

# Wan Khairunizam Wan Ahmad

## List of Publications by Year in descending order

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Version: 2024-02-01

180  
papers

1,255  
citations

858243

12  
h-index

685536

24  
g-index

185  
all docs

185  
docs citations

185  
times ranked

1122  
citing authors

#	ARTICLE	IF	CITATIONS
1	Endometrial Cell Images Segmentation: A Comparative Study. Proceedings of International Conference on Artificial Life and Robotics, 2022, 27, 990-995.	0.1	1
2	Temperature Control Using Fuzzy Controller for Variable Speed Vapor Compression Refrigerator System. Proceedings of International Conference on Artificial Life and Robotics, 2022, 27, 996-1002.	0.1	0
3	Engine performance enhancement by improving heat transfer in between exhaust valve and valve seat through CFD (transient thermal) simulation. AIP Conference Proceedings, 2021, , .	0.3	0
4	Notification System for Text Detection on Document Images Using Graphical User Interface (GUI). Advances in Intelligent Systems and Computing, 2021, , 15-24.	0.5	0
5	Rehabilitation Progress of Arm VR Game Based on Hand Trajectory. Lecture Notes in Mechanical Engineering, 2021, , 599-607.	0.3	0
6	A review of the application and effectiveness of heat storage system using phase change materials in the built environment. AIP Conference Proceedings, 2021, , .	0.3	13
7	Automatic People Counting System Using Aerial Image Captured by Drone for Event Management. Lecture Notes in Mechanical Engineering, 2021, , 51-65.	0.3	2
8	Gray Level Co-Occurrence Matrix (GLCM) and Gabor Features Based No-Reference Image Quality Assessment for Wood Images. Proceedings of International Conference on Artificial Life and Robotics, 2021, 26, 736-741.	0.1	0
9	Recurrent Quantification Analysis-Based Emotion Classification in Stroke Using Electroencephalogram Signals. Arabian Journal for Science and Engineering, 2021, 46, 9573-9588.	1.7	7
10	Simulation Studies of the Hybrid Human-Fuzzy Controller for Path Tracking of an Autonomous Vehicle. Lecture Notes in Electrical Engineering, 2021, , 997-1005.	0.3	0
11	An Aggressiveness Level Analysis Based On Buss Perry Questionnaire (BPQ) And Brain Signal (EEG). Journal of Physics: Conference Series, 2021, 2107, 012045.	0.3	1
12	Design of Experiment (DOE) for the Investigation of Human Emotions while Driving in a Virtual Environment through Brain Signal (EEG). , 2021, , .		1
13	Heat transfer improvement in simulated small battery compartment using metal oxide (CuO)/deionized water nanofluid. Heat and Mass Transfer, 2020, 56, 399-406.	1.2	11
14	An Emotion Assessment of Stroke Patients by Using Bispectrum Features of EEG Signals. Brain Sciences, 2020, 10, 672.	1.1	12
15	Progress Monitoring in Upper Limb Stroke Rehabilitation by Using Muscle Activation and Hand Speed. Journal of Physics: Conference Series, 2020, 1529, 042019.	0.3	0
16	No-reference quality assessment for image-based assessment of economically important tropical woods. PLoS ONE, 2020, 15, e0233320.	1.1	2
17	Comparative study of surface temperature of lithium-ion polymer cells at different discharging rates by infrared thermography and thermocouple. International Journal of Heat and Mass Transfer, 2020, 153, 119595.	2.5	23
18	Modeling on impact of metal object obstruction in urban environment for internet of things application in vehicular communication. AIP Conference Proceedings, 2020, , .	0.3	7

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19	Emotion Classification in Parkinson's Disease EEG using RQA and ELM. , 2020, , .		7
20	Effects of Variable Arm Length on UAV Control Systems. Journal of Robotics, Networking and Artificial Life, 2020, 7, 91.	0.2	6
21	Path Tracking Simulation of the Buggy Car by Using Fuzzy Information of the Steering Wheel. Lecture Notes in Mechanical Engineering, 2020, , 57-66.	0.3	0
22	Effects of Variable Arm Length on UAV Control Systems. Proceedings of International Conference on Artificial Life and Robotics, 2020, 25, 317-322.	0.1	0
23	No-reference quality assessment for image-based assessment of economically important tropical woods. , 2020, 15, e0233320.		0
24	No-reference quality assessment for image-based assessment of economically important tropical woods. , 2020, 15, e0233320.		0
25	No-reference quality assessment for image-based assessment of economically important tropical woods. , 2020, 15, e0233320.		0
26	No-reference quality assessment for image-based assessment of economically important tropical woods. , 2020, 15, e0233320.		0
27	No-reference quality assessment for image-based assessment of economically important tropical woods. , 2020, 15, e0233320.		0
28	No-reference quality assessment for image-based assessment of economically important tropical woods. , 2020, 15, e0233320.		0
29	Development of predictive models for cervical cancer based on gene expression profiling data. IOP Conference Series: Materials Science and Engineering, 2019, 557, 012003.	0.3	5
30	Effect of pineapple leaf (PALF), napier, and hemp fibres as filler on the scratch resistance of epoxy composites. Journal of Materials Research and Technology, 2019, 8, 5384-5395.	2.6	46
31	The physical properties observation of oil palm empty fruit bunch (OPEFB) chemical treated fibres. IOP Conference Series: Materials Science and Engineering, 2019, 670, 012055.	0.3	0
32	Analysis of macro channel heat exchanger for fever relief cool cap using thermoelectric. IOP Conference Series: Materials Science and Engineering, 2019, 670, 012040.	0.3	0
33	Simulation of a diesel generator - battery energy system for domestic applications at Pulau Tuba, Langkawi, Malaysia. IOP Conference Series: Materials Science and Engineering, 2019, 670, 012076.	0.3	3
34	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.	0.5	1
35	Muscle Fatigue Detections During Arm Movement using EMG Signal. IOP Conference Series: Materials Science and Engineering, 2019, 557, 012004.	0.3	6
36	Experimental study on gasâ€œliquid flow distributions in upward multi-pass channelsâ€œComparison of R-134a flow and airâ€œwater flow. Experimental Thermal and Fluid Science, 2018, 91, 134-143.	1.5	4

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37	Polyamide Nanofibers Reinforced Titanium Nanoparticles Composites for hydrophobic surfaces. IOP Conference Series: Materials Science and Engineering, 2018, 429, 012003.	0.3	1
38	Numerical investigation of the aerodynamic characteristics for the integrated vertical movable vanes with the airfoil straight blade vertical axis wind turbine. IOP Conference Series: Materials Science and Engineering, 2018, 429, 012078.	0.3	1
39	The Effects of Nanofluid (Al <sub>2</sub> O <sub>3</sub> /De-ionized Water) with Different Concentrations in Improving the Transportation of heat in Small Space. IOP Conference Series: Materials Science and Engineering, 2018, 429, 012074.	0.3	0
40	Terengganu routes representation for development of Malaysia Driving Cycle: Route selection methodology. IOP Conference Series: Materials Science and Engineering, 2018, 429, 012050.	0.3	1
41	A review on effect of intake system flow by various designs to engine performance. IOP Conference Series: Materials Science and Engineering, 2018, 429, 012052.	0.3	0
42	Modenas CT115s performance enhancement by redesign internal geometry to improve the flow pattern of air box. IOP Conference Series: Materials Science and Engineering, 2018, 429, 012053.	0.3	0
43	MODENAS CT115s intake port performance enhancement through analyzing volumetric and geometrical design with valve lift adjustment by using CFD Simulation. IOP Conference Series: Materials Science and Engineering, 2018, 429, 012051.	0.3	0
44	Enhancement of Engine Performance through analyzing internal part design on Modenas CT115s exhaust using CFD Simulation. IOP Conference Series: Materials Science and Engineering, 2018, 429, 012055.	0.3	1
45	Cooling capacity of 1 HP room air conditioner “ comparison between indoor room testing condition of ISO 5151 standard requirement and average Malaysian preferable condition. IOP Conference Series: Materials Science and Engineering, 2018, 429, 012070.	0.3	0
46	The Comparison between the Performance of Water and CuO/Water nanofluid in Improving the Heat Transfer of Small Spaces. IOP Conference Series: Materials Science and Engineering, 2018, 429, 012073.	0.3	3
47	Simulation Studies - Path Tracking of an Autonomous Electric Vehicle (AEV) by Using Fuzzy Information of Speed and Steering Angle. , 2018, , .		1
48	An Effect Sensitivity Harmonics of Rotor Induction Motors Based On Fuzzy Logic. International Journal of Engineering and Technology(UAE), 2018, 7, 418.	0.2	0
49	Development of High Efficiency Small Room Air Conditioner-Application of Dew Point Cooling System. IOP Conference Series: Materials Science and Engineering, 2018, 429, 012088.	0.3	0
50	Experimental and numerical analysis on the adhesive T-joint using high temperature adhesive. IOP Conference Series: Materials Science and Engineering, 2018, 429, 012093.	0.3	0
51	A Study on Possibility of CFD Simulation on Air Simulation in Minor Operation Theatre. IOP Conference Series: Materials Science and Engineering, 2018, 429, 012071.	0.3	0
52	A Test of Possibility on Relative Humidity Function in Minor Operation Theatre. IOP Conference Series: Materials Science and Engineering, 2018, 429, 012089.	0.3	0
53	Computational Fluid Dynamic (CFD) of Air Conditioning System for Human Thermal Comfort Analysis: A Simulation Study. , 2018, , .		1
54	Analysis of EMG based Arm Movement Sequence using Mean and Median Frequency. , 2018, , .		4

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55	Building Attribute Domain of Arm Motions for the Representation of Gestural Information. , 2018, , .		1
56	Improved Feng Binarization Based on Max-Mean Technique on Document Image. , 2018, , .		8
57	Valve Lift Overlapping Effect by Analyzing Engine Charge Flow in Various Cam Profiles for on Modenas CT115s using CFD Simulation. IOP Conference Series: Materials Science and Engineering, 2018, 429, 012054.	0.3	1
58	Development of an annular mist flow generating device for air-water flow. IOP Conference Series: Materials Science and Engineering, 2018, 429, 012077.	0.3	1
59	Development and investigation of thermoelectric cooling performance based on space scales. IOP Conference Series: Materials Science and Engineering, 2018, 429, 012083.	0.3	3
60	Analysis of Desired Air Flow Characteristic inside Dew Point Cooling system. IOP Conference Series: Materials Science and Engineering, 2018, 429, 012087.	0.3	0
61	The Effect of Multiple Surface Treatments on Oil Palm Empty Fruit Bunch (OPEFB) Fibre Structure. IOP Conference Series: Materials Science and Engineering, 2018, 429, 012005.	0.3	1
62	Development of Double Rotation Vertical Axis Generator with Double Rotation of Wind Turbine. , 2018, , .		10
63	The Effect of Alkaline Treatments with Various Concentrations on Oil Palm Empty Fruit Bunch (OPEFB) Fibre Structure. IOP Conference Series: Materials Science and Engineering, 2018, 429, 012006.	0.3	3
64	Image Correction Based on Homomorphic Filtering Approaches: A Study. , 2018, , .		8
65	Experimental Study on Relation of Small UAV Propeller Thrust Generation and The Mouth-Ring. IOP Conference Series: Materials Science and Engineering, 2018, 429, 012079.	0.3	0
66	Review of Different Binarization Approaches on Degraded Document Images. , 2018, , .		12
67	Studies on water absorption of polypropylene/recycled acrylonitrile butadiene rubber/empty fruit bunch composites. IOP Conference Series: Materials Science and Engineering, 2018, 429, 012091.	0.3	2
68	Enhancement of heat transfer properties for ZnO/water nanofluid in heat exchange applications. AIP Conference Proceedings, 2018, , .	0.3	2
69	Investigation of upper arm muscle activation for the progress monitoring in stroke rehabilitation. AIP Conference Proceedings, 2018, , .	0.3	1
70	Computational investigation of breast cancer on mammogram image information. AIP Conference Proceedings, 2018, , .	0.3	2
71	EMG Feature Extractions for Upper-Limb Functional Movement During Rehabilitation. , 2018, , .		8
72	Design Simulation of a Fuzzy Steering Wheel Controller for a buggy car. , 2018, , .		5

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73	Upper Limb Muscle Strength Analysis For Movement Sequence Based on Maximum Voluntary Contraction Using EMG Signal. , 2018, , .		7
74	Analysis of Suitable Thermodynamic Properties and Conditions for Dew Point Cooling system. IOP Conference Series: Materials Science and Engineering, 2018, 429, 012072.	0.3	2
75	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.	0.3	4
76	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.	0.3	3
77	Fabrication and Properties of Polypropylene and Kenaf Fiber Composite. IOP Conference Series: Materials Science and Engineering, 2018, 429, 012016.	0.3	5
78	Ontological Approach on Designing Knowledge Domain Presentation of MOCAP based on Arm Movement. , 2018, , .		1
79	Analysis of high humidity air flow inside dew point cooling system. AIP Conference Proceedings, 2018, , .	0.3	0
80	Development of Fuzzy Expert System for Diagnosis of Diabetes. , 2018, , .		13
81	Analysis of The Distance Metrics of KNN Classifier for EEG Signal in Stroke Patients. , 2018, , .		22
82	Determining Acceptable Range of Surface Electromyogram Electrode Placement Variation for Deltoid Muscle Using Euclidean Distance Function. , 2018, , .		2
83	Comparison of Detection Method on Malaria Cell Images. , 2018, , .		10
84	A Review of Different Segmentation Approach on Non Uniform Images. , 2018, , .		6
85	Objective Evaluation of Freezing of Gait in Patients with Parkinson's Disease through Machine Learning Approaches. , 2018, , .		11
86	Investigation of Adhesive Joint Strength for Dissimilar Metal Adherends by Using Taguchi Method. IOP Conference Series: Materials Science and Engineering, 2018, 429, 012098.	0.3	0
87	Timeâ€“frequency analysis in infant cry classification using quadratic time frequency distributions. Biocybernetics and Biomedical Engineering, 2018, 38, 634-645.	3.3	7
88	Investigation of upper limb movement for VR based post stroke rehabilitation device. , 2018, , .		2
89	Investigation of Steering Wheel Control of an Electric Buggy Car for Designing Fuzzy Controller. Lecture Notes in Mechanical Engineering, 2018, , 459-468.	0.3	16
90	A review: survey on automatic infant cry analysis and classification. Health and Technology, 2018, 8, 391-404.	2.1	17

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91	Development and Analysis of Hybrid Thermoelectric Refrigerator Systems. IOP Conference Series: Materials Science and Engineering, 2018, 318, 012036.	0.3	3
92	Performance evaluation of a VR-based arm rehabilitation using movement sequence pattern. , 2018, , .		6
93	Adaptive gesture recognition based on human physical characteristic. , 2018, , .		2
94	Analysis of Human Behavior During Braking for Autonomous Electric Vehicles. Advanced Structured Materials, 2018, , 453-459.	0.3	2
95	An overview of the Oil Palm Empty Fruit Bunch (OPEFB) potential as reinforcing fibre in polymer composite for energy absorption applications. MATEC Web of Conferences, 2017, 90, 01064.	0.1	34
96	Implementation of wavelet packet transform and non linear analysis for emotion classification in stroke patient using brain signals. Biomedical Signal Processing and Control, 2017, 36, 102-112.	3.5	67
97	Experimental study of hybrid interface cooling system using air ventilation and nanofluid. AIP Conference Proceedings, 2017, , .	0.3	1
98	Review on application CuO/distilled water & Al <sub>2</sub> O <sub>3</sub> /distilled water for enhancement heat transfer characteristics in cooling systems. AIP Conference Proceedings, 2017, , .	0.3	0
99	Exploring Polymer Nanofiber Mechanics: A review of the methods for determining their properties. IEEE Nanotechnology Magazine, 2017, 11, 16-28.	0.9	8
100	Improvement of cam performance curve using B-Spline curve. Journal of Physics: Conference Series, 2017, 908, 012043.	0.3	2
101	Thermoelectric as recovery and harvesting of waste heat from portable generator. Journal of Physics: Conference Series, 2017, 908, 012084.	0.3	1
102	Efficient methodology of route selection for driving cycle development. Journal of Physics: Conference Series, 2017, 908, 012082.	0.3	9
103	Design of refrigeration system using refrigerant R134a for macro compartment. Journal of Physics: Conference Series, 2017, 908, 012054.	0.3	1
104	Analysis of hybrid interface cooling system using air ventilation and nanofluid. AIP Conference Proceedings, 2017, , .	0.3	0
105	Experimental investigation on the failure of T-joints at elevated temperature under uniaxial loading. AIP Conference Proceedings, 2017, , .	0.3	0
106	Air flow quality analysis of modenaz engine exhaust system. AIP Conference Proceedings, 2017, , .	0.3	0
107	Analysis of airbox performance improvement for Modenas model by geometrical analysis. Journal of Physics: Conference Series, 2017, 908, 012068.	0.3	0
108	Design A New Model of Unmanned Aerial Vehicle Quadrotor Using The Variation in The Length of The Arm. Proceedings of International Conference on Artificial Life and Robotics, 2017, 22, 723-726.	0.1	7

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109	Study of Eddy Current Density Distribution in a Contactless Breast Cancer Detection Mechanism Using Magnetic Induction Spectroscopy. Lecture Notes in Electrical Engineering, 2017, , 89-94.	0.3	0
110	Multilevel Non-Inverting Inverter Based Smart Green Charger System. Proceedings of International Conference on Artificial Life and Robotics, 2017, 22, 719-722.	0.1	0
111	Auto Pilot Ship Heading Angle Control Using Adaptive Control Algorithm. Proceedings of International Conference on Artificial Life and Robotics, 2017, 22, 731-734.	0.1	0
112	Real Detection of 3D Human Hand Orientation Based Morphology. Proceedings of International Conference on Artificial Life and Robotics, 2017, 22, 715-718.	0.1	0
113	Thermal resistance modeling of back-end interconnect and intrinsic FinFETs, and transient simulation of inverters with capacitive loading effects. , 2016, , .		28
114	GAS-LIQUID FLOW DISTRIBUTION UNIFORMITY PARAMETERS IN UPWARD MULTI-PASS COMPACT EVAPORATOR. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.3	1
115	Evaluation the Performance of a New Quadrotor Model Based on the Arm's Length Variation. Proceedings of International Conference on Artificial Life and Robotics, 2016, 21, 155-160.	0.1	0
116	Fingerprinting of Light Fuel Oil: A Malaysia Case Study. Procedia Environmental Sciences, 2015, 30, 190-194.	1.3	5
117	Preliminary investigations of optical emission spectroscopy atmospheric plasma for microbial inactivation. , 2015, , .		1
118	Application nano-fluids for improvement heat transfer from small spaces: An overview. AIP Conference Proceedings, 2015, , .	0.3	1
119	Base fluid in improving heat transfer for EV car battery. AIP Conference Proceedings, 2015, , .	0.3	2
120	Audio feature extraction using probability distribution function. AIP Conference Proceedings, 2015, , .	0.3	0
121	Energy conservation and management system using efficient building automation. AIP Conference Proceedings, 2015, , .	0.3	17
122	Recognition of objects by grasping force using Linear Discriminant Analysis(LDA). , 2015, , .		2
123	Design of movement sequences for arm rehabilitation of post-stroke. , 2015, , .		6
124	OPTIMIZATION ON WIRELESS POWER TRANSFER. Jurnal Teknologi (Sciences and Engineering), 2015, 77, .	0.3	0
125	Lip movement tracking based on the changes of surface area of ellipse. AIP Conference Proceedings, 2015, , .	0.3	0
126	CONCEPTUAL DESIGN FOR ROBOT-AIDED ANKLE REHABILITATION DEVICE. Jurnal Teknologi (Sciences and) Tj ETQq0,0 0 rgBT <sub>2</sub> /Overlock	0.3	2



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127	Feedback sensor noise rejection control strategy for quadrotor UAV system. AIP Conference Proceedings, 2015, , .	0.3	3
128	Analysis of touching sensation based on weights of rectangular object. , 2015, , .		1
129	Study on the surface characteristic of PTFE after atmospheric plasma treatment. , 2015, , .		1
130	Formation of Momentum and Learning Rate Profile for Online Training and Testing of HMLP with ALRPE. Lecture Notes in Computer Science, 2015, , 268-275.	1.0	2
131	ON-LINE MODELLING AND FORECASTING OF A MOVING CAR INFORMATION USING TD-HMLP NETWORK. Jurnal Teknologi (Sciences and Engineering), 2015, 76, .	0.3	3
132	Quartz crystal microbalance for bacteria application review. , 2014, , .		8
133	Experimental studies of the correlation between fingers bending angle with voltage outputted from GloveMAP. , 2014, , .		0
134	Internal air flow analysis of a bladeless micro aerial vehicle hemisphere body using computational fluid dynamic. , 2014, , .		1
135	The effects of membership function of the input and output fuzzy logic controller in a mobile robot's straight line navigation. , 2014, , .		1
136	Emotion recognition from facial EMG signals using higher order statistics and principal component analysis. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers, Series A/Chung-kuo Kung Ch'eng Hsueh K'an, 2014, 37, 385-394.	0.6	60
137	Yaw, Pitch and Roll controller design for fixed-wing UAV under uncertainty and perturbed condition. , 2014, , .		19
138	Frequency study of facial electromyography signals with respect to emotion recognition. Biomedizinische Technik, 2014, 59, 241-9.	0.9	5
139	Analysis of EMG-based muscles activity for stroke rehabilitation. , 2014, , .		15
140	Electrocardiogram-based emotion recognition system using empirical mode decomposition and discrete Fourier transform. Expert Systems, 2014, 31, 110-120.	2.9	30
141	NMPC-PID based control structure design for avoiding uncertainties in attitude and altitude tracking control of quad-rotor (UAV). , 2014, , .		13
142	Optimal selection of mother wavelet for accurate infant cry classification. Australasian Physical and Engineering Sciences in Medicine, 2014, 37, 439-456.	1.4	11
143	Experimental studies of touching sensation of human fingertip force based on weights. , 2014, , .		1
144	Design of an Automated Breast Cancer Masses Detection in Mammogram Using Cellular Neural Network (CNN) Algorithm. Advanced Science Letters, 2014, 20, 254-258.	0.2	3

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145	Gesture Recognition Based on Bayesian Inference of Distributed Arm Trajectory. <i>Advanced Science Letters</i> , 2014, 20, 42-46.	0.2	0
146	Survey of Conventional UUV Navigation Mapping Technique in Development of AQUA-X UUV. <i>Journal of Robotics, Networking and Artificial Life</i> , 2014, 1, 90.	0.2	0
147	Glove-Based Virtual Interaction for the Rehabilitation of Hemiparesis Stroke Patient. <i>Journal of Robotics, Networking and Artificial Life</i> , 2014, 1, 130.	0.2	0
148	Classification of emotional states from electrocardiogram signals: a non-linear approach based on hurst. <i>BioMedical Engineering OnLine</i> , 2013, 12, 44.	1.3	84
149	Infant cry classification: Time frequency analysis. , 2013, , .		4
150	Emotion Detection from QRS Complex of ECG Signals Using Hurst Exponent for Different Age Groups. , 2013, , .		7
151	Dielectric spectroscopy of pharmaceutical drug (Paracetamol) dosage in water. , 2013, , .		6
152	Theoretical approach on vein graft survival: simulation on vein graft. <i>International Journal of Medical Engineering and Informatics</i> , 2013, 5, 279.	0.2	0
153	Speech Analysis Based On Image Information from Lip Movement. <i>IOP Conference Series: Materials Science and Engineering</i> , 2013, 53, 012016.	0.3	7
154	Human Classification Based on Gestural Motions by Using Components of PCA. <i>IOP Conference Series: Materials Science and Engineering</i> , 2013, 53, 012023.	0.3	0
155	A Fusion of Sensors Information for Autonomous Driving Control of an Electric Vehicle (EV). <i>IOP Conference Series: Materials Science and Engineering</i> , 2013, 53, 012025.	0.3	1
156	Hemodynamic study on upper extremity: Simulation on straight reverse saphenous vein graft. , 2012, , .		4
157	Study on bovine bone surface after atmospheric plasma treatment. , 2012, , .		1
158	Differential Steering Control for an Autonomous Mobile Robot: A Preliminary Experimental Study. <i>Procedia Engineering</i> , 2012, 41, 189-195.	1.2	4
159	Measurement of the Flexible Bending Force of the Index and Middle Fingers for Virtual Interaction. <i>Procedia Engineering</i> , 2012, 41, 388-394.	1.2	24
160	Computational Analysis on Upper Extremity Vein Graft: Simulation on Kinked Vein Graft. <i>Procedia Engineering</i> , 2012, 41, 694-699.	1.2	0
161	Performance comparison of Daubechies wavelet family in infant cry classification. , 2012, , .		13
162	Automatic classification of infant cry: A review. , 2012, , .		37

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163	Computational fluid dynamic analysis on microvascular vein grafting: Effect of mismatched conduit diameters. , 2012, , .		0
164	Emotion recognition from electrocardiogram signals using Hilbert Huang Transform. , 2012, , .		7
165	Investigation of homogeneous multi robots communication via Bluetooth. , 2012, , .		3
166	Infant cry classification to identify asphyxia using time-frequency analysis and radial basis neural networks. Expert Systems With Applications, 2012, 39, 9515-9523.	4.4	27
167	A Binary Particle Swarm Optimization Approach to Optimize Assembly Sequence Planning. Advanced Science Letters, 2012, 13, 732-738.	0.2	9
168	Probability Distribution of Arm Trajectory for Motion Estimation and Gesture Recognition. Advanced Science Letters, 2012, 13, 534-539.	0.2	5
169	Performance Measurement of Thresholding Algorithms in Printed Circuit Board Inspection System. , 2011, , .		1
170	Physiological signals based human emotion Recognition: a review. , 2011, , .		223
171	Gas-Liquid Distributions in Upward Multi-Pass Channels of Compact Evaporator. , 2010, , .		1
172	Dynamic gesture recognition based on the probabilistic distribution of arm trajectory. , 2008, , .		6
173	An Information Fusion System of Sensors for Human-machine Communication. , 2007, , .		0
174	3D measurement of human upper body for gesture recognition. , 2007, , .		1
175	Upper Extremity Vein Graft Monitoring Device after Surgery Procedure: A Preliminary Study. Advanced Materials Research, 0, 925, 656-660.	0.3	3
176	Comparative Study on Fuel Consumption and Different Driving Cycles for a Passenger Car in Malaysia via 1-D Simulation. IOP Conference Series: Materials Science and Engineering, 0, 429, 012057.	0.3	2
177	Development of Driving Cycle for Passenger Car under Real World Driving Conditions in Kuala Lumpur, Malaysia. IOP Conference Series: Materials Science and Engineering, 0, 429, 012047.	0.3	3
178	Fluid Flows for Heat Transfer Enhancement by Using ZnO/Water Nanofluids with Different Concentrations. IOP Conference Series: Materials Science and Engineering, 0, 429, 012076.	0.3	2
179	Numerical simulation of a new spoiler on upper surface of Clark Y14 wing. IOP Conference Series: Materials Science and Engineering, 0, 429, 012080.	0.3	2
180	Effectiveness of Tuned Q-factor Wavelet Transform in Emotion Recognition Among Left-brain Damaged Stroke Patients. International Journal of Simulation: Systems, Science and Technology, 0, , .	0.0	1