ali N.A., Syafeeza A.R., Ja'afar A.S., Abdul Hamid N., Mohamad Saleh T.S.B.	NUR ALISA BINTI ALI DR. SYAFEEZA BINTI AHMAD RADZI DR. ABD SHUKUR BIN JA'AFAR DR. NORIHAN BINTI ABDUL HAMID TS. SALEHA BINTI MOHAMAD SALEH	Home automation monitoring system based on Internet-of-Things application	Conference Paper	2020	Journal of Physics: Conference Series	17426588		SCOPUS	
60	Ali N.A., Syafeeza A.R., Ja'afar A.S., Abdul Hamid N., Ridzuan M.	NUR ALISA BINTI ALI DR. SYAFEEZA BINTI AHMAD RADZI DR. ABD SHUKUR BIN JA'AFAR DR. NORIHAN BINTI ABDUL HAMID MUHAMMAD SAFIQ BIN RIDZUAN	Garbage monitoring systems based on Internet-of-Things application	Conference Paper	2020	Journal of Physics: Conference Series	17426588		SCOPUS	
61	Haszerila Wan Hassan W., Yan Li N., Mohd Azize A., Zakaria Z., Azwan Shairi N., Hakim Abdul Hamid M.	WAN HASZERILA BINTI WAN HASSAN NGA YAN LI AZIEAN BINTI MOHD AZIZE PROFESOR DR. ZAHIRLADHA BIN ZAKARIA DR. NOOR AZWAN BIN SHAIRI TS. MOHD HAKIM BIN ABDUL HAMID	Simulation on wideband antenna based on Polydimethylsiloxane (PDMS) for medical imaging application	Conference Paper	2020	Journal of Physics: Conference Series	17426588		SCOPUS	
62	Mohd Azize A., Azuan Mohd Bahar A., Haszerila Wan Hassan W., Zakaria Z., Alahnomi R.A., Hakim Abdul Hamid M.	AZIEAN BINTI MOHD AZIZE AMYRUL AZUAN BIN MOHD BAHAR WAN HASZERILA BINTI WAN HASSAN PROFESOR DR. ZAHIRLADHA BIN ZAKARIA RAMMAH ALI HUSSIEEN AL-AHNOMI TS. MOHD HAKIM BIN ABDUL HAMID	Bridge multiple split ring resonator sensor for microwave liquid characterization	Conference Paper	2020	Journal of Physics: Conference Series	17426588		SCOPUS	
63	Sulaiman N.H., Samsuri N.A., Rahim M.K.A., Inam M., Seman F.C., Othman N.	Sulaiman N.H. Samsuri N.A. Rahim M.K.A. DR. MUHAMMAD INAM ABBASI Seman F.C. Othman N.	Phantom development for In-Vitro measurements of MICS band telemetry antenna	Conference Paper	2020	Journal of Physics: Conference Series	17426588		SCOPUS	
64	Wong Yoon Khang A., Elias S.J., Zulkifli N., Adiyansyah Indra W., Abedalrahim Jamil Alsayaydeh J., Manap Z., Akbar Mohamat Gani J.	TS. DR. ADAM WONG YOON KHANG Elias S.J. Zulkifli N. WIN ADIYANSYAH INDRA DR. JAMIL ABEDALRAHIM JAMIL ALSAYAYDEH TS. ZAHARIAH BINTI MANAP TS. IOHAR AKRAR BIN MOHAMAT GANI	Qualitative-based QoS performance study using hybrid ACO and PSO algorithm routing in MANET	Conference Paper	2020	Journal of Physics: Conference Series	17426588		SCOPUS	
65	Azahar A.H., Mohamad R.A., Harun M.H., Abidin A.F.Z., Shah M.B.N., Mohd.Nor R., Basar M.F.	ARMAN HADI BIN AZAHAR RAMIZAH AMIRA BINTI MOHAMAD MOHAMAD HANIFF BIN HARUN AMAR FAIZ BIN ZAINAL ABIDIN DR. MOHD BADRIL BIN NOR SHAH ROZILAWATI BINTI MOHD NOR DR. MOHD FARRIZ BIN HJMD BASAR	Development and evaluation of stove using peltier effect: Connection and temperature control	Article	2020	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	22897879		SCOPUS	
66	Mohamad S.H., Radzi M.A.M., Mailah N.F., Wahab N.I.A., Jidin A., Lada M.Y.	TS. SYAHRUL HISHAM BIN MOHAMAD @ ABD RAHMAN Radzi M.A.M. Mailah N.F. Wahab N.I.A. DR. AUZANI BIN JIDIN MUSA BIN YUSUP LADA	Adaptive notch filter under indirect and direct current controls for active power filter	Article	2020	Bulletin of Electrical Engineering and Informatics	20893191		SCOPUS	
67	Noordin A., Basri M.A.M., Mohamed Z.	TS. AMINURRASHID BIN NOORDIN Basri M.A.M. Mohamed Z.	Simulation and experimental study on pid control of a quadrotor MAV with perturbation	Article	2020	Bulletin of Electrical Engineering and Informatics	20893191		SCOPUS	

68	Basri M.A.M., Noordin A.	Basri M.A.M. TS. AMINURRASHID BIN NOORDIN	Optimal backstepping control of quadrotor uav using gravitational search optimization algorithm	Article	2020	Bulletin of Electrical Engineering and Informatics	20893191		SCOPUS	
69	Manap M., Abdullah A.R., Nikolovski S., Sutikno T., Jopri M.H.	TS. MUSTAFA BIN MANAP PROFESOR MADYA IR. TS. DR. ABDUL RAHIM BIN ABDULLAH Nikolovski S. Sutikno T. MOHD HATTA BIN JOPRI	An improved smooth-windowed wigner-ville distribution analysis for voltage variation signal	Article	2020	International Journal of Electrical and Computer Engineering	20888708		SCOPUS	
70	Abdullah F.S.B., Piah M.A.M., Othman N.A., Din A.	Abdullah F.S.B. Piah M.A.M. Othman N.A. TS. ASRI BIN DIN	Prediction of surface leakage current of overhead insulators under environmental and electrical stresses	Article	2020	Bulletin of Electrical Engineering and Informatics	20893191		SCOPUS	
71	Mispan M.S., Mustafa A.H., Sarkawi H., Jidin A.Z.	DR. MOHD SYAFIQ BIN MISPAN AHMAD HAFIZUDDIN BIN MUSTAFA HAFEZ BIN SARKAWI AIMAN ZAKWAN BIN JIDIN	Low-cost and portable automatic sheet cutter	Article	2020	International Journal of Electrical and Computer Engineering	20888708		SCOPUS	
72	Hussin M.S.F., Jumaidin R., Ali N.M., Fauzi M.A., Saat S., Sadun A.S., Yassim H.M., Ahmad E.Z.	MOHAMED SAIFUL FIRDAUS BIN HUSSIN DR. RIDHWAN BIN JUM Aidin NURSABILLILAH BINTI MOHD ALI Fauzi M.A. TS. SHAHRIZAL BIN SAAT Sadun A.S. HALYANI BINTI MOHD YASSIM	Conceptual design and structure analysis of savonius vertical axis wind turbine under low wind speed	Article	2020	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	22897879		SCOPUS	
73	Hamid S.M.S.B.S.A., Zailee M.A.B.	SYED MOHAMAD SHAZALI BIN SYED ABDUL HAMID MUHAMAD ADDEEN BIN ZAILEE	Rendering ROV rolling motion on a handheld haptic device	Article	2020	International Journal of Advanced Trends in Computer Science and Engineering	22783091		SCOPUS	
74	Mohd Ab Halim M.F., Sulaiman E., Othman R.N.F.K.R.	TS. MOHD FIRDAUS BIN MOHD AB HALIM Sulaiman E. PROFESOR MADYA DR RAJA NOR FIRDAUS KASHFI BIN RAJA OTHMAN	Preliminary magnetization pattern study on magnetic gear	Article	2020	International Journal of Advanced Trends in Computer Science and Engineering	22783091		SCOPUS	
75	Ab Halim M.F.M., Sulaiman E., Othman R.N.F.K.R.	TS. MOHD FIRDAUS BIN MOHD AB HALIM Sulaiman E. PROFESOR MADYA DR RAJA NOR FIRDAUS KASHFI BIN RAJA OTHMAN	Flux switching machine: Design variation review	Article	2020	International Journal of Advanced Trends in Computer Science and Engineering	22783091		SCOPUS	
76	Rahman M.F.A., Ahmad M.T., Rusdi M.F.M., Latiff A.A., Harun S.W.	IR. TS. DR. MOHD FAUZI BIN AB RAHMAN MUHAMMAD TAUFUQ BIN AHMAD Rusdi M.F.M. IR. DR. ANAS BIN ABDUL LATIFF Harun S.W.	Fibre-based Saturable Absorbers for Pulsed Generations in the 1-micron Region	Conference Paper	2020	IOP Conference Series: Materials Science and Engineering	17578981		SCOPUS	
77	Johari M.A.M., Rosol A.H., Baharuddin N.A., Khudus M.I.M.A., Jali M.H., Maslinda M.S., Jaapar S.S., Harun S.W.	MD ASHADI BIN MD JOHARI Rosol A.H. Baharuddin N.A. Khudus M.I.M.A. MOHD HAFIZ BIN JALI Maslinda M.S. Jaapar S.S.	Microbottle-Resonator Ethanol Liquid Sensor	Conference Paper	2020	IOP Conference Series: Materials Science and Engineering	17578981		SCOPUS	

78	Ab Wahab N., Martius J.L., Nordin A.K., Zahari M., Najib S.M., Saifizi M.	TS. DR. NORFARIZA BINTI AB WAHAB JACOB LISA MATIUS TS. ABD KHAHAR BIN NORDIN TS. MADIHA BINTI ZAHARI DR. SUHAILA BINTI MOHD NAJIB Saifizi M.	DESIGN and DEVELOPMENT of PORTABLE VACUUM CLAMPING (PVAC CLAMP) for TOOL ROOM	Conference Paper	2020	Journal of Physics: Conference Series	17426588		SCOPUS	
79	Saat S., Abd Rashid W.N., Tumari M.Z.M., Saealal M.S.	TS. SHAHRIZAL BIN SAAT TS. WAN NORHISYAM BIN ABD RASHID TS. MOHD ZAIDI BIN MOHD TUMARI MUHAMMAD SALIHIN BIN SAEALAL	HECTORSLAM 2D MAPPING for SIMULTANEOUS LOCALIZATION and MAPPING (SLAM)	Conference Paper	2020	Journal of Physics: Conference Series	17426588		SCOPUS	
80	Wahid M.K., Kasno M.A., Ahmad M.N., Osman M.H., Maidin N.A., Rahman M.H.A., Firdaus H.M.S.	TS. MOHAMMAD KHALID BIN WAHID IR. TS. MOHAMMAD `AFIF BIN KASNO IR. TS. MOHD NAZRI BIN AHMAD TS. MOHD HAIRIZAL BIN OSMAN NURUL AIN BINTI MAIDIN MOHD HIDAYAT BIN AB RAHMAN MOHAMED SAIEUL FIRDAUS BIN HUSSIN	IMPROVEMENT of CHATTER STABILITY in MILLING MACHINING USING NEOPRENE RUBBER SHEET AS DAMPING ELEMENT	Conference Paper	2020	Journal of Physics: Conference Series	17426588		SCOPUS	
81	Ab Halim M.F.M., Annuar K.A.M., Harun M.H., Anuar N.F., Abid M.A.M., Zainuddin M.A., Ab Halim M.F.M.	TS. MOHD FIRDAUS BIN MOHD AB HALIM TS. KHALIL AZHA BIN MOHD ANNUAR MOHAMAD HANIFF BIN HARUN NUR FAIZUAN BIN ANUAR PROFESOR IR. DR. MOHD ASYADI 'AZAM BIN MOHD ABID Zainuddin M.A. TS. MOHD FIRDAUS BIN MOHD AB HALIM	Evaluation of Charging Profile of Lead Acid Battery used in Electrical Scooter	Conference Paper	2020	Journal of Physics: Conference Series	17426588		SCOPUS	
82	Ramli M.I., Nuawi M.Z., Rasani M.R.M., Ngatiman N.A., Basar M.F., Ghani A.F.A.	TS. DR. MOHD IRMAN BIN RAMLI Nuawi M.Z. Rasani M.R.M. TS. NOR AZAZI BIN NGATIMAN IR. DR. MOHD FARRIZ BIN HJ MD BASAR TS. DR. AHMAD FUAD BIN AB GHANI	ANALYSIS of YOUNG MODULUS and POISSON RATIO USING I-KAZ 4D ANALYSIS METHOD THROUGH PIEZOFILM SENSOR	Conference Paper	2020	Journal of Physics: Conference Series	17426588		SCOPUS	
83	Idris N., Saadon I.M., Kamarulzaman M.F., Hashim R., Zakaria M.Z., Mitan N.M.M.	NORAIN BINTI IDRIS INTAN MASTURA BINTI SAADON MUHAMMAD FARITH HANAFIAH BIN KAMARULZAMAN ROSZIANA BINTI HASHIM MUHAMMAD ZULFATTAH BIN ZAKARIA Mitan N.M.M.	YOUNG COCONUT WASTE AS GREENER DESICCANT ALTERNATIVE in DESICCANT DEHUMIDIFIER	Conference Paper	2020	Journal of Physics: Conference Series	17426588		SCOPUS	
84	Jui J.J., Suid M.H., Ghazali M.R., Ahmad M.A., Tumari M.Z.M.	Jui J.J. Suid M.H. Ghazali M.R. Ahmad M.A. TS. MOHD ZAIDI BIN MOHD TUMARI	Modified Sine Cosine Algorithm for Identification of Liquid Slosh based on Continuous-time Hammerstein Model	Conference Paper	2020	Journal of Physics: Conference Series	17426588		SCOPUS	
85	Amri M.S., Rashid W.N.A., Harun F., Kadmin A.F., Basar M.F., Rahman K.A.A.	IR. TS. MOHD SYHRIN AMRI BIN MOHD NOH TS. WAN NORHISYAM BIN ABD RASHID Harun F. TS. AHMAD FAUZAN BIN KADMIN IR. DR. MOHD FARRIZ BIN HJ MD BASAR TS. KHAIRUL ANUAR BIN A RAHMAN	An Improvement of Plasma Cleaning Time towards Leadframe Oxidation Performance	Conference Paper	2020	Journal of Physics: Conference Series	17426588		SCOPUS	
86	Mahmood W.H.W., Abdullah I., Fauadi M.H.F.Md., Rahman M.N.A., Halim M.F.M., Said M.A., Sabri M.S.M.	PROFESOR MADYA TS. DR. WAN HASRULNIZZAM BIN WAN MAHMOOD ILYANA BINTI ABDULLAH PROFESOR MADYA DR MUHAMMAD HAFIDZ FAZLI BIN MD FAUADI Rahman M.N.A. TS. MOHD FIRDAUS BIN MOHD AB HALIM TS. MOHAMED AZMI BIN SAID Sabri M.S.M.	PRIORITIZING SUSTAINABILITY IMPACT of FAILURE MODE and EFFECT ANALYSIS in the PALM OIL MILL USING ANALYTICAL HIERARCHY PROCESS	Conference Paper	2020	Journal of Physics: Conference Series	17426588		SCOPUS	
87	Saadon I.M., Idris N., Ahmad E.Z., Yassim H.M., Norddin N.	INTAN MASTURA BINTI SAADON NORAIN BINTI IDRIS EMY ZAIRAH BINTI AHMAD HALYANI BINTI MOHD YASSIM NURBAHIRAH BINTI NORDDIN	Construction of driving seat frame and 2-Dof motion simulator	Article	2020	International Journal of Integrated Engineering	2229838X		SCOPUS	WOS

88	Mohamed N., Mahmood W.H.W., Muhamad M.R., Yusup M.Z.	NORHAFIZA BINTI MOHAMED PROFESOR MADYA TS. DR. WAN HASRULNIZZAM BIN WAN MAHMOOD TS. MOHD RAZALI BIN MOHAMAD SAPIEE Yusup M.Z.	Initial study of factors on green supply chain management, green supplier strategy and work system performance	Article	2020	International Journal of Integrated Engineering	2229838X		SCOPUS	WOS
89	Tukimin R., Mahmood W.H.W., Muhamad M.R., Nordin M.M.	RAHAYU BINTI TUKIMIN PROFESOR MADYA TS. DR. WAN HASRULNIZZAM BIN WAN MAHMOOD TS. MOHD RAZALI BIN MOHAMAD SAPIEE Nordin M.M.	Exploring the impact of supplier development practices on manufacturing responsiveness in Malaysia	Article	2020	International Journal of Integrated Engineering	2229838X		SCOPUS	WOS
90	Jopri M.H., Abdullah A.R., Too J., Sutikno T., Nikolovski S., Manap M.	MOHD HATTA BIN JOPRI PROFESOR MADYA IR. TS. DR. ABDUL RAHIM BIN ABDULLAH TOO JING WEI Sutikno T. Nikolovski S. TS. MUSTAFA BIN MANAP	Support-vector machine and Naïve Bayes based diagnostic analytic of harmonic source identification	Article	2020	Indonesian Journal of Electrical Engineering and Computer Science	25024752		SCOPUS	
91	Mohd Ab Halim M.F., Sulaiman E., Othman R.N.F.K.R., Rahman A.A.	TS. MOHD FIRDAUS BIN MOHD AB HALIM Sulaiman E. PROFESOR MADYA DR RAJA NOR FIRDAUS KASHFI BIN RAJA OTHMAN AZHAN BIN AB RAHMAN	A new speed multiplier coaxial magnetic gear	Article	2020	Progress In Electromagnetics Research M	19378726		SCOPUS	WOS
92	Hashim F.R., Han L.Z., Aras M.S.M., Harun M.H., Yan H.G., Rizman Z.I.	Hashim F.R. LIM ZHI HAN PROFESOR MADYA DR MOHD SHAHRIEEL BIN MOHD ARAS MOHAMAD HANIFF BIN HARUN HO GUI YAN Rizman Z.I.	Decentralized 3D collision avoidance system for unmanned aerial vehicle (UAV)	Article	2020	Journal of Advanced Research in Dynamical and Control Systems	1943023X		SCOPUS	
93	Baharom M.F., Rahman M.F.A., Latiff A.A., Apsari R., Harun S.W.	MOHAMAD FAIZAL BIN BAHAROM IR. TS. DR. MOHD FAUZI BIN AB RAHMAN IR. DR. ANAS BIN ABDUL LATIFF Apsari R. Harun S.W.	Inducing Q-switching operation at 1-micron all-fiber laser via lutetium oxide film saturable absorber	Article	2020	Optik	304026		SCOPUS	
94	Idris F., Anuar M.S., Azman M.H.Z., Hashim N.	DR. FAKRULRADZI BIN IDRIS MUHAMMAD SYAHMI BIN ANUAR MUHAMMAD HAZIM BIN ZIN AZMAN NORLEZAH BINTI HASHIM	Design and Performance Analysis of IoT Based Sensor System Using LoRa	Conference Paper	2020	Lecture Notes in Electrical Engineering	18761100		SCOPUS	
95	Zakir Hossain A.K.M., Abidin Bin Abd Aziz M.Z., Khang A.W.Y., Indra W.A.	DR. A K M ZAKIR HOSSAIN PROFESOR MADYA DR MOHAMAD ZAINOL ABIDIN BIN ABD. AZIZ TS. DR. ADAM WONG YOON KHANG WIN ADIYANSYAH INDRA	A Planar Slotted RCS Based UWB RFID Tag on a PCB and a Flexible Substrate for Packaging Application	Conference Paper	2020	Lecture Notes in Electrical Engineering	18761100		SCOPUS	
96	Noordin A., Mohd Basri M.A., Mohamed Z., Mat Lazim I.	TS. AMINURRASHID BIN NOORDIN Mohd Basri M.A., Mohamed Z., Mat Lazim I.	Adaptive PID Controller Using Sliding Mode Control Approaches for Quadrotor UAV Attitude and Position Stabilization	Article in Press	2020	Arabian Journal for Science and Engineering	2193567X		SCOPUS	WOS
97	Saad W.H.M., Tai W.Y., Saad N.M., Karis M.S., Karim S.A.A.	DR. WIRA HIDAYAT BIN MOHD SAAD TAI WAI YIP TS. DR. NORHASHIMAH BINTI MOHD SAAD IR. MOHD SAFIRIN BIN KARIS Karim S.A.A.	Design and Analysis of Automated Inspection System for Relays Fault Detection	Conference Paper	2020	Lecture Notes in Electrical Engineering	18761100		SCOPUS	
98	Razman M.A.M., Jizat J.A.M., Yahya N.M., Abidin A.F.Z., Myung H., Karim M.S.A.	Razman M.A.M., Jizat J.A.M., Yahya N.M., AMAR FAIZ BIN ZAINAL ABIDIN Myung H., Karim M.S.A.	Preface	Editorial	2020	Lecture Notes in Electrical Engineering	18761100		SCOPUS	
99	Jeroish, Z. E.; Bhuvaneshwari, K. S.; Narayanamurthy, Vigneswaran; Premkumar, R.; Samsuri, Fahmi	Jeroish, Z. E.; Bhuvaneshwari, K. S.; DR. VIGNESWARAN NARAYANAMURTHY Premkumar, R.; Samsuri, Fahmi	TILT BASED PASSIVE OPTIMIZATIONS FOR MICROFLUIDICS AND LAB-ON-CHIP DEVICES - A SIMULATION STUDY	Article	2020	JOURNAL OF ENGINEERING SCIENCE AND TECHNOLOGY	1823-4690		SCOPUS	WOS
100	Dahalan A.H.B., Abd. Aziz M.Z.A., Othman M.A.	TS. ABDUL HALIM BIN DAHALAN PROFESOR MADYA DR MOHAMAD ZAINOL ABIDIN BIN ABD. AZIZ DR. MOHD AZLISHAH BIN OTHMAN	Experimental analysis on double layer kapton material using peltier thermoelectric device	Article	2020	Indonesian Journal of Electrical Engineering and Informatics	20893272		SCOPUS	

101	Khang A.W.Y., Ramli A., Elias S.J., Pusppanathan J., Alsayaydeh J.A.J., Mustafa F.H., Indra W.A., Gani J.A.M.	TS. DR. ADAM WONG YOON KHANG Ramli A. Elias S.J. Pusppanathan J. DR. JAMIL ABEDALRAHIM JAMIL ALSAYAYDEH Mustafa F.H. WIN ADIYANSYAH INDRA TS. JOHAR AKBAR BIN MOHAMAT GANI	Self-configuration and self-optimization process with taguchi method in hybrid optical wireless network	Article	2020	Indonesian Journal of Electrical Engineering and Computer Science	25024752		SCOPUS	
102	Jopri M.H., Abdullah A.R., Karim R., Nikolovski S., Sutikno T., Manap M.	MOHD HATTA BIN JOPRI PROFESOR MADYA IR. TS. DR. ABDUL RAHIM BIN ABDULLAH Karim R. Nikolovski S. Sutikno T. TS. MUSTAFA BIN MANAP	Accurate harmonic source identification using S-transform	Article	2020	Telkomnika (Telecommunication Computing Electronics and Control)	16936930		SCOPUS	
103	Halim M.F.M.A., Sulaiman E., Othman R.N.F.K.R.	TS. MOHD FIRDAUS BIN MOHD AB HALIM Sulaiman E. PROFESOR MADYA DR RAJA NOR FIRDAUS KASHFI BIN RAJA OTHMAN	Flux modulated rotating pole piece magnetic gear	Article	2020	International Journal of Power Electronics and Drive Systems	20888694		SCOPUS	
104	Harif M.N., Rahman K.S., Rosly H.N., Chelvanathan P., Doroody C., Misran H., Amin N.	Harif M.N. Rahman K.S. TS. HASRUL 'NISHAM BIN ROSLY Chelvanathan P. Doroody C. Misran H. Amin N.	An approach to alternative post-deposition treatment in CdTe thin films for solar cell application	Article	2020	Superlattices and Microstructures	7496036		SCOPUS	
105	Marzuki, Harysandi D.K., Oktaviani R., Meylani L., Vonnisa M., Harmadi, Hashiguchi H., Shimomai T., Luini L., Nugroho S., Muzirwan, Aris N.A.M.	Marzuki Harysandi D.K. Oktaviani R. Meylani L. Vonnisa M. Harmadi Hashiguchi H.	International Telecommunication Union-Radiocommunication Sector P.837-6 and P.837-7 performance to estimate Indonesian rainfall	Article	2020	Telkomnika (Telecommunication Computing Electronics and Control)	16936930		SCOPUS	
106	Ramlee N.A., Ahmad N.A., Baharudin Z.A., Mohamed A.R.	Ramlee N.A. Ahmad N.A. TS. DR. ZIKRI ABADI BIN BAHARUDIN ABDUL RAHIM BIN MOHAMED ISMAIL	High-Speed video observations on fork lightning events in Malaysia	Article	2020	Indonesian Journal of Electrical Engineering and Computer Science	25024752		SCOPUS	
107	Dahri M.H., Haizal Jamaluddin M., Seman F.C., Abbasi M.I., Ashyap A.Y.I., Kamarudin M.R., Hayat O.	Dahri M.H. Haizal Jamaluddin M. Seman F.C. DR. MUHAMMAD INAM ABBASI Ashyap A.Y.I. Kamarudin M.R. Hayat O.	A novel asymmetric patch reflectarray antenna with ground ring slots for 5g communication systems	Article	2020	Electronics (Switzerland)	20799292		SCOPUS	WOS
108	Adnan Z., Hassan M.Z., Abwahab N., Najib S.M., Nasir N.S.	ZAINALFIRDAUS BIN ADNAN PROFESOR MADYA TS. DR. MUHAMMAD ZAHIR BIN HASSAN NAZDIANA AB WAHAB DR. SUHAILA BINTI MOHD NAJIB NUR SYUHADA BINTI MD NASIR	Vehicle blind spot monitoring phenomenon using ultrasonic sensor	Article	2020	International Journal of Emerging Trends in Engineering Research	23473983		SCOPUS	
109	Muharam A., Ahmad S., Hattori R.	Muharam A. TS. SUZIANA BINTI AHMAD Hattori R.	Scaling-factor and design guidelines for shielded-capacitive power transfer	Article	2020	Energies	19961073		SCOPUS	WOS
110	M Saad W.H., Rahman N.A., Karis M.S., Chia S.L., A Karim S.A., Talib M.H., Razak M.S.J.A.	DR. WIRA HIDAYAT BIN MOHD SAAD NORHANANI BINTI ABD RAHMAN IR. MOHD SAFIRIN BIN KARIS CHIA SIA LIANG A Karim S.A. Talib M.H. Razak M.S.J.A.	Analysis on continuous wearable device for blood glucose detection using GSR sensor	Article	2020	International Journal of Nanoelectronics and Materials	19855761		SCOPUS	WOS

111	Wahab N.A., Bin Mustapha M.K., Nordin A.K.B., Zahari M., Mutalib N.A., Nor R.M., Nasir N.S.	TS. DR. NORFARIZA BINTI AB WAHAB MOHD KHAIRULAZWAN BIN MUSTAPHA TS. ABD KHAHAR BIN NORDIN TS. MADIHA BINTI ZAHARI NURLIYANA BINTI ABD. MUTALIB ROZILAWATI BINTI MOHD NOR NUR SYUHADA BINTI MD NASIR	Optimization of round shape portable vacuum clamping based on machining parameters	Article	2020	ARPN Journal of Engineering and Applied Sciences	18196608		SCOPUS	
112	Hamid M.S., Manap N.A., Hamzah R.A., Kadmin A.F.	TS. MOHD SAAD BIN HAMID PROFESOR MADYA DR NURULFAJAR BIN ABD MANAP TS. DR. ROSTAM AFFENDI BIN HAMZAH TS. AHMAD FAUZAN BIN KADMIN	Stereo matching algorithm based on deep learning: A survey	Article in Press	2020	Journal of King Saud University - Computer and Information Sciences	13191578		SCOPUS	
113	Kamarudin N.E.M., Nordin I.N.A.M., Faudzi A.A.M., Khamis N., Razif M.R.M., Zulkarnain N., Abidin A.F.Z.	Kamarudin N.E.M. Nordin I.N.A.M. Faudzi A.A.M. Khamis N. Razif M.R.M. Zulkarnain N. AMAR FAIZ BIN ZAINAL ABIDIN	Soft actuated foot exoskeleton for ankle rehabilitation	Article	2020	International Journal of Advanced Trends in Computer Science and Engineering	22783091		SCOPUS	
114	Yaakub M.F., Radzi M.A.M., Noh F.H.M., Azri M.	TS. MUHAMAD FAIZAL BIN YAAKUB Radzi M.A.M. Noh F.H.M. DR. MAASPALIZA BINTI AZRI	Silicon carbide power device characteristics, applications and challenges: An overview	Article	2020	International Journal of Power Electronics and Drive Systems	20888694		SCOPUS	
115	Din A., Piah M.A.M., Abdullah A.R., Norddin N., Abdullah F.S.	TS. ASRI BIN DIN Piah M.A.M. PROFESOR MADYA IR. TS. DR. ABDUL RAHIM BIN ABDULLAH NURBAHIRAH BINTI NORDDIN Abdullah F.S.	Leakage current signal parameter of various surface roughness conditions of field-aged polymer insulators	Article	2020	Indonesian Journal of Electrical Engineering and Computer Science	25024752		SCOPUS	
116	Tumari M.Z.M., Zahar M.M., Ahmad M.A.	TS. MOHD ZAIDI BIN MOHD TUMARI Zahar M.M. Ahmad M.A.	Optimal tuning of a wind plant energy production based on improved grey wolf optimizer	Article	2020	Bulletin of Electrical Engineering and Informatics	20893191		SCOPUS	
117	Jopri M.H., Abdullah A.R., Manap M., Shah M.B.N., Sutikno T., Too J.	MOHD HATTA BIN JOPRI PROFESOR MADYA IR. TS. DR. ABDUL RAHIM BIN ABDULLAH TS. MUSTAFA BIN MANAP DR. MOHD BADRIL BIN NOR SHAH Sutikno T. TOO JING WEI	Linear discriminate analysis and K-nearest neighbor based diagnostic analytic of harmonic source identification	Article	2020	Bulletin of Electrical Engineering and Informatics	20893191		SCOPUS	
118	Azam S.M.K., Islam M.S., Hossain A.K.M.Z., Othman M.	Azam S.M.K. Islam M.S. DR. A K M ZAKIR HOSSAIN Othman M.	Monopole antenna on transparent substrate and rectifier for energy harvesting applications in 5G	Article	2020	International Journal of Advanced Computer Science and Applications	2158107X		SCOPUS	WOS
119	Hamzah R.A., Ibrahim H.	TS. DR. ROSTAM AFFENDI BIN HAMZAH Ibrahim H.	Improvement of disparity map refinement stage using adaptive least square plane fitting technique	Article	2020	Electronics Letters	135194		SCOPUS	WOS
120	Zainiar N.A., Iqbal F., Supa'at A.S.M., Yoon Khang A.W.	Zainiar N.A. Iqbal F. Supa'at A.S.M. TS. DR. ADAM WONG YOON KHANG	Robustness metrics for optical networks	Article	2020	Indonesian Journal of Electrical Engineering and Computer Science	25024752		SCOPUS	

121	Jopri M.H., Ab Ghani M.R., Abdullah A.R., Sutikno T., Manap M., Too J.	MOHD HATTA BIN JOPRI PROFESOR DATUK DR. MOHD RUDDIN BIN AB. GHANI* PROFESOR MADYA IR. TS. DR. ABDUL RAHIM BIN ABDULLAH Sutikno T. TS. MUSTAFA BIN MANAP TOO JING WEI *gagal kontrol	Naive bayes and linear discriminate analysis based diagnostic analytic of harmonic source identification	Article	2020	Indonesian Journal of Electrical Engineering and Computer Science	25024752		SCOPUS	
122	Halim M.F.M.A., Sulaiman E., Jenal M., R Othman R.N.F.K.	TS. MOHD FIRDAUS BIN MOHD AB HALIM Sulaiman E. Jenal M. PROFESOR MADYA DR RAJA NOR FIRDAUS KASHFI BIN RAJA OTHMAN	Buried PM inner rotor magnetic gear evaluation	Conference Paper	2020	IOP Conference Series: Materials Science and Engineering	17578981		SCOPUS	
123	Basar M.F., Zulkarnain I.A., Razik N.H.A., Zakaria Z., Mustafa W.A., Zulkarnain Syed Idrus S., Aminudin Jamlos M.	IR. DR. MOHD FARRIZ BIN HJ MD BASAR IZZATIE AKMAL BINTI ZULKARNAIN Razik N.H.A. TS. ZAIHASRAF BIN ZAKARIA Mustafa W.A. Zulkarnain Syed Idrus S. Aminudin Jamlos M.	Exploratory of Electrical Learning Kit for STEM Application	Conference Paper	2020	IOP Conference Series: Materials Science and Engineering	17578981		SCOPUS	
124	Kee Y.J., Shah Zainudin M.N., Idris M.I., Ramlee R.H., Kamarudin M.R.	YONG JACK KEE TS. DR. MUHAMMAD NOORAZLAN SHAH BIN ZAINUDIN DR. MUHAMMAD IDZDIHAR BIN IDRIS RADI HUSIN BIN RAMLEE MUHAMMAD RAIHAAN BIN KAMARUDIN	Activity recognition on subject independent using machine learning	Article	2020	Cybernetics and Information Technologies	13119702		SCOPUS	WOS
125	Shah H.N.M., Hoo J.T., Kamis Z., Ahmad A., Abdollah M.F.	DR. HAIROL NIZAM BIN MOHD SHAH HOO JIAN TAT ZALINA BINTI KAMIS AMINAH BINTI AHMAD MOHD FAIRUS BIN ABDOLLAH	Remote-controlled car based on speech recognition	Article	2020	International Journal of Advanced Trends in Computer Science and Engineering	22783091		SCOPUS	
126	Kasno M.A., Zaimi N.M.F., Kadiran K.A., Saat S., Abidin A.F.Z., Waduth M.F.A.	IR. TS. MOHAMMAD `AFIF BIN KASNO NIK MUHAMMAD FIRDAUS BIN ZAIMI Kadiran K.A. TS. SHAHRIZAL BIN SAAT AMAR FAIZ BIN ZAINAL ABIDIN Waduth M.F.A.	The electronic educational quiz board development to test student's timing diagram knowledge of the ladder diagram in programmable logic controller	Article	2020	International Journal of Advanced Trends in Computer Science and Engineering	22783091		SCOPUS	
127	Saad N.M., Abdullah A.R., Syafeeza A.R., Noor N.S.M., Ali N.H., Muda A.S.	TS. DR. NORHASHIMAH BINTI MOHD SAAD PROFESOR MADYA IR. TS. DR. ABDUL RAHIM BIN ABDULLAH DR. SYAFEEZA BINTI AHMAD RADZI NOR SHAHIRAH BINTI MOHD NOOR Ali N.H. Muda A.S.	Automated Classification of Stroke Lesion Using Bagged Tree Classifier	Conference Paper	2020	IOP Conference Series: Materials Science and Engineering	17578981		SCOPUS	
128	Isa N.A., Baharudin Z.A., Ismail A.R.M., Zakaria Z., Rahman A.I.A., Zulkefle A.A.	NUR ASYIQIN BINTI MOHD ISA TS. DR. ZIKRI ABADI BIN BAHARUDIN ABDUL RAHIM BIN MOHAMED ISMAIL TS. ZAIHASRAF BIN ZAKARIA TS. AHMAD IDIL BIN ABDUL RAHMAN AHMAD AIZAN BIN ZULKEFLE	On the existence of attempted leader in tropical thunderstorm	Article	2020	International Journal of Emerging Trends in Engineering Research	23473983		SCOPUS	
129	Hussin M.S.F., Mukhtar M.F., Tumari M.Z.M., Ali N.M., Damanhuri A.A.M., Hamdan N.S., Azlan K.A., Tofrowaih K.A.	MOHAMED SAIFUL FIRDAUS BIN HUSSIN MOHD FARIDUDDIN BIN MUKHTAR TS. MOHD ZAIDI BIN MOHD TUMARI NURSABILLILAH BINTI MOHD ALI TS. AMIR ABDULLAH BIN MUHAMAD DAMANHURI NOOR SAFFREENA BT HAMDAN TS. KHAIRUL AZRI BIN AZLAN	Conceptual design and structure analysis of giromill vertical axis wind turbine under low wind speed	Article	2020	Journal of Advanced Research in Fluid Mechanics and Thermal Sciences	22897879		SCOPUS	
130	Yaakob M.Y., Husin M.A., Tan R.J., Tan T.T., Mohamed K.A., Noh M.S.A.M., Pieter H.H.I.	PROFESOR MADYA IR. TS. DR. MOHD YUHAZRI BIN YAAKOB MOHD AMIRHAFIZAN BIN HUSIN TAN RUI JIE TAN TENG TENG TS. DR. KAMARUL BIN AMIR MOHAMED IR. TS. MOHD SYHRIN AMRI BIN MOHD NOH Pieter H.H.I.	Shear tensile and flexural performance of sandwich composite with hexagonal cell wood core variation	Article	2020	International Journal of Emerging Trends in Engineering Research	23473983		SCOPUS	

131	Munawer A.F., Baharudin Z.A., Hanafiah M.A.M., Zainon M., Salim S.N.S., Ibrahim M.	ATIFA FAAIDHA BINTI MUNAUWER TS. DR. ZIKRI ABADI BIN BAHARUDIN PROFESOR MADYA MOHD ARIFF BIN MAT HANAFIAH TS. MASLAN BIN ZAINON TS. DR. SYED NAJIB BIN SYED SALIM MAZREE BIN IBRAHIM	Unravel the extent of the existence of positive ground flash in Malaysia	Article	2020	International Journal of Emerging Trends in Engineering Research	23473983		SCOPUS	
132	Sapiee, M. R.; Marhaban, M. H. M.; Miskon, M. F.; Ishak, A. J.	TS. MOHD RAZALI BIN MOHAMAD SAPIEE Marhaban, M. H. M. PROFESOR MADYA TS. DR. MUHAMMAD FAHMI BIN MISKON Ishak, A. J.	Walking simulation model of lower limb exoskeleton robot design	Article	2020	JOURNAL OF MECHANICAL ENGINEERING AND SCIENCES	2289-4659			WOS
133	Indra, Win Adiyansyah; Shariff, Muhamad Shafiq Adam bin Mohd	WIN ADIYANSYAH INDRA MUHAMAD SHAFIQ ADAM BIN MOHD SHARIFF	Message Conveyor by Motion for Paralyze People Powered Using RF Energy Harvesting	Article	2020	INTERNATIONAL JOURNAL OF INTEGRATED ENGINEERING	2229-838X			WOS
134	Jopri M.H., Ab Ghaiii M.R., Abdullah A.R., Manap M., Sutikno T., Too J.	MOHD HATTA BIN JOPRI PROFESOR DATUK DR. MOHD RUDDIN BIN AB. GHANI* PROFESOR MADYA IR. TS. DR. ABDUL RAHIM BIN ABDULLAH TS. MUSTAFA BIN MANAP Sutikno T. TOO JING WEI <i>*gamat kontrak</i>	K-nearest neighbor and naïve bayes based diagnostic analytic of harmonic source identification	Article	2020	Bulletin of Electrical Engineering and Informatics	20893191		SCOPUS	
135	Rosly H.N., Rahman K.S., Harif M.N., Doroody C., Isah M., Misran H., Amin N.	TS. HASRUL NISHAM BIN ROSLY Rahman K.S. Harif M.N. Doroody C. Isah M. Misran H. Amin N.	Annealing temperature assisted microstructural and optoelectrical properties of CdSe thin film grown by RF magnetron sputtering	Article	2020	Superlattices and Microstructures	7496036		SCOPUS	
136	Inam M., Ismail M.Y.	DR. MUHAMMAD INAM ABBASI Ismail M.Y.	Design and Analysis of Ku-Band Unit Cells for Reflectarray Antennas	Conference Paper	2020	2020 International Conference on UK-China Emerging Technologies, UCET 2020		9780000000000	SCOPUS	
137	Harun M.H., Ghani S., Azahar A.H., Aras M.M., Zabidi M.I.Z.M., Sadun A.S.	MOHAMAD HANIFF BIN HARUN TS. SHAMSUL FAKHAR BIN ABD GANI ARMAN HADI BIN AZAHAR PROFESOR MADYA DR MOHD SHAHRIEEL BIN MOHD ARAS MUHAMMAD IZZAT ZAKWAN BIN MOHD ZABIDI Sadun A.S.	An improved portable shuttlecock launcher for training purposes	Article	2020	International Journal of Advanced Trends in Computer Science and Engineering	22783091		SCOPUS	
138	Zabidi M.I.M., Zakaria S., Abidin A.F.Z., Hasim N.A., Azahar A.H., Harun M.H.	MUHAMMAD IZZAT ZAKWAN BIN MOHD ZABIDI SYAMIMI BINTI ZAKARIA AMAR FAIZ BIN ZAINAL ABIDIN NUR AIMAN HANIS BINTI HASIM ARMAN HADI BIN AZAHAR MOHAMAD HANIFF BIN HARUN	A statistical trend of the development of android islamic apps in Malaysia from 2000 to 2017	Article	2020	International Journal of Advanced Trends in Computer Science and Engineering	22783091		SCOPUS	
139	Ali N.A., Syafeeza A.R., Jaafar A.S., Fitri Alif M.K., Marzuki P.	NUR ALISA BINTI ALI DR. SYAFEEZA BINTI AHMAD RADZI DR. ABD SHUKUR BIN JA'AFAR Fitri Alif M.K. MUHAMAD MARZUKI BIN PIRAMLI	Facial expression recognition: A convolutional neural network approach	Article	2020	International Journal of Advanced Trends in Computer Science and Engineering	22783091		SCOPUS	