Wan Azani Wan Mustafa

List of Publications by Year in Descending Order

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	Perpendicular High Isolation MIMO Antenna. *Lecture Notes in Electrical Engineering*, **2022**, 693-700	0.2	
158	Harmonic Elimination Simulation of Seven Level Cascaded H-Bridge Inverter Based on Newton Raphson Method. *Lecture Notes in Electrical Engineering*, **2022**, 1053-1066	0.2	
157	LiverNet: Diagnosis of Liver Tumors in Human CT Images. *Applied Sciences (Switzerland)*, **2022**, 12, 5501	2.6	0
156	Intelligent Diagnosis and Classification of Keratitis. *Diagnostics*, **2022**, 12, 1344	3.8	0
155	Investigation of the Brain Activation Pattern of Stroke Patients and Healthy Individuals During Happiness and Sadness **2022**, 103-129		
154	Hurst Exponent Based Brain Behavior Analysis of Stroke Patients Using EEG Signals. *Lecture Notes in Electrical Engineering*, **2021**, 925-933	0.2	0
153	Simulation Studies of the Hybrid Human-Fuzzy Controller for Path Tracking of an Autonomous Vehicle. *Lecture Notes in Electrical Engineering*, **2021**, 997-1005	0.2	
152	Metamaterial Antenna for Biomedical Application. *Lecture Notes in Electrical Engineering*, **2021**, 519-528	0.2	0
151	Circular Polarized 5.8 GHz Directional Antenna Design for Base Station Application. *Lecture Notes in Electrical Engineering*, **2021**, 535-542	0.2	
150	Refraction Method of Metamaterial for Antenna. *Lecture Notes in Electrical Engineering*, **2021**, 529-534	0.2	
149	PneumoniaNet: Automated Detection and Classification of Pediatric Pneumonia Using Chest X-ray Images and CNN Approach. *Electronics (Switzerland)*, **2021**, 10, 2949	2.6	5
148	Automotive Mechanical Vehicle Starter. *Journal of Physics: Conference Series*, **2021**, 2107, 012021	0.3	1
147	Comparative investigations on different types of inductors in single-phase inverter. *Journal of Physics: Conference Series*, **2021**, 2107, 012051	0.3	0
146	A Fusion Of Sensors Information On Path Tracking For Autonomous Driving Control Of An Electric Vehicle (EV). *Journal of Physics: Conference Series*, **2021**, 2107, 012029	0.3	
145	Malaria Parasite Diagnosis Using Computational Techniques: A Comprehensive Review. *Journal of Physics: Conference Series*, **2021**, 2107, 012031	0.3	1
144	An Aggressiveness Level Analysis Based On Buss Perry Questionnaire (BPQ) And Brain Signal (EEG). *Journal of Physics: Conference Series*, **2021**, 2107, 012045	0.3	0
143	Smart Classroom for Electricity-Saving with Integrated IoT System. *Journal of Physics: Conference Series*, **2021**, 2107, 012019	0.3	0

142	Effect of Different Filtering Techniques on Medical and Document Image. *Lecture Notes in Electrical Engineering*, **2021**, 727-736	0.2	1
141	Contrast Enhancement Approaches on Medical Microscopic Images: A Review. *Lecture Notes in Electrical Engineering*, **2021**, 715-726	0.2	2
140	Identification of the Exclusivity of Individual Typing Style Using Soft Biometric Elements. *Annals of Emerging Technologies in Computing*, **2021**, 5, 10-26	1.2	1
139	Review of Edge-based Image Segmentation on Electrical Tree Classification in Cross-linked Polyethylene (XLPE) Insulation. *Journal of Physics: Conference Series*, **2021**, 1878, 012012	0.3	
138	Line Detection and Monitoring System on Woodball Sport. *Journal of Physics: Conference Series*, **2021**, 1874, 012036	0.3	
137	AUTOMOTIVE COLLISION AVOIDANCE SYSTEM (ACAS) APPLICATION. *Journal of Physics: Conference Series*, **2021**, 1874, 012037	0.3	
136	A Simple Blood Vessel Detection on Retinal Image Using Image Processing Technique. *Journal of Physics: Conference Series*, **2021**, 1874, 012035	0.3	
135	4 1 Array Antenna with Staging Transmission Line for Vehicle 5G Application. *Journal of Physics: Conference Series*, **2021**, 1874, 012034	0.3	1
134	Selective Harmonic Elimination of Five Level Cascaded H-Bridge Inverter Using the Newton-Raphson Technique. *Journal of Physics: Conference Series*, **2021**, 1962, 012023	0.3	1
133	Experimental study of Bipolar PV Inverter for nonlinear load. *Journal of Physics: Conference Series*, **2021**, 1962, 012032	0.3	1
132	Using Unmanned Aerial Vehicle in 3D Modelling of UniCITI Campus to Estimate Building Size. *Journal of Physics: Conference Series*, **2021**, 1962, 012057	0.3	3
131	Notification System for Text Detection on Document Images Using Graphical User Interface (GUI). *Advances in Intelligent Systems and Computing*, **2021**, 15-24	0.4	
130	Development and Design Humidity Controller for Hybrid Refrigerator System. *Lecture Notes in Mechanical Engineering*, **2021**, 609-621	0.4	
129	Preliminary Analysis of Human Behaviors Based on Buss-Perry Questionnaire Score for Designing Measures of Aggression. *Lecture Notes in Mechanical Engineering*, **2021**, 1061-1068	0.4	
128	Rehabilitation Progress of Arm VR Game Based on Hand Trajectory. *Lecture Notes in Mechanical Engineering*, **2021**, 599-607	0.4	
127	Automatic People Counting System Using Aerial Image Captured by Drone for Event Management. *Lecture Notes in Mechanical Engineering*, **2021**, 51-65	0.4	
126	Location Technique based on Multiple Partial Discharge Signal in 11kV Underground Power Cable using EMTP-ATP Software. *Journal of Physics: Conference Series*, **2021**, 1793, 012071	0.3	
125	Mobile Green E-Waste Management Systems using IoT for Smart Campus. *Journal of Physics: Conference Series*, **2021**, 1962, 012056	0.3	0

124	Class Attendance System Using Viola-Jones Algorithm and Principal Component Analysis. *Journal of Physics: Conference Series*, **2021**, 1962, 012053	0.3
123	Correlation Analysis of Emotional EEG In Alpha, Beta and Gamma Frequency Bands. *Journal of Physics: Conference Series*, **2021**, 1997, 012029	0.3	0
122	Nucleus Detection on Pap Smear Images for Cervical Cancer Diagnosis: A Review Analysis. *Oncologie*, **2021**, 23, 73-88	1	0
121	Fabrication of Parallel Ankle Rehabilitation Robot. *Lecture Notes in Mechanical Engineering*, **2021**, 623-637	0.4	0
120	Automatic Counting of Palm Oil Tree Using Satellite Aerial Imagery. *Lecture Notes in Mechanical Engineering*, **2021**, 67-76	0.4
119	Overview of Segmentation X-Ray Medical Images Using Image Processing Technique. *Journal of Physics: Conference Series*, **2020**, 1529, 042017	0.3	2
118	Early Childhood Degree Students as Digital Software Designers Based on 21st-Century Learning Skills. *Journal of Physics: Conference Series*, **2020**, 1529, 042047	0.3
117	Thresholding Comparison Display Using Graphical User Interface (GUI) with Mobile Notification. *Journal of Physics: Conference Series*, **2020**, 1529, 042022	0.3
116	Development of Folktales Digital Story Module as Basic Literacy Learning for Indigenous Children in Rural Preschool. *Journal of Physics: Conference Series*, **2020**, 1529, 042044	0.3
115	An Experimental Framework for Assessing Emotions of Stroke Patients using Electroencephalogram (EEG). *Journal of Physics: Conference Series*, **2020**, 1529, 052072	0.3
114	Modelling of Piezoelectric Sensor with Different Materials Approach for Partial Discharge Detection on Power Transformer: PZT-5H, ZnO and AlN. *IOP Conference Series: Materials Science and Engineering*, **2020**, 864, 012203	0.4	1
113	Design Woodball Line Detection and Monitoring System: A Preliminary Study. *IOP Conference Series: Materials Science and Engineering*, **2020**, 917, 012069	0.4	1
112	Exploratory of Electrical Learning Kit for STEM Application. *IOP Conference Series: Materials Science and Engineering*, **2020**, 917, 012070	0.4
111	High Gain of 2x1 Simulated Circularly Polarized Rectangular Microstrip Patch Array Antenna. *IOP Conference Series: Materials Science and Engineering*, **2020**, 917, 012071	0.4	0
110	Simulation Study of Metamaterial Effect towards Ultra Wide Band Antenna. *IOP Conference Series: Materials Science and Engineering*, **2020**, 917, 012073	0.4
109	UAV Based Image Acquisition Data for 3D Model Application. *IOP Conference Series: Materials Science and Engineering*, **2020**, 917, 012074	0.4	2
108	Multiple Fusions Approach for Keystroke Dynamics Verification System with Soft Biometrics. *IOP Conference Series: Materials Science and Engineering*, **2020**, 917, 012075	0.4	0
107	Studies on characteristic of glycerol-kenaf pellet via fluidization drying process toward energy produced **2020**,		4

106	Point to Point Communication: 5.8 GHz Circular Polarized Proximity-Coupled Feeding Antenna. *Journal of Physics: Conference Series*, **2020**, 1529, 042018	0.3	0
105	Wireless Antennas for Mobile Application. *Journal of Physics: Conference Series*, **2020**, 1529, 022079	0.3	1
104	Comparative Study between Wearable Sensor and Cuff Arm Blood Pressure Meter in Measuring Blood Pressure and Heart Rate Monitor Using Statistical Approach. *Journal of Physics: Conference Series*, **2020**, 1529, 022082	0.3	
103	Determination of moisture content on kenaf via fluidization systems **2020**,		2
102	A Review: Partial Discharge Detection using UHF sensor on High Voltage Equipment. *Journal of Physics: Conference Series*, **2020**, 1432, 012003	0.3	4
101	Investigation on partial discharge activities in cross-linked polyethene power cable using finite element analysis. *Journal of Physics: Conference Series*, **2020**, 1432, 012024	0.3	3
100	Knowledge of Human Papillomavirus (HPV) and Cervical Cancer among Malaysia Residents: A Review **2020**, 49, 1687-1695		4
99	Design and User Satisfaction Digital Learning Through Kelana Peribahasa. *Journal of Physics: Conference Series*, **2020**, 1529, 042043	0.3	
98	A Narrative Review: Classification of Pap Smear Cell Image for Cervical Cancer Diagnosis. *Oncologie*, **2020**, 22, 53-63	1	4
97	Pollutant Emission in Diesel Engine. *Lecture Notes in Mechanical Engineering*, **2020**, 288-298	0.4	0
96	Path Tracking Simulation of the Buggy Car by Using Fuzzy Information of the Steering Wheel. *Lecture Notes in Mechanical Engineering*, **2020**, 57-66	0.4	
95	Characterization and Properties of Oil Palm Empty Fruit Bunch Reinforced Polyvinyl Alcohol Thin Films. *Lecture Notes in Mechanical Engineering*, **2020**, 214-220	0.4	
94	Arm Games for Virtual Reality Based Post-stroke Rehabilitation. *Lecture Notes in Mechanical Engineering*, **2020**, 91-101	0.4	2
93	An Emotion Assessment of Stroke Patients by Using Bispectrum Features of EEG Signals. *Brain Sciences*, **2020**, 10,	3.4	5
92	Cervical Cancer Classification Using Image Processing Approach: A Review. *IOP Conference Series: Materials Science and Engineering*, **2020**, 917, 012068	0.4	2
91	Simulated Triple Circular Split-Ring Resonator Metamaterial Unit Cell for THz application. *IOP Conference Series: Materials Science and Engineering*, **2020**, 917, 012072	0.4	
90	The Development of A Mandarin Learning Mobile Application for Beginners. *Journal of Physics: Conference Series*, **2020**, 1529, 032080	0.3	1
89	Gait Analysis with Kanri Distance Calculator following Anterior Cruciate Ligament Reconstruction. *Journal of Physics: Conference Series*, **2020**, 1529, 042015	0.3	

88	Effect of Humidity on Tropospheric Received Signal Strength (RSS) in Ultra-High Frequency (UHF) Band. *Journal of Physics: Conference Series*, **2020**, 1529, 042048	0.3	
87	Mimo Antenna for LTE Advance Application. *Journal of Physics: Conference Series*, **2020**, 1529, 042016	0.3	
86	5.8 GHz Circular Polarized Microstrip Feeding Antenna for Point to Point Communication. *Journal of Physics: Conference Series*, **2020**, 1529, 022078	0.3	
85	A Smart Image Enhancement Monitoring System Using Graphical User Interface (GUI). *Journal of Physics: Conference Series*, **2020**, 1529, 022081	0.3	
84	Dual-Band Frequency Antenna for Drone Application. *Journal of Physics: Conference Series*, **2020**, 1529, 022083	0.3	0
83	Estimation of Nitrogen Concentration of Paddy Leaf Using Aerial Image Captured By Drone. *Journal of Physics: Conference Series*, **2020**, 1529, 022084	0.3	
82	Estimation of Paddy Plant Population Using Aerial Image Captured by Drone. *Journal of Physics: Conference Series*, **2020**, 1529, 022085	0.3	
81	Soft Biometrics and Its Implementation in Keystroke Dynamics. *Journal of Physics: Conference Series*, **2020**, 1529, 022086	0.3	0
80	Decision Making Process in Keystroke Dynamics. *Journal of Physics: Conference Series*, **2020**, 1529, 022087	0.3	1
79	The Development of an Interactive Animation to Prevent Social Media Fraud. *Journal of Physics: Conference Series*, **2020**, 1529, 032081	0.3	0
78	Progress Monitoring in Upper Limb Stroke Rehabilitation by Using Muscle Activation and Hand Speed. *Journal of Physics: Conference Series*, **2020**, 1529, 042019	0.3	
77	Smart Home with Biometric System Recognition. *Journal of Physics: Conference Series*, **2020**, 1529, 042020	0.3	
76	Computer Algebra System (CAS) As a Mathematical Kernel for Web-based Physics Educational Symbolic Package. *Journal of Physics: Conference Series*, **2020**, 1529, 042041	0.3	
75	Preserving the Nation Legacy Through Emerging Technology. *Journal of Physics: Conference Series*, **2020**, 1529, 042059	0.3	0
74	The Usage of Virtual Reality Technology Through Histopology Application to Increase Orang Asli Imagination Skill in History. *Journal of Physics: Conference Series*, **2020**, 1529, 042065	0.3	
73	Simulation of differential relay for transformer protection. *IOP Conference Series: Materials Science and Engineering*, **2020**, 767, 012004	0.4	0
72	Unidirectional Antenna for Disease Detection Purpose. *Journal of Physics: Conference Series*, **2020**, 1529, 042023	0.3	
71	A Review: Pap Smear Analysis Based on Image Processing Approach. *Journal of Physics: Conference Series*, **2020**, 1529, 022080	0.3	2

No	Title		
70	The Study of Pertaining to Sujud Postures in Muslim Prayer Based on the Hadiths and EMG Analysis. *Journal of Physics: Conference Series*, **2020**, 1529, 042021	0.3	
69	A Review on Feature Extraction in Keystroke Dynamics. *Journal of Physics: Conference Series*, **2020**, 1529, 022088	0.3	
68	Piezoelectric Sensor using PZT Material for Partial Discharge Detection on Power Transformer. *IOP Conference Series: Materials Science and Engineering*, **2020**, 864, 012204	0.4	0
67	Discriminant Validity Assessment of Religious Teacher Acceptance: The Use of HTMT Criterion. *Journal of Physics: Conference Series*, **2020**, 1529, 042045	0.3	4
66	Thermal and mechanical properties of chemical modification on sugarcane bagasse mixed with polypropylene and recycle acrylonitrile butadiene rubber composite. *Journal of Thermoplastic Composite Materials*, **2020**, 33, 1533-1554	1.9	11
65	Niblack Algorithm Modification Using Maximum-Minimum (Max-Min) Intensity Approaches on Low Contrast Document Images. *Lecture Notes in Mechanical Engineering*, **2020**, 3-11	0.4	1
64	Mechanical Properties of the Utilisation Glass Powder as Partial Replacement of Cement in Concrete. *Lecture Notes in Mechanical Engineering*, **2020**, 221-229	0.4	2
63	Fabrication of Polypropylene/Acrylonitrile Butadiene Rubber/Kenaf Core Composites: Effect of Polypropylene Maleic Anhydride as Compatibilizer. *Lecture Notes in Mechanical Engineering*, **2020**, 280-287	0.4	
62	Mechanical Behaviour of Banana Fibre Reinforced Concrete with Kenaf Fibre as an Additive. *Lecture Notes in Mechanical Engineering*, **2020**, 207-213	0.4	
61	Emotional States Analyze from Scaling Properties of EEG Signals Using Hurst Exponent for Stroke and Normal Groups. *Lecture Notes in Mechanical Engineering*, **2020**, 526-534	0.4	4
60	Blood Vessel Detection Monitoring System and Mobile Notification for Diabetic Retinopathy Diagnosis. *Lecture Notes in Mechanical Engineering*, **2020**, 21-31	0.4	1
59	Blood Vessel Extraction Using Combination of Kirsch's Templates and Fuzzy C-Means (FCM) on Retinal Images. *IOP Conference Series: Materials Science and Engineering*, **2019**, 557, 012009	0.4	1
58	High Enhancement of Unidirectional UWB Array Antenna's Gain Using Flat Reflector Structure for Microwave Applications. *IOP Conference Series: Materials Science and Engineering*, **2019**, 557, 012050	0.4	
57	Ultra-Wideband Confocal Microwave Imaging for Brain Tumor Detection. *IOP Conference Series: Materials Science and Engineering*, **2019**, 557, 012002	0.4	1
56	Tumor Detection via Specific Absorption Rate Technique Using Ultra-Wideband Antenna. *IOP Conference Series: Materials Science and Engineering*, **2019**, 557, 012024	0.4	1
55	A Comparative Study of Different Blood Vessel Detection on Retinal Images. *International Journal of Integrated Engineering*, **2019**, 11,	1.5	2
54	Document Images Binarization Using Hybrid Combination of Fuzzy C-Means and Deghost Method. *IOP Conference Series: Materials Science and Engineering*, **2019**, 557, 012012	0.4	1
53	Image Enhancement Based on Discrete Cosine Transforms (DCT) and Discrete Wavelet Transform (DWT): A Review. *IOP Conference Series: Materials Science and Engineering*, **2019**, 557, 012027	0.4	5

52	Colour Component Analysis Approach for Malaria Parasites Detection Based on Thick Blood Smear Images. *IOP Conference Series: Materials Science and Engineering*, **2019**, 557, 012007	0.4	5
51	A Comprehensive Review on Document Image (DIBCO) Database. *IOP Conference Series: Materials Science and Engineering*, **2019**, 557, 012006	0.4	1
50	An Overview on Overvoltage Phenomena in Power Systems. *IOP Conference Series: Materials Science and Engineering*, **2019**, 557, 012013	0.4	2
49	Image Segmentation Approach for Acute and Chronic Leukaemia Based on Blood Sample Images. *IOP Conference Series: Materials Science and Engineering*, **2019**, 557, 012008	0.4	5
48	A Computational Investigation of Breast Tumour on Mammogram Based on Pattern of Grey Scale Distribution. *Journal of Biomimetics, Biomaterials and Biomedical Engineering*, **2019**, 43, 67-73	0.6	0
47	In Vitro Nucleic Acid Hybridization for the Identification of High-Risk Human Papillomavirus (HPV) in Cervical Clinical Specimens. *Journal of Biomimetics, Biomaterials and Biomedical Engineering*, **2019**, 42, 51-58	0.6	2
46	High Gain of Directional Ultra-Wideband Array Antenna Using Flat Reflector Structure for Microwave Imaging. *IOP Conference Series: Materials Science and Engineering*, **2019**, 557, 012018	0.4	
45	Muscle Fatigue Detections During Arm Movement using EMG Signal. *IOP Conference Series: Materials Science and Engineering*, **2019**, 557, 012004	0.4	2
44	Gait Analysis and Mathematical Index-Based Health Management Following Anterior Cruciate Ligament Reconstruction. *Applied Sciences (Switzerland)*, **2019**, 9, 4680	2.6	1
43	Stacked Stepped-Fed Super Wideband Antenna Performance in Free Space and Liquid Medium for Biomedical Applications. *IOP Conference Series: Materials Science and Engineering*, **2019**, 557, 012026	0.4	1
42	Binarization of Document Images: A Comprehensive Review. *Journal of Physics: Conference Series*, **2018**, 1019, 012023	0.3	17
41	Luminosity Correction Using Statistical Features on Retinal Images. *Journal of Biomimetics, Biomaterials and Biomedical Engineering*, **2018**, 37, 74-84	0.6	9
40	Binarization of Document Image Using Optimum Threshold Modification. *Journal of Physics: Conference Series*, **2018**, 1019, 012022	0.3	17
39	Contrast Enhancement Based on Fusion Method: A Review. *Journal of Physics: Conference Series*, **2018**, 1019, 012025	0.3	6
38	A Review of Histogram Equalization Techniques in Image Enhancement Application. *Journal of Physics: Conference Series*, **2018**, 1019, 012026	0.3	13
37	Diabetic Retinopathy (DR) on Retinal Image: A Pilot Study. *Journal of Physics: Conference Series*, **2018**, 1019, 012021	0.3	3
36	Conversion of the Retinal Image Using Gray World Technique. *Journal of Biomimetics, Biomaterials and Biomedical Engineering*, **2018**, 36, 70-77	0.6	11
35	Analysis of EMG based Arm Movement Sequence using Mean and Median Frequency **2018**,		3

No.	Title		Cites
34	Improved Feng Binarization Based on Max-Mean Technique on Document Image **2018**,		5
33	Development and investigation of thermoelectric cooling performance based on space scales. *IOP Conference Series: Materials Science and Engineering*, **2018**, 429, 012083	0.4	1
32	Development of Double Rotation Vertical Axis Generator with Double Rotation of Wind Turbine **2018**,		1
31	Image Correction Based on Homomorphic Filtering Approaches: A Study **2018**,		7
30	Review of Different Binarization Approaches on Degraded Document Images **2018**,		9
29	Studies on water absorption of polypropylene/recycled acrylonitrile butadiene rubber/empty fruit bunch composites. *IOP Conference Series: Materials Science and Engineering*, **2018**, 429, 012091	0.4	1
28	Computational investigation of breast cancer on mammogram image information **2018**,		1
27	Upper Limb Muscle Strength Analysis For Movement Sequence Based on Maximum Voluntary Contraction Using EMG Signal **2018**,		3
26	Thermoplastic Elastomer composite using Benzyl Chloride Treatment on Kenaf Core Powder Mixing with Polypropylene and Virgin Acrylonitrile Butadiene Rubber. *IOP Conference Series: Materials Science and Engineering*, **2018**, 429, 012013	0.4	4
25	Tensile and morphological studies of polypropylene/empty fruit bunch composite: Effect of maleic anhydride-grafted polypropylene. *IOP Conference Series: Materials Science and Engineering*, **2018**, 429, 012015	0.4	3
24	Fabrication and Properties of Polypropylene and Kenaf Fiber Composite. *IOP Conference Series: Materials Science and Engineering*, **2018**, 429, 012016	0.4	4
23	Comparison of Detection Method on Malaria Cell Images **2018**,		5
22	Document Image Database (2009 - 2012): A Systematic Review. *Journal of Physics: Conference Series* , **2018**, 1019, 012024	0.3	6
21	A Review of Different Segmentation Approach on Non Uniform Images **2018**,		1
20	A Novel Contrast Enhancement Technique Based on Combination of Local and Global Statistical Data on Malaria Images. *Journal of Biomimetics, Biomaterials and Biomedical Engineering*, **2018**, 38, 23-30	0.6	6
19	The Cascaded Enhanced k-Means and Fuzzy c-Means Clustering Algorithms for Automated Segmentation of Malaria Parasites. *MATEC Web of Conferences*, **2018**, 150, 06037	0.3	2
18	Combination of Gray-Level and Moment Invariant for Automatic Blood Vessel Detection on Retinal Image. *Journal of Biomimetics, Biomaterials and Biomedical Engineering*, **2017**, 34, 10-19	0.6	12
17	Mechanical properties and chemical reaction of 3-aminopropyltriethoxysilane of polypropylene, recycle acrylonitrile butadiene rubber and sugarcane bagasse composites. *International Journal of Microstructure and Materials Properties*, **2017**, 12, 55	0.4	3

16	Contrast and Luminosity Correction Based On Statistical Region Information. *Advanced Science Letters*, **2017**, 23, 5383-5386	0.1	4
15	Illumination correction of retinal images using superimpose low pass and Gaussian filtering **2015**,		12
14	Illumination normalization of non-uniform images based on double mean filtering **2014**,		7
13	A review: Comparison between different type of filtering methods on the contrast variation retinal images **2014**,		7
12	Solar Powered Multiple Output Buck Converter. *IOP Conference Series: Materials Science and Engineering*,932, 012075	0.4	1
11	Parametric design optimization of an ankle rehabilitation robot using SolidWorks. *IOP Conference Series: Materials Science and Engineering*,932, 012110	0.4	
10	Adaptive PD Controller Performance for Direct Cooling of Thermoelectric Refrigerator. *IOP Conference Series: Materials Science and Engineering*,932, 012063	0.4	
9	A review of diesel spray research. *IOP Conference Series: Materials Science and Engineering*,932, 012097	0.4	
8	Performance Analysis of Unipolar SPWM Inverter: Resistive load and Inductive load. *IOP Conference Series: Materials Science and Engineering*,932, 012074	0.4	1
7	Electronic Nose Testing for Confined Space Application Utilizes Principal Component Analysis and Support Vector Machine. *IOP Conference Series: Materials Science and Engineering*,932, 012072	0.4	
6	Develop Portable Blood Analyzer Based On Temperature And Quantity Level. *IOP Conference Series: Materials Science and Engineering*,932, 012057	0.4	1
5	Conceptual Design for Ankle Rehabilitation Robot by Using Morphological Chart and Pugh Method. *IOP Conference Series: Materials Science and Engineering*,932, 012062	0.4	1
4	5.8 GHz Circular Polarized Microstrip Feeding Antenna for Solar Panel Application. *IOP Conference Series: Materials Science and Engineering*,932, 012077	0.4	
3	Mechanical behaviour on concrete of coconut coir fiber as additive. *IOP Conference Series: Materials Science and Engineering*,932, 012098	0.4	2
2	Automated Cell Nuclei Segmentation on Cervical Smear Images Using Structure Analysis. *Journal of Biomimetics, Biomaterials and Biomedical Engineering*,51, 105-115	0.6	
1	A Novel Nucleus Detection on Pap Smear Image Using Mathematical Morphology Approach. *Journal of Biomimetics, Biomaterials and Biomedical Engineering*,49, 53-61	0.6	0