

## 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.

303 papers	5,058 citations	32 h-index	63 g-index
380 ext. papers	7,015 ext. citations	2.9 avg, IF	6.23 L-index

#	Paper	IF	Citations
303	A review of lithium-ion battery state of charge estimation and management system in electric vehicle applications: Challenges and recommendations. <i>Renewable and Sustainable Energy Reviews</i> , <b>2017</b> , 78, 834-854	16.2	767
302	State-of-the-Art and Energy Management System of Lithium-Ion Batteries in Electric Vehicle Applications: Issues and Recommendations. <i>IEEE Access</i> , <b>2018</b> , 6, 19362-19378	3.5	265
301	A review of state of health and remaining useful life estimation methods for lithium-ion battery in electric vehicles: Challenges and recommendations. <i>Journal of Cleaner Production</i> , <b>2018</b> , 205, 115-133	10.3	246
300	Review of Energy Storage System Technologies in Microgrid Applications: Issues and Challenges. <i>IEEE Access</i> , <b>2018</b> , 6, 35143-35164	3.5	209
299	Energy harvesting for the implantable biomedical devices: issues and challenges. <i>BioMedical Engineering OnLine</i> , <b>2014</b> , 13, 79	4.1	176
298	Neural Network Approach for Estimating State of Charge of Lithium-Ion Battery Using Backtracking Search Algorithm. <i>IEEE Access</i> , <b>2018</b> , 6, 10069-10079	3.5	125
297	A review on technologies and their usage in solid waste monitoring and management systems: Issues and challenges. <i>Waste Management</i> , <b>2015</b> , 43, 509-23	8.6	113
296	Daily Forecasting of Dam Water Levels: Comparing a Support Vector Machine (SVM) Model With Adaptive Neuro Fuzzy Inference System (ANFIS). <i>Water Resources Management</i> , <b>2013</b> , 27, 3803-3823	3.7	109
295	ANN Based Sediment Prediction Model Utilizing Different Input Scenarios. <i>Water Resources Management</i> , <b>2015</b> , 29, 1231-1245	3.7	101
294	Capacitated vehicle-routing problem model for scheduled solid waste collection and route optimization using PSO algorithm. <i>Waste Management</i> , <b>2018</b> , 71, 31-41	8.6	89
293	Application of artificial intelligence (AI) techniques in water quality index prediction: a case study in tropical region, Malaysia. <i>Neural Computing and Applications</i> , <b>2017</b> , 28, 893-905	4.8	88
292	Optimization techniques to enhance the performance of induction motor drives: A review. <i>Renewable and Sustainable Energy Reviews</i> , <b>2018</b> , 81, 1611-1626	16.2	68
291	. <i>IEEE Access</i> , <b>2018</b> , 6, 28150-28161	3.5	68
290	RBFNN versus FFNN for daily river flow forecasting at Johor River, Malaysia. <i>Neural Computing and Applications</i> , <b>2016</b> , 27, 1533-1542	4.8	62
289	Extreme Learning Machine Model for State-of-Charge Estimation of Lithium-Ion Battery Using Gravitational Search Algorithm. <i>IEEE Transactions on Industry Applications</i> , <b>2019</b> , 55, 4225-4234	4.3	59
288	Theoretical model and implementation of a real time intelligent bin status monitoring system using rule based decision algorithms. <i>Expert Systems With Applications</i> , <b>2016</b> , 48, 76-88	7.8	56
287	Toward Enhanced State of Charge Estimation of Lithium-ion Batteries Using Optimized Machine Learning Techniques. <i>Scientific Reports</i> , <b>2020</b> , 10, 4687	4.9	54

286	Genetically optimised disassembly sequence for automotive component reuse. <i>Expert Systems With Applications</i> , <b>2012</b> , 39, 5409-5417	7.8	54
285	Modulation techniques for biomedical implanted devices and their challenges. <i>Sensors</i> , <b>2012</b> , 12, 297-319	3.8	53
284	Fuzzy Logic Inverter Controller in Photovoltaic Applications: Issues and Recommendations. <i>IEEE Access</i> , <b>2019</b> , 7, 24934-24955	3.5	46
283	Weed image classification using Gabor wavelet and gradient field distribution. <i>Computers and Electronics in Agriculture</i> , <b>2009</b> , 66, 53-61	6.5	46
282	A new approach to locate the voltage sag source using real current component. <i>Electric Power Systems Research</i> , <b>2004</b> , 72, 113-123	3.5	46
281	A Survey on LiDAR Scanning Mechanisms. <i>Electronics (Switzerland)</i> , <b>2020</b> , 9, 741	2.6	44
280	Intelligent algorithms and control strategies for battery management system in electric vehicles: Progress, challenges and future outlook. <i>Journal of Cleaner Production</i> , <b>2021</b> , 292, 126044	10.3	44
279	Dynamic versus static neural network model for rainfall forecasting at Klang River Basin, Malaysia. <i>Hydrology and Earth System Sciences</i> , <b>2012</b> , 16, 1151-1169	5.5	43
278	Solid waste bin detection and classification using Dynamic Time Warping and MLP classifier. <i>Waste Management</i> , <b>2014</b> , 34, 281-90	8.6	40
277	A critical review on waste paper sorting techniques. <i>International Journal of Environmental Science and Technology</i> , <b>2014</b> , 11, 551-564	3.3	40
276	Data-driven state of charge estimation of lithium-ion batteries: Algorithms, implementation factors, limitations and future trends. <i>Journal of Cleaner Production</i> , <b>2020</b> , 277, 124110	10.3	39
275	Vision-Based Traffic Sign Detection and Recognition Systems: Current Trends and Challenges. <i>Sensors</i> , <b>2019</b> , 19,	3.8	38
274	Analysis and optimization of spiral circular inductive coupling link for bio-implanted applications on air and within human tissue. <i>Sensors</i> , <b>2014</b> , 14, 11522-41	3.8	37
273	Optimal BP neural network algorithm for state of charge estimation of lithium-ion battery using PSO with PCA feature selection. <i>Journal of Renewable and Sustainable Energy</i> , <b>2017</b> , 9, 064102	2.5	32
272	Automatic classification of diabetic macular edema in digital fundus images <b>2011</b> ,		32
271	Implementation of inverse perspective mapping algorithm for the development of an automatic lane tracking system		32
270	Feature Extraction Technique using Discrete Wavelet Transform for Image Classification <b>2007</b> ,		31
269	Development of a Prototype Automated Sorting System for Plastic Recycling. <i>American Journal of Applied Sciences</i> , <b>2006</b> , 3, 1924-1928	0.8	31

268	Waste collection route optimisation model for linking cost saving and emission reduction to achieve sustainable development goals. <i>Sustainable Cities and Society</i> , <b>2020</b> , 62, 102393	10.1	31
267	Review of person re-identification techniques. <i>IET Computer Vision</i> , <b>2014</b> , 8, 455-474	1.4	29
266	Advanced Control Strategies of VSC Based HVDC Transmission System: Issues and Potential Recommendations. <i>IEEE Access</i> , <b>2018</b> , 6, 78352-78369	3.5	29
265	An automated glaucoma screening system using cup-to-disc ratio via Simple Linear Iterative Clustering superpixel approach. <i>Biomedical Signal Processing and Control</i> , <b>2019</b> , 53, 101454	4.9	28
264	Fast transient stability assessment of large power system using probabilistic neural network with feature reduction techniques. <i>Expert Systems With Applications</i> , <b>2011</b> , 38, 11112-11119	7.8	28
263	. <i>IEEE Transactions on Power Systems</i> , <b>2008</b> , 23, 1689-1700	7	28
262	Integrated Sensing Systems and Algorithms for Solid Waste Bin State Management Automation. <i>IEEE Sensors Journal</i> , <b>2015</b> , 15, 561-567	4	25
261	Diabetic retinopathy assessment: Towards an automated system. <i>Biomedical Signal Processing and Control</i> , <b>2016</b> , 24, 72-82	4.9	25
260	An Automatic Traffic Sign Detection and Recognition System Based on Colour Segmentation, Shape Matching, and SVM. <i>Mathematical Problems in Engineering</i> , <b>2015</b> , 2015, 1-11	1.1	24
259	Fast evaluation of available transfer capability using cubic-spline interpolation technique. <i>Electric Power Systems Research</i> , <b>2005</b> , 73, 335-342	3.5	24
258	Solid waste collection optimization objectives, constraints, modeling approaches, and their challenges toward achieving sustainable development goals. <i>Journal of Cleaner Production</i> , <b>2020</b> , 277, 123557	10.3	24
257	Switching Techniques and Intelligent Controllers for Induction Motor Drive: Issues and Recommendations. <i>IEEE Access</i> , <b>2018</b> , 6, 47489-47510	3.5	23
256	Binary Particle Swarm Optimization for Scheduling MG Integrated Virtual Power Plant Toward Energy Saving. <i>IEEE Access</i> , <b>2019</b> , 7, 107937-107951	3.5	22
255	Vulnerability control of large scale interconnected power system using neuro-fuzzy load shedding approach. <i>Expert Systems With Applications</i> , <b>2010</b> , 37, 3171-3176	7.8	21
254	State of Charge Estimation in Lithium-Ion Batteries: A Neural Network Optimization Approach. <i>Electronics (Switzerland)</i> , <b>2020</b> , 9, 1546	2.6	21
253	An analysis of x-ray image enhancement methods for vertebral bone segmentation <b>2014</b> ,		20
252	Nonlinear Speech Enhancement: An Overview <b>2007</b> , 217-248		20
251	An intelligent load shedding scheme using neural networks and neuro-fuzzy. <i>International Journal of Neural Systems</i> , <b>2009</b> , 19, 473-9	6.2	19

250	Artificial intelligence and geo-statistical models for stream-flow forecasting in ungauged stations: state of the art. <i>Natural Hazards</i> , <b>2017</b> , 86, 1377-1392	3	18
249	Available transfer capability assessment using evolutionary programming based capacity benefit margin. <i>International Journal of Electrical Power and Energy Systems</i> , <b>2006</b> , 28, 166-176	5.1	18
248	Automated pterygium detection method of anterior segment photographed images. <i>Computer Methods and Programs in Biomedicine</i> , <b>2018</b> , 154, 71-78	6.9	17
247	Intelligent computer vision system for segregating recyclable waste papers. <i>Expert Systems With Applications</i> , <b>2011</b> , 38, 10398-10407	7.8	17
246	Robust identification of polyethylene terephthalate (PET) plastics through Bayesian decision. <i>PLoS ONE</i> , <b>2014</b> , 9, e114518	3.7	17
245	A Review of Monitoring Technologies for Solar PV Systems Using Data Processing Modules and Transmission Protocols: Progress, Challenges and Prospects. <i>Sustainability</i> , <b>2021</b> , 13, 8120	3.6	17
244	Performance Evaluation of Voltage Stability Indices for Dynamic Voltage Collapse Prediction. <i>Journal of Applied Sciences</i> , <b>2006</b> , 6, 1104-1113	0.3	16
243	Wireless Sensor Network Prototype for Solid Waste Bin Monitoring with Energy Efficient Sensing Algorithm <b>2013</b> ,		15
242	A Review of Research on Creative Teachers in Higher Education. <i>International Education Studies</i> , <b>2013</b> , 6,	1.3	15
241	Power quality diagnosis using time frequency analysis and rule based techniques. <i>Expert Systems With Applications</i> , <b>2011</b> , 38, 12592-12598	7.8	15
240	Histogram of Intensity Feature Extraction for Automatic Plastic Bottle Recycling System Using Machine Vision. <i>American Journal of Environmental Sciences</i> , <b>2008</b> , 4, 583-588	0.5	15
239	Sudden event recognition: a survey. <i>Sensors</i> , <b>2013</b> , 13, 9966-98	3.8	14
238	Nurturing Creativity and Innovative Thinking through Experiential Learning. <i>Procedia, Social and Behavioral Sciences</i> , <b>2011</b> , 18, 247-254		14
237	Application of automated image analysis to the identification and extraction of recyclable plastic bottles. <i>Journal of Zhejiang University: Science A</i> , <b>2009</b> , 10, 794-799	2.1	14
236	Dynamic voltage collapse prediction in power systems using support vector regression. <i>Expert Systems With Applications</i> , <b>2010</b> , 37, 3730-3736	7.8	14
235	A Quantum Lightning Search Algorithm-Based Fuzzy Speed Controller for Induction Motor Drive. <i>IEEE Access</i> , <b>2018</b> , 6, 1214-1223	3.5	14
234	How to Construct Open Ended Questions. <i>Procedia, Social and Behavioral Sciences</i> , <b>2012</b> , 60, 456-462		13
233	Power quality analysis of STATCOM using dynamic phasor modeling. <i>Electric Power Systems Research</i> , <b>2009</b> , 79, 993-999	3.5	13

232	Isolated Malay Digit Recognition Using Pattern Recognition Fusion of Dynamic Time Warping and Hidden Markov Models. <i>American Journal of Applied Sciences</i> , <b>2008</b> , 5, 714-720	0.8	13
231	Review of Electric Vehicle Converter Configurations, Control Schemes and Optimizations: Challenges and Suggestions. <i>Electronics (Switzerland)</i> , <b>2021</b> , 10, 477	2.6	13
230	Real time solid waste bin monitoring system framework using wireless sensor network <b>2014</b> ,		12
229	Planning for sustainable development in the emerging information societies. <i>Journal of Science and Technology Policy Management</i> , <b>2014</b> , 5, 178-211	2.4	12
228	Accuracy Enhancement of Inertial Sensors Utilizing High Resolution Spectral Analysis. <i>Sensors</i> , <b>2012</b> , 12, 11638-11660	3.8	12
227	Transient Stability Assessment of a Power System Using PNN and LS-SVM Methods. <i>Journal of Applied Sciences</i> , <b>2007</b> , 7, 3208-3216	0.3	12
226	Methods to enhance digital fundus image for diabetic retinopathy detection <b>2014</b> ,		11
225	Feature Selection and Extraction Methods for Power Systems Transient Stability Assessment Employing Computational Intelligence Techniques. <i>Neural Processing Letters</i> , <b>2012</b> , 35, 81-102	2.4	11
224	Automatic frequency controller for power amplifiers used in bio-implanted applications: issues and challenges. <i>Sensors</i> , <b>2014</b> , 14, 23843-70	3.8	11
223	Fast orthogonal search (FOS) versus fast Fourier transform (FFT) as spectral model estimations techniques applied for structural health monitoring (SHM). <i>Structural and Multidisciplinary Optimization</i> , <b>2012</b> , 45, 503-513	3.6	11
222	System interface for an integrated intelligent safety system (ISS) for vehicle applications. <i>Sensors</i> , <b>2010</b> , 10, 1141-53	3.8	11
221	Shape Characteristics Analysis for Papaya Size Classification <b>2007</b> ,		11
220	Harmonic source location at the point of common coupling based on voltage magnitude		11
219	A Face Detection and Recognition System for Intelligent Vehicles. <i>Information Technology Journal</i> , <b>2006</b> , 5, 507-515	0.7	11
218	A Robust Vision-based Lane Boundaries Detection Approach for Intelligent Vehicles. <i>Information Technology Journal</i> , <b>2012</b> , 11, 1184-1192	0.7	11
217	Role of optimization algorithms based fuzzy controller in achieving induction motor performance enhancement. <i>Nature Communications</i> , <b>2020</b> , 11, 3792	17.4	11
216	Artificial Intelligence Based Hybrid Forecasting Approaches for Wind Power Generation: Progress, Challenges and Prospects. <i>IEEE Access</i> , <b>2021</b> , 9, 102460-102489	3.5	11
215	Sensing Systems and Algorithms for Airbag Deployment Decision. <i>IEEE Sensors Journal</i> , <b>2011</b> , 11, 888-890		10

214	UKM campus bus identification and monitoring using RFID and GIS <b>2009</b> ,		10
213	Wave digital filters with minimum multiplier for discrete Hilbert transformer realization. <i>Signal Processing</i> , <b>2006</b> , 86, 3761-3768	4.4	10
212	Development of vehicle driver drowsiness detection system using electrooculogram (EOG) <b>2005</b> ,		10
211	A Systematic Approach in Estimating the Generator Parameters. <i>Electric Power Components and Systems</i> , <b>2002</b> , 30, 301-313	1	10
210	Inter-Vehicle Wireless Communications Technologies, Issues and Challenges. <i>Information Technology Journal</i> , <b>2013</b> , 12, 558-568	0.7	10
209	Design and development of a content-based medical image retrieval system for spine vertebrae irregularity. <i>BioMedical Engineering OnLine</i> , <b>2015</b> , 14, 6	4.1	9
208	Improved recurrent NARX neural network model for state of charge estimation of lithium-ion battery using pso algorithm <b>2018</b> ,		9
207	Real-time background subtraction for video surveillance: From research to reality <b>2010</b> ,		9
206	Artificial Intelligence application to Malaysian electrical powersystem. <i>Expert Systems With Applications</i> , <b>2010</b> , 37, 5023-5031	7.8	9
205	Weed detection system using support vector machine <b>2008</b> ,		9
204	Development of an embedded vehicle safety system for frontal crash detection. <i>International Journal of Crashworthiness</i> , <b>2008</b> , 13, 579-587	1	9
203	Automated Pterygium Detection Using Deep Neural Network. <i>IEEE Access</i> , <b>2020</b> , 8, 191659-191672	3.5	9
202	Compact Convolutional Neural Networks for Pterygium Classification using Transfer Learning <b>2019</b> ,		9
201	Void fraction of supersonic steam jet in subcooled water. <i>Flow Measurement and Instrumentation</i> , <b>2016</b> , 47, 35-44	2.2	8
200	On analyzing various density functions of local binary patterns for optic disc segmentation <b>2015</b> ,		8
199	Determination of available transfer capability by means of Ralston's method incorporating cubic-spline interpolation technique. <i>European Transactions on Electrical Power</i> , <b>2011</b> , 21, 439-464		8
198	Inter-frame Enhancement of Ultrasound Images Using Optical Flow. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 191-201	0.9	8
197	ANFIS-Based Model for Real-time INS/GPS Data Fusion for Vehicular Navigation System <b>2009</b> ,		8



196	Fourier Descriptor for Pedestrian Shape Recognition using Support Vector Machine <b>2007</b> ,		8
195	A Speed limit Sign Recognition System Using Artificial Neural Network <b>2006</b> ,		8
194	Feature Selection for Classification Using Decision Tree <b>2006</b> ,		8
193	Lower Face Verification Centered on Lips using Correlation Filters. <i>Information Technology Journal</i> , <b>2007</b> , 6, 1146-1151	0.7	8
192	DESIGN OF SPIRAL CIRCULAR COILS IN WET AND DRY TISSUE FOR BIO-IMPLANTED MICRO-SYSTEM APPLICATIONS. <i>Progress in Electromagnetics Research M</i> , <b>2013</b> , 32, 181-200	0.6	7
191	Machine Vision System for Automatic Weeding Strategy in Oil Palm Plantation using Image Filtering Technique <b>2008</b> ,		7
190	Reduced set support vector machines: Application for 2-dimensional datasets <b>2008</b> ,		7
189	Wavelet-based feature extraction technique for fruit shape classification <b>2008</b> ,		7
188	A Neural Network Based ATC Assessment Incorporating Novel Feature Selection and Extraction Methods. <i>Electric Power Components and Systems</i> , <b>2004</b> , 32, 1121-1136	1	7
187	A Simulation Model of Solid-state Transfer Switch for Protection in Distribution Systems. <i>Journal of Applied Sciences</i> , <b>2006</b> , 6, 1993-1999	0.3	7
186	Shock Graph for Representation and Modeling of Posture. <i>ETRI Journal</i> , <b>2007</b> , 29, 507-515	1.4	7
185	Improving Speaker Verification in Noisy Environments using Adaptive Filtering and Hybrid Classification Technique. <i>Information Technology Journal</i> , <b>2009</b> , 9, 107-115	0.7	7
184	Anterior osteoporosis classification in cervical vertebrae using fuzzy decision tree. <i>Multimedia Tools and Applications</i> , <b>2018</b> , 77, 4011-4045	2.5	6
183	Iris segmentation method of pterygium anterior segment photographed image <b>2015</b> ,		6
182	Human gait state classification using artificial neural network <b>2014</b> ,		6
181	Enhancement of Background Subtraction Techniques Using a Second Derivative in Gradient Direction Filter. <i>Journal of Electrical and Computer Engineering</i> , <b>2013</b> , 2013, 1-12	1.9	6
180	Determination of transmission reliability margin considering uncertainties of system operating condition and transmission line outage. <i>European Transactions on Electrical Power</i> , <b>2011</b> , 21, 380-397		6
179	UKM campus bus monitoring system using RFID and GIS <b>2010</b> ,		6



178	2010,		6
177	Design and development of intelligent anomalous behaviour and event detection system 2010,		6
176	Motion detection using Lucas Kanade algorithm and application enhancement 2009,		6
175	Implementation of Image Processing Technique in Real Time Vision System for Automatic Weeding Strategy 2007,		6
174	Dynamic Voltage Collapse Prediction In Power Systems Using Power Transfer Stability Index 2006,		6
173	Multi-Channel Profile Based Artificial Neural Network Approach for Remaining Useful Life Prediction of Electric Vehicle Lithium-Ion Batteries. <i>Energies</i> , 2021, 14, 7521	3.1	6
172	Optimized Energy Management Schemes for Electric Vehicle Applications: A Bibliometric Analysis towards Future Trends. <i>Sustainability</i> , 2021, 13, 12800	3.6	6
171	Eigenposture for Classification. <i>Journal of Applied Sciences</i> , 2006, 6, 419-424	0.3	6
170	Inductive coupling links for lowest misalignment effects in transcutaneous implanted devices. <i>Biomedizinische Technik</i> , 2014, 59, 257-68	1.3	5
169	Appearance-based methods in re-identification: A brief review 2012,		5
168	Sudden fall classification using motion features 2012,		5
167	Program Outcomes Measurement and Assessment Processes. <i>Procedia, Social and Behavioral Sciences</i> , 2011, 18, 49-55		5
166	A New Algorithm for the Available Transfer Capability Determination. <i>Mathematical Problems in Engineering</i> , 2010, 2010, 1-30	1.1	5
165	Motion detection using Horn Schunck algorithm and implementation 2009,		5
164	Real time road sign recognition system using artificial neural networks for bengali textual information box 2008,		5
163	Comparing least squares support vector machine and probabilistic neural network in transient stability assessment of a large-scale power system 2008,		5
162	Decision Fusion for Isolated Malay Digit Recognition Using Dynamic Time Warping (DTW) and Hidden Markov Model (HMM) 2007,		5
161	Dynamic Voltage Collapse Prediction on a Practical Power System Using Power Transfer Stability Index 2007,		5

160	Speaker Verification using Vector Quantization and Hidden Markov Model <b>2007</b> ,		5
159	Dynamic Modeling of a Single Shaft Gas Turbine. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>1992</b> , 25, 43-48		5
158	A Novel Prototype and Simulation Model for Real Time Solid Waste Bin Monitoring System. <i>Jurnal Kejuruteraan</i> , <b>2014</b> , 26, 15-19	0	5
157	A Genetic Algorithm for the Segmentation of Known Touching Objects. <i>Journal of Computer Science</i> , <b>2009</b> , 5, 711-716	0.5	5
156	TPMS Data Analysis for Enhancing Intelligent Vehicle Performance. <i>Journal of Applied Sciences</i> , <b>2008</b> , 8, 1926-1931	0.3	5
155	A UMACE Filter Approach to Lipreading in Biometric Authentication System. <i>Journal of Applied Sciences</i> , <b>2008</b> , 8, 280-287	0.3	5
154	Semi-automated vertebral segmentation of human spine in MRI images <b>2016</b> ,		5
153	Image retrieval system for medical applications <b>2015</b> ,		4
152	A review on the diabetic retinopathy assessment based on retinal vascular tortuosity <b>2015</b> ,		4
151	An adaptive nonlinear enhancement method using sigmoid function for iris segmentation in pterygium cases <b>2015</b> ,		4
150	Real time bin status monitoring for solid waste collection route optimization <b>2014</b> ,		4
149	Assessment of Creativity in Electrical Engineering. <i>Procedia, Social and Behavioral Sciences</i> , <b>2012</b> , 60, 463-467		4
148	The Level of Critical and Analytical Thinking Skills among Electrical and Electronics Engineering Students, UKM. <i>Asian Social Science</i> , <b>2012</b> , 8,	0.8	4
147	Moving object detection using keypoints reference model. <i>Eurasip Journal on Image and Video Processing</i> , <b>2011</b> , 2011,	2.5	4
146	Plastic bottle shape classification using partial erosion-based approach <b>2010</b> ,		4
145	On the Use of Decision Tree for Posture Recognition <b>2010</b> ,		4
144	Event description from video stream for anomalous human activity and behaviour detection <b>2011</b> ,		4
143	Driver fatigue detection using steering grip force		4

142	An Adaptive Undervoltage Load Shedding Against Voltage Collapse Based Power Transfer Stability Index. <i>Journal of Electrical Engineering and Technology</i> , <b>2007</b> , 2, 420-427	1.4	4
141	Human Silhouette Extraction Using Background Modeling and Subtraction Techniques. <i>Information Technology Journal</i> , <b>2007</b> , 7, 155-159	0.7	4
140	Data-driven hybrid approaches for renewable power prediction toward grid decarbonization: Applications, issues and suggestions. <i>Journal of Cleaner Production</i> , <b>2021</b> , 129476	10.3	4
139	Recyclable Waste Paper Sorting Using Template Matching. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 467-478	4.9	4
138	Keratoconus Detection Using the Fusion Features of Anterior and Lateral Segment Photographed Images. <i>IEEE Access</i> , <b>2020</b> , 8, 142282-142294	3.5	4
137	A review of controllers and optimizations based scheduling operation for battery energy storage system towards decarbonization in microgrid: Challenges and future directions. <i>Journal of Cleaner Production</i> , <b>2022</b> , 132188	10.3	4
136	Vessel extraction in retinal images using automatic thresholding and Gabor Wavelet. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2017</b> , 2017, 365-368	0.9	3
135	DEVELOPMENT OF BIO-IMPLANTED MICRO-SYSTEM WITH SELF-RECOVERY ASK DEMODULATOR FOR TRANSCUTANEOUS APPLICATIONS. <i>Journal of Mechanics in Medicine and Biology</i> , <b>2014</b> , 14, 1450062	2.7	3
134	RFID and communication technologies for an intelligent bus monitoring and management system. <i>Turkish Journal of Electrical Engineering and Computer Sciences</i> , <b>2014</b> , 22, 106-120	0.9	3
133	Toward under-specified queries enhancement using retrieval and classification platforms <b>2014</b> ,		3
132	Hand detection from silhouette for video surveillance application <b>2012</b> ,		3
131	Object identification using DNA computing algorithm <b>2012</b> ,		3
130	Probabilistic white strip approach to plastic bottle sorting system <b>2013</b> ,		3
129	Implementing GIS in Bus Identification and Monitoring System <b>2011</b> ,		3
128	Software defined radio for RFID signal in Rayleigh fading channel <b>2010</b> ,		3
127	Distal radius bone age estimation based on fuzzy model <b>2010</b> ,		3
126	Optimal feature selection for SVM based weed classification via visual analysis <b>2010</b> ,		3
125	Capacity Benefit Margin (CBM) assessment incorporating tie-line reliability <b>2010</b> ,		3

124	Development of a voice activity controlled noise canceller. <i>Sensors</i> , <b>2012</b> , 12, 6727-45	3.8	3
123	EFFICIENT DATA AND POWER TRANSFER FOR BIO-IMPLANTED DEVICES BASED ON ASK MODULATION TECHNIQUES. <i>Journal of Mechanics in Medicine and Biology</i> , <b>2012</b> , 12, 1240030	0.7	3
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