

# Wan Azani Wan Mustafa

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

159  
papers

302  
citations

9  
h-index

11  
g-index

192  
ext. papers

512  
ext. citations

0.5  
avg, IF

4.09  
L-index

#	Paper	IF	Citations
159	Binarization of Document Images: A Comprehensive Review. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 1019, 012023	0.3	17
158	Binarization of Document Image Using Optimum Threshold Modification. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 1019, 012022	0.3	17
157	A Review of Histogram Equalization Techniques in Image Enhancement Application. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 1019, 012026	0.3	13
156	Combination of Gray-Level and Moment Invariant for Automatic Blood Vessel Detection on Retinal Image. <i>Journal of Biomimetics, Biomaterials and Biomedical Engineering</i> , <b>2017</b> , 34, 10-19	0.6	12
155	Illumination correction of retinal images using superimpose low pass and Gaussian filtering <b>2015</b> ,		12
154	Conversion of the Retinal Image Using Gray World Technique. <i>Journal of Biomimetics, Biomaterials and Biomedical Engineering</i> , <b>2018</b> , 36, 70-77	0.6	11
153	Thermal and mechanical properties of chemical modification on sugarcane bagasse mixed with polypropylene and recycle acrylonitrile butadiene rubber composite. <i>Journal of Thermoplastic Composite Materials</i> , <b>2020</b> , 33, 1533-1554	1.9	11
152	Luminosity Correction Using Statistical Features on Retinal Images. <i>Journal of Biomimetics, Biomaterials and Biomedical Engineering</i> , <b>2018</b> , 37, 74-84	0.6	9
151	Review of Different Binarization Approaches on Degraded Document Images <b>2018</b> ,		9
150	Illumination normalization of non-uniform images based on double mean filtering <b>2014</b> ,		7
149	A review: Comparison between different type of filtering methods on the contrast variation retinal images <b>2014</b> ,		7
148	Image Correction Based on Homomorphic Filtering Approaches: A Study <b>2018</b> ,		7
147	Contrast Enhancement Based on Fusion Method: A Review. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 1019, 012025	0.3	6
146	Document Image Database (2009 - 2012): A Systematic Review. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 1019, 012024	0.3	6
145	A Novel Contrast Enhancement Technique Based on Combination of Local and Global Statistical Data on Malaria Images. <i>Journal of Biomimetics, Biomaterials and Biomedical Engineering</i> , <b>2018</b> , 38, 23-30	0.6	6
144	PneumoniaNet: Automated Detection and Classification of Pediatric Pneumonia Using Chest X-ray Images and CNN Approach. <i>Electronics (Switzerland)</i> , <b>2021</b> , 10, 2949	2.6	5
143	An Emotion Assessment of Stroke Patients by Using Bispectrum Features of EEG Signals. <i>Brain Sciences</i> , <b>2020</b> , 10,	3.4	5

142	Image Enhancement Based on Discrete Cosine Transforms (DCT) and Discrete Wavelet Transform (DWT): A Review. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2019</b> , 557, 012027	0.4	5
141	Colour Component Analysis Approach for Malaria Parasites Detection Based on Thick Blood Smear Images. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2019</b> , 557, 012007	0.4	5
140	Image Segmentation Approach for Acute and Chronic Leukaemia Based on Blood Sample Images. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2019</b> , 557, 012008	0.4	5
139	Improved Feng Binarization Based on Max-Mean Technique on Document Image <b>2018</b> ,		5
138	Comparison of Detection Method on Malaria Cell Images <b>2018</b> ,		5
137	Studies on characteristic of glycerol-kenaf pellet via fluidization drying process toward energy produced <b>2020</b> ,		4
136	A Review: Partial Discharge Detection using UHF sensor on High Voltage Equipment. <i>Journal of Physics: Conference Series</i> , <b>2020</b> , 1432, 012003	0.3	4
135	Contrast and Luminosity Correction Based On Statistical Region Information. <i>Advanced Science Letters</i> , <b>2017</b> , 23, 5383-5386	0.1	4
134	Knowledge of Human Papillomavirus (HPV) and Cervical Cancer among Malaysia Residents: A Review <b>2020</b> , 49, 1687-1695		4
133	A Narrative Review: Classification of Pap Smear Cell Image for Cervical Cancer Diagnosis. <i>Oncologie</i> , <b>2020</b> , 22, 53-63	1	4
132	Discriminant Validity Assessment of Religious Teacher Acceptance: The Use of HTMT Criterion. <i>Journal of Physics: Conference Series</i> , <b>2020</b> , 1529, 042045	0.3	4
131	Emotional States Analyze from Scaling Properties of EEG Signals Using Hurst Exponent for Stroke and Normal Groups. <i>Lecture Notes in Mechanical Engineering</i> , <b>2020</b> , 526-534	0.4	4
130	Thermoplastic Elastomer composite using Benzyl Chloride Treatment on Kenaf Core Powder Mixing with Polypropylene and Virgin Acrylonitrile Butadiene Rubber. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 429, 012013	0.4	4
129	Fabrication and Properties of Polypropylene and Kenaf Fiber Composite. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 429, 012016	0.4	4
128	Investigation on partial discharge activities in cross-linked polyethylene power cable using finite element analysis. <i>Journal of Physics: Conference Series</i> , <b>2020</b> , 1432, 012024	0.3	3
127	Diabetic Retinopathy (DR) on Retinal Image: A Pilot Study. <i>Journal of Physics: Conference Series</i> , <b>2018</b> , 1019, 012021	0.3	3
126	Mechanical properties and chemical reaction of 3-aminopropyltriethoxysilane of polypropylene, recycle acrylonitrile butadiene rubber and sugarcane bagasse composites. <i>International Journal of Microstructure and Materials Properties</i> , <b>2017</b> , 12, 55	0.4	3
125	Using Unmanned Aerial Vehicle in 3D Modelling of UniCITI Campus to Estimate Building Size. <i>Journal of Physics: Conference Series</i> , <b>2021</b> , 1962, 012057	0.3	3

124	Analysis of EMG based Arm Movement Sequence using Mean and Median Frequency <b>2018</b> ,		3
123	Upper Limb Muscle Strength Analysis For Movement Sequence Based on Maximum Voluntary Contraction Using EMG Signal <b>2018</b> ,		3
122	Tensile and morphological studies of polypropylene/empty fruit bunch composite: Effect of maleic anhydride-grafted polypropylene. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 429, 012015	0.4	3
121	Overview of Segmentation X-Ray Medical Images Using Image Processing Technique. <i>Journal of Physics: Conference Series</i> , <b>2020</b> , 1529, 042017	0.3	2
120	UAV Based Image Acquisition Data for 3D Model Application. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 917, 012074	0.4	2
119	Determination of moisture content on kenaf via fluidization systems <b>2020</b> ,		2
118	A Comparative Study of Different Blood Vessel Detection on Retinal Images. <i>International Journal of Integrated Engineering</i> , <b>2019</b> , 11,	1.5	2
117	Mechanical behaviour on concrete of coconut coir fiber as additive. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 932, 012098	0.4	2
116	Arm Games for Virtual Reality Based Post-stroke Rehabilitation. <i>Lecture Notes in Mechanical Engineering</i> , <b>2020</b> , 91-101	0.4	2
115	Contrast Enhancement Approaches on Medical Microscopic Images: A Review. <i>Lecture Notes in Electrical Engineering</i> , <b>2021</b> , 715-726	0.2	2
114	Cervical Cancer Classification Using Image Processing Approach: A Review. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 917, 012068	0.4	2
113	A Review: Pap Smear Analysis Based on Image Processing Approach. <i>Journal of Physics: Conference Series</i> , <b>2020</b> , 1529, 022080	0.3	2
112	An Overview on Overvoltage Phenomena in Power Systems. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2019</b> , 557, 012013	0.4	2
111	In Vitro Nucleic Acid Hybridization for the Identification of High-Risk Human Papillomavirus (HPV) in Cervical Clinical Specimens. <i>Journal of Biomimetics, Biomaterials and Biomedical Engineering</i> , <b>2019</b> , 42, 51-58	0.6	2
110	Muscle Fatigue Detections During Arm Movement using EMG Signal. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2019</b> , 557, 012004	0.4	2
109	Mechanical Properties of the Utilisation Glass Powder as Partial Replacement of Cement in Concrete. <i>Lecture Notes in Mechanical Engineering</i> , <b>2020</b> , 221-229	0.4	2
108	The Cascaded Enhanced k-Means and Fuzzy c-Means Clustering Algorithms for Automated Segmentation of Malaria Parasites. <i>MATEC Web of Conferences</i> , <b>2018</b> , 150, 06037	0.3	2
107	Modelling of Piezoelectric Sensor with Different Materials Approach for Partial Discharge Detection on Power Transformer: PZT-5H, ZnO and AlN. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 864, 012203	0.4	1

106	Design Woodball Line Detection and Monitoring System: A Preliminary Study. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 917, 012069	0.4	1
105	Wireless Antennas for Mobile Application. <i>Journal of Physics: Conference Series</i> , <b>2020</b> , 1529, 022079	0.3	1
104	Blood Vessel Extraction Using Combination of Kirsch Templates and Fuzzy C-Means (FCM) on Retinal Images. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2019</b> , 557, 012009	0.4	1
103	Ultra-Wideband Confocal Microwave Imaging for Brain Tumor Detection. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2019</b> , 557, 012002	0.4	1
102	Tumor Detection via Specific Absorption Rate Technique Using Ultra-Wideband Antenna. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2019</b> , 557, 012024	0.4	1
101	Automotive Mechanical Vehicle Starter. <i>Journal of Physics: Conference Series</i> , <b>2021</b> , 2107, 012021	0.3	1
100	Malaria Parasite Diagnosis Using Computational Techniques: A Comprehensive Review. <i>Journal of Physics: Conference Series</i> , <b>2021</b> , 2107, 012031	0.3	1
99	Effect of Different Filtering Techniques on Medical and Document Image. <i>Lecture Notes in Electrical Engineering</i> , <b>2021</b> , 727-736	0.2	1
98	Solar Powered Multiple Output Buck Converter. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>932</b> , 012075	0.4	1
97	Performance Analysis of Unipolar SPWM Inverter: Resistive load and Inductive load. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>932</b> , 012074	0.4	1
96	Develop Portable Blood Analyzer Based On Temperature And Quantity Level. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>932</b> , 012057	0.4	1
95	Conceptual Design for Ankle Rehabilitation Robot by Using Morphological Chart and Pugh Method. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>932</b> , 012062	0.4	1
94	The Development of A Mandarin Learning Mobile Application for Beginners. <i>Journal of Physics: Conference Series</i> , <b>2020</b> , 1529, 032080	0.3	1
93	Decision Making Process in Keystroke Dynamics. <i>Journal of Physics: Conference Series</i> , <b>2020</b> , 1529, 022080	0.3	1
92	Identification of the Exclusivity of Individual Typing Style Using Soft Biometric Elements. <i>Annals of Emerging Technologies in Computing</i> , <b>2021</b> , 5, 10-26	1.2	1
91	4-Element Array Antenna with Staging Transmission Line for Vehicle 5G Application. <i>Journal of Physics: Conference Series</i> , <b>2021</b> , 1874, 012034	0.3	1
90	Selective Harmonic Elimination of Five Level Cascaded H-Bridge Inverter Using the Newton-Raphson Technique. <i>Journal of Physics: Conference Series</i> , <b>2021</b> , 1962, 012023	0.3	1
89	Experimental study of Bipolar PV Inverter for nonlinear load. <i>Journal of Physics: Conference Series</i> , <b>2021</b> , 1962, 012032	0.3	1

88	Document Images Binarization Using Hybrid Combination of Fuzzy C-Means and Deghost Method. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2019</b> , 557, 012012	0.4	1
87	A Comprehensive Review on Document Image (DIBCO) Database. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2019</b> , 557, 012006	0.4	1
86	Gait Analysis and Mathematical Index-Based Health Management Following Anterior Cruciate Ligament Reconstruction. <i>Applied Sciences (Switzerland)</i> , <b>2019</b> , 9, 4680	2.6	1
85	Stacked Stepped-Fed Super Wideband Antenna Performance in Free Space and Liquid Medium for Biomedical Applications. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2019</b> , 557, 012026	0.4	1
84	Niblack Algorithm Modification Using Maximum-Minimum (Max-Min) Intensity Approaches on Low Contrast Document Images. <i>Lecture Notes in Mechanical Engineering</i> , <b>2020</b> , 3-11	0.4	1
83	Blood Vessel Detection Monitoring System and Mobile Notification for Diabetic Retinopathy Diagnosis. <i>Lecture Notes in Mechanical Engineering</i> , <b>2020</b> , 21-31	0.4	1
82	Development and investigation of thermoelectric cooling performance based on space scales. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 429, 012083	0.4	1
81	Development of Double Rotation Vertical Axis Generator with Double Rotation of Wind Turbine <b>2018</b> ,		1
80	Studies on water absorption of polypropylene/recycled acrylonitrile butadiene rubber/empty fruit bunch composites. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2018</b> , 429, 012091	0.4	1
79	Computational investigation of breast cancer on mammogram image information <b>2018</b> ,		1
78	A Review of Different Segmentation Approach on Non Uniform Images <b>2018</b> ,		1
77	High Gain of 2x1 Simulated Circularly Polarized Rectangular Microstrip Patch Array Antenna. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 917, 012071	0.4	0
76	Multiple Fusions Approach for Keystroke Dynamics Verification System with Soft Biometrics. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 917, 012075	0.4	0
75	Point to Point Communication: 5.8 GHz Circular Polarized Proximity-Coupled Feeding Antenna. <i>Journal of Physics: Conference Series</i> , <b>2020</b> , 1529, 042018	0.3	0
74	Hurst Exponent Based Brain Behavior Analysis of Stroke Patients Using EEG Signals. <i>Lecture Notes in Electrical Engineering</i> , <b>2021</b> , 925-933	0.2	0
73	Metamaterial Antenna for Biomedical Application. <i>Lecture Notes in Electrical Engineering</i> , <b>2021</b> , 519-528	0.2	0
72	Comparative investigations on different types of inductors in single-phase inverter. <i>Journal of Physics: Conference Series</i> , <b>2021</b> , 2107, 012051	0.3	0
71	An Aggressiveness Level Analysis Based On Buss Perry Questionnaire (BPQ) And Brain Signal (EEG). <i>Journal of Physics: Conference Series</i> , <b>2021</b> , 2107, 012045	0.3	0

70	Smart Classroom for Electricity-Saving with Integrated IoT System. <i>Journal of Physics: Conference Series</i> , <b>2021</b> , 2107, 012019	0.3	o
69	Pollutant Emission in Diesel Engine. <i>Lecture Notes in Mechanical Engineering</i> , <b>2020</b> , 288-298	0.4	o
68	Dual-Band Frequency Antenna for Drone Application. <i>Journal of Physics: Conference Series</i> , <b>2020</b> , 1529, 022083	0.3	o
67	Soft Biometrics and Its Implementation in Keystroke Dynamics. <i>Journal of Physics: Conference Series</i> , <b>2020</b> , 1529, 022086	0.3	o
66	The Development of an Interactive Animation to Prevent Social Media Fraud. <i>Journal of Physics: Conference Series</i> , <b>2020</b> , 1529, 032081	0.3	o
65	Preserving the Nation's Legacy Through Emerging Technology. <i>Journal of Physics: Conference Series</i> , <b>2020</b> , 1529, 042059	0.3	o
64	Simulation of differential relay for transformer protection. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 767, 012004	0.4	o
63	Piezoelectric Sensor using PZT Material for Partial Discharge Detection on Power Transformer. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 864, 012204	0.4	o
62	A Computational Investigation of Breast Tumour on Mammogram Based on Pattern of Grey Scale Distribution. <i>Journal of Biomimetics, Biomaterials and Biomedical Engineering</i> , <b>2019</b> , 43, 67-73	0.6	o
61	A Novel Nucleus Detection on Pap Smear Image Using Mathematical Morphology Approach. <i>Journal of Biomimetics, Biomaterials and Biomedical Engineering</i> , <b>2019</b> , 49, 53-61	0.6	o
60	Mobile Green E-Waste Management Systems using IoT for Smart Campus. <i>Journal of Physics: Conference Series</i> , <b>2021</b> , 1962, 012056	0.3	o
59	Correlation Analysis of Emotional EEG In Alpha, Beta and Gamma Frequency Bands. <i>Journal of Physics: Conference Series</i> , <b>2021</b> , 1997, 012029	0.3	o
58	Nucleus Detection on Pap Smear Images for Cervical Cancer Diagnosis: A Review Analysis. <i>Oncologie</i> , <b>2021</b> , 23, 73-88	1	o
57	Fabrication of Parallel Ankle Rehabilitation Robot. <i>Lecture Notes in Mechanical Engineering</i> , <b>2021</b> , 623-637	0.4	o
56	LiverNet: Diagnosis of Liver Tumors in Human CT Images. <i>Applied Sciences (Switzerland)</i> , <b>2022</b> , 12, 5501	2.6	o
55	Intelligent Diagnosis and Classification of Keratitis. <i>Diagnostics</i> , <b>2022</b> , 12, 1344	3.8	o
54	Early Childhood Degree Students as Digital Software Designers Based on 21st-Century Learning Skills. <i>Journal of Physics: Conference Series</i> , <b>2020</b> , 1529, 042047	0.3	o
53	Thresholding Comparison Display Using Graphical User Interface (GUI) with Mobile Notification. <i>Journal of Physics: Conference Series</i> , <b>2020</b> , 1529, 042022	0.3	o

52	Development of Folktales Digital Story Module as Basic Literacy Learning for Indigenous Children in Rural Preschool. <i>Journal of Physics: Conference Series</i> , <b>2020</b> , 1529, 042044	0.3
51	An Experimental Framework for Assessing Emotions of Stroke Patients using Electroencephalogram (EEG). <i>Journal of Physics: Conference Series</i> , <b>2020</b> , 1529, 052072	0.3
50	Exploratory of Electrical Learning Kit for STEM Application. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 917, 012070	0.4
49	Simulation Study of Metamaterial Effect towards Ultra Wide Band Antenna. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 917, 012073	0.4
48	Comparative Study between Wearable Sensor and Cuff Arm Blood Pressure Meter in Measuring Blood Pressure and Heart Rate Monitor Using Statistical Approach. <i>Journal of Physics: Conference Series</i> , <b>2020</b> , 1529, 022082	0.3
47	High Enhancement of Unidirectional UWB Array Antenna Gain Using Flat Reflector Structure for Microwave Applications. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2019</b> , 557, 012050	0.4
46	Perpendicular High Isolation MIMO Antenna. <i>Lecture Notes in Electrical Engineering</i> , <b>2022</b> , 693-700	0.2
45	Harmonic Elimination Simulation of Seven Level Cascaded H-Bridge Inverter Based on Newton Raphson Method. <i>Lecture Notes in Electrical Engineering</i> , <b>2022</b> , 1053-1066	0.2
44	Design and User Satisfaction Digital Learning Through Kelana Peribahasa. <i>Journal of Physics: Conference Series</i> , <b>2020</b> , 1529, 042043	0.3
43	Simulation Studies of the Hybrid Human-Fuzzy Controller for Path Tracking of an Autonomous Vehicle. <i>Lecture Notes in Electrical Engineering</i> , <b>2021</b> , 997-1005	0.2
42	Circular Polarized 5.8 GHz Directional Antenna Design for Base Station Application. <i>Lecture Notes in Electrical Engineering</i> , <b>2021</b> , 535-542	0.2
41	Refraction Method of Metamaterial for Antenna. <i>Lecture Notes in Electrical Engineering</i> , <b>2021</b> , 529-534	0.2
40	A Fusion Of Sensors Information On Path Tracking For Autonomous Driving Control Of An Electric Vehicle (EV). <i>Journal of Physics: Conference Series</i> , <b>2021</b> , 2107, 012029	0.3
39	Path Tracking Simulation of the Buggy Car by Using Fuzzy Information of the Steering Wheel. <i>Lecture Notes in Mechanical Engineering</i> , <b>2020</b> , 57-66	0.4
38	Characterization and Properties of Oil Palm Empty Fruit Bunch Reinforced Polyvinyl Alcohol Thin Films. <i>Lecture Notes in Mechanical Engineering</i> , <b>2020</b> , 214-220	0.4
37	Parametric design optimization of an ankle rehabilitation robot using SolidWorks. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>932</b> , 012110	0.4
36	Adaptive PD Controller Performance for Direct Cooling of Thermoelectric Refrigerator. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>932</b> , 012063	0.4
35	A review of diesel spray research. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>932</b> , 012097	0.4



34	Electronic Nose Testing for Confined Space Application Utilizes Principal Component Analysis and Support Vector Machine. <i>IOP Conference Series: Materials Science and Engineering</i> , 932, 012072	0.4
33	5.8 GHz Circular Polarized Microstrip Feeding Antenna for Solar Panel Application. <i>IOP Conference Series: Materials Science and Engineering</i> , 932, 012077	0.4
32	Simulated Triple Circular Split-Ring Resonator Metamaterial Unit Cell for THz application. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 917, 012072	0.4
31	Gait Analysis with Kanri Distance Calculator following Anterior Cruciate Ligament Reconstruction. <i>Journal of Physics: Conference Series</i> , 2020, 1529, 042015	0.3
30	Effect of Humidity on Tropospheric Received Signal Strength (RSS) in Ultra-High Frequency (UHF) Band. <i>Journal of Physics: Conference Series</i> , 2020, 1529, 042048	0.3
29	Mimo Antenna for LTE Advance Application. <i>Journal of Physics: Conference Series</i> , 2020, 1529, 042016	0.3
28	5.8 GHz Circular Polarized Microstrip Feeding Antenna for Point to Point Communication. <i>Journal of Physics: Conference Series</i> , 2020, 1529, 022078	0.3
27	A Smart Image Enhancement Monitoring System Using Graphical User Interface (GUI). <i>Journal of Physics: Conference Series</i> , 2020, 1529, 022081	0.3
26	Estimation of Nitrogen Concentration of Paddy Leaf Using Aerial Image Captured By Drone. <i>Journal of Physics: Conference Series</i> , 2020, 1529, 022084	0.3
25	Estimation of Paddy Plant Population Using Aerial Image Captured by Drone. <i>Journal of Physics: Conference Series</i> , 2020, 1529, 022085	0.3
24	Progress Monitoring in Upper Limb Stroke Rehabilitation by Using Muscle Activation and Hand Speed. <i>Journal of Physics: Conference Series</i> , 2020, 1529, 042019	0.3
23	Smart Home with Biometric System Recognition. <i>Journal of Physics: Conference Series</i> , 2020, 1529, 042020	0.3
22	Computer Algebra System (CAS) As a Mathematical Kernel for Web-based Physics Educational Symbolic Package. <i>Journal of Physics: Conference Series</i> , 2020, 1529, 042041	0.3
21	The Usage of Virtual Reality Technology Through Histopology Application to Increase Orang Asli Imagination Skill in History. <i>Journal of Physics: Conference Series</i> , 2020, 1529, 042065	0.3
20	Unidirectional Antenna for Disease Detection Purpose. <i>Journal of Physics: Conference Series</i> , 2020, 1529, 042023	0.3
19	The Study of Pertaining to Sujud Postures in Muslim Prayer Based on the Hadiths and EMG Analysis. <i>Journal of Physics: Conference Series</i> , 2020, 1529, 042021	0.3
18	A Review on Feature Extraction in Keystroke Dynamics. <i>Journal of Physics: Conference Series</i> , 2020, 1529, 022088	0.3
17	Review of Edge-based Image Segmentation on Electrical Tree Classification in Cross-linked Polyethylene (XLPE) Insulation. <i>Journal of Physics: Conference Series</i> , 2021, 1878, 012012	0.3

16	Line Detection and Monitoring System on Woodball Sport. <i>Journal of Physics: Conference Series</i> , <b>2021</b> , 1874, 012036	0.3
15	AUTOMOTIVE COLLISION AVOIDANCE SYSTEM (ACAS) APPLICATION. <i>Journal of Physics: Conference Series</i> , <b>2021</b> , 1874, 012037	0.3
14	A Simple Blood Vessel Detection on Retinal Image Using Image Processing Technique. <i>Journal of Physics: Conference Series</i> , <b>2021</b> , 1874, 012035	0.3
13	Automated Cell Nuclei Segmentation on Cervical Smear Images Using Structure Analysis. <i>Journal of Biomimetics, Biomaterials and Biomedical Engineering</i> , 51, 105-115	0.6
12	High Gain of Directional Ultra-Wideband Array Antenna Using Flat Reflector Structure for Microwave Imaging. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2019</b> , 557, 012018	0.4
11	Fabrication of Polypropylene/Acrylonitrile Butadiene Rubber/Kenaf Core Composites: Effect of Polypropylene Maleic Anhydride as Compatibilizer. <i>Lecture Notes in Mechanical Engineering</i> , <b>2020</b> , 280-287	0.4
10	Mechanical Behaviour of Banana Fibre Reinforced Concrete with Kenaf Fibre as an Additive. <i>Lecture Notes in Mechanical Engineering</i> , <b>2020</b> , 207-213	0.4
9	Notification System for Text Detection on Document Images Using Graphical User Interface (GUI). <i>Advances in Intelligent Systems and Computing</i> , <b>2021</b> , 15-24	0.4
8	Development and Design Humidity Controller for Hybrid Refrigerator System. <i>Lecture Notes in Mechanical Engineering</i> , <b>2021</b> , 609-621	0.4
7	Preliminary Analysis of Human Behaviors Based on Buss-Perry Questionnaire Score for Designing Measures of Aggression. <i>Lecture Notes in Mechanical Engineering</i> , <b>2021</b> , 1061-1068	0.4
6	Rehabilitation Progress of Arm VR Game Based on Hand Trajectory. <i>Lecture Notes in Mechanical Engineering</i> , <b>2021</b> , 599-607	0.4
5	Automatic People Counting System Using Aerial Image Captured by Drone for Event Management. <i>Lecture Notes in Mechanical Engineering</i> , <b>2021</b> , 51-65	0.4
4	Location Technique based on Multiple Partial Discharge Signal in 11kV Underground Power Cable using EMTP-ATP Software. <i>Journal of Physics: Conference Series</i> , <b>2021</b> , 1793, 012071	0.3
3	Class Attendance System Using Viola-Jones Algorithm and Principal Component Analysis. <i>Journal of Physics: Conference Series</i> , <b>2021</b> , 1962, 012053	0.3
2	Automatic Counting of Palm Oil Tree Using Satellite Aerial Imagery. <i>Lecture Notes in Mechanical Engineering</i> , <b>2021</b> , 67-76	0.4
1	Investigation of the Brain Activation Pattern of Stroke Patients and Healthy Individuals During Happiness and Sadness <b>2022</b> , 103-129	