Anwar P P Abdul Majeed

List of Publications by Year
in descending order

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113	1,282	471509	414414
papers	citations	17 h-index	32 g-index

129	129	129	823
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Current Status, Challenges, and Possible Solutions of EEG-Based Brain-Computer Interface: A Comprehensive Review. Frontiers in Neurorobotics, 2020, 14, 25.	2.8	208
2	A review on the application of response surface method and artificial neural network in engine performance and exhaust emissions characteristics in alternative fuel. Renewable and Sustainable Energy Reviews, 2018, 90, 665-686.	16.4	143
3	A real-time approach of diagnosing rice leaf disease using deep learning-based faster R-CNN framework. PeerJ Computer Science, 2021, 7, e432.	4.5	107
4	Properties of high strength palm oil clinker lightweight concrete containing palm oil fuel ash in tropical climate. Construction and Building Materials, 2019, 199, 163-177.	7.2	62
5	The identification of high potential archers based on fitness and motor ability variables: A Support Vector Machine approach. Human Movement Science, 2018, 57, 184-193.	1.4	53
6	Differential impact on pregnancy rate of selective salpingography, tubal catheterization and wire-guide recanalization in the treatment of proximal Fallopian tube obstruction. Human Reproduction, 1995, 10, 1423-1426.	0.9	44
7	A machine learning approach of predicting high potential archers by means of physical fitness indicators. PLoS ONE, 2019, 14, e0209638.	2.5	40
8	The application of Artificial Neural Network and k-Nearest Neighbour classification models in the scouting of high-performance archers from a selected fitness and motor skill performance parameters. Science and Sports, 2019, 34, e241-e249.	0.5	39
9	Mechanical properties of oil palm waste lightweight aggregate concrete with fly ash as fine aggregate replacement. Journal of Building Engineering, 2020, 27, 100924.	3.4	34
10	Technical and tactical performance indicators discriminating winning and losing team in elite Asian beach soccer tournament. PLoS ONE, 2019, 14, e0219138.	2.5	33
11	The Classification of Skateboarding Trick Manoeuvres Through the Integration of IMU and Machine Learning. Lecture Notes in Mechanical Engineering, 2020, , 67-74.	0.4	24
12	The classification of motor imagery response: an accuracy enhancement through the ensemble of random subspace k-NN. PeerJ Computer Science, 2021, 7, e374.	4.5	23
13	The Identification of Hunger Behaviour of Lates Calcarifer through the Integration of Image Processing Technique and Support Vector Machine. IOP Conference Series: Materials Science and Engineering, 2018, 319, 012028.	0.6	21
14	Hunger classification of Lates calcarifer by means of an automated feeder and image processing. Computers and Electronics in Agriculture, 2019, 163, 104883.	7.7	21
15	The classification of EEG-based wink signals: A CWT-Transfer Learning pipeline. ICT Express, 2021, 7, 421-425.	4.8	20
16	Evaluation of the machine learning classifier in wafer defects classification. ICT Express, 2021, 7, 535-539.	4.8	19
17	Characterization on conduction properties of carboxymethyl cellulose/kappa carrageenan blend-based polymer electrolyte system. International Journal of Polymer Analysis and Characterization, 2018, 23, 321-330.	1.9	18
18	The classification of movement intention through machine learning models: the identification of significant time-domain EMG features. PeerJ Computer Science, 2021, 7, e379.	4.5	18

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19	The classification of EEG-based winking signals: a transfer learning and random forest pipeline. PeerJ, 2021, 9, e11182.	2.0	18
20	The Control of a Lower Limb Exoskeleton for Gait Rehabilitation: A Hybrid Active Force Control Approach. Procedia Computer Science, 2017, 105, 183-190.	2.0	17
21	The identification of high potential archers based on relative psychological coping skills variables: A Support Vector Machine approach. IOP Conference Series: Materials Science and Engineering, 2018, 319, 012027.	0.6	14
22	A hybrid active force control of a lower limb exoskeleton for gait rehabilitation. Biomedizinische Technik, 2018, 63, 491-500.	0.8	13
23	The classification of skateboarding tricks via transfer learning pipelines. PeerJ Computer Science, 2021, 7, e680.	4.5	12
24	Machine Learning in Sports. SpringerBriefs in Applied Sciences and Technology, 2019, , .	0.4	12
25	Human activity recognition based on wrist PPG via the ensemble method. ICT Express, 2022, 8, 513-517.	4.8	12
26	System integration and control of Dynamic Ankle Foot Orthosis for lower limb rehabilitation. , 2014, , .		11
27	The employment of Support Vector Machine to classify high and low performance archers based on bio-physiological variables. IOP Conference Series: Materials Science and Engineering, 2018, 342, 012020.	0.6	10
28	The prediction of blue water footprint at Semambu water treatment plant by means of Artificial Neural Networks (ANN) and Support Vector Machine (SVM) models. Physics and Chemistry of the Earth, 2021, 123, 103052.	2.9	10
29	The Classification of Skateboarding Trick Manoeuvres Through the Integration of Image Processing Techniques and Machine Learning. Lecture Notes in Electrical Engineering, 2020, , 347-356.	0.4	10
30	Heartbeat murmurs detection in phonocardiogram recordings via transfer learning. AEJ - Alexandria Engineering Journal, 2022, 61, 10995-11002.	6.4	9
31	Classifying Motion Intention from EMG signal: A k-NN Approach. , 2019, , .		8
32	The Diagnosis of Diabetic Retinopathy: A Transfer Learning with Support Vector Machine Approach. Advances in Intelligent Systems and Computing, 2021, , 391-398.	0.6	8
33	The Classification of Skateboarding Tricks by Means of the Integration of Transfer Learning and Machine Learning Models. Lecture Notes in Electrical Engineering, 2020, , 219-226.	0.4	8
34	Modelling and PID Control of a Quadrotor Aerial Robot. Advanced Materials Research, 0, 903, 327-331.	0.3	7
35	An intelligent active force control algorithm to control an upper extremity exoskeleton for motor recovery. IOP Conference Series: Materials Science and Engineering, 2016, 114, 012136.	0.6	7
36	Sensors Fusion based Online Mapping and Features Extraction of Mobile Robot in the Road Following and Roundabout. IOP Conference Series: Materials Science and Engineering, 2016, 114, 012135.	0.6	7

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37	Diagnosis of hearing deficiency using EEG based AEP signals: CWT and improved-VGG16 pipeline. PeerJ Computer Science, 2021, 7, e638.	4.5	7
38	Psychological Variables in Ascertaining Potential Archers. SpringerBriefs in Applied Sciences and Technology, 2019, , 21-27.	0.4	7
39	Predicting Serious Injuries Due to Road Traffic Accidents in Malaysia by Means of Artificial Neural Network. Lecture Notes in Mechanical Engineering, 2020, , 75-80.	0.4	7
40	A novel Bezier curve control point search algorithm for autonomous navigation using N-order polynomial search with boundary conditions. , 2021, , .		7
41	The identification of significant features towards travel mode choice and its prediction via optimised random forest classifier: An evaluation for active commuting behavior. Journal of Transport and Health, 2022, 25, 101362.	2.2	7
42	The classification of hunger behaviour of Lates Calcarifer through the integration of image processing technique and k-Nearest Neighbour learning algorithm. IOP Conference Series: Materials Science and Engineering, 2018, 342, 012017.	0.6	6
43	Machine Learning in Team Sports. SpringerBriefs in Applied Sciences and Technology, 2020, , .	0.4	6
44	Surveillance of Injury Types, Locations, and Intensities in Male and Female Tennis Players: A Content Analysis of Online Newspaper Reports. International Journal of Environmental Research and Public Health, 2021, 18, 12686.	2.6	6
45	Design and Validation of a Virtual Physical Education and Sport Scienceâ€“Related Course: A Learnerâ€™s Engagement Approach. International Journal of Environmental Research and Public Health, 2022, 19, 7636.	2.6	5
46	Impact-absorbing Materials in Reducing Brain Vibration Caused by Ball-to-head Impact in Soccer. Procedia Engineering, 2014, 72, 515-520.	1.2	4
47	Assistive-as-Needed Strategy for Upper-Limb Robotic Systems:An Initial Survey. IOP Conference Series: Materials Science and Engineering, 2017, 260, 012027.	0.6	4
48	Automated egg grading system using computer vision: Investigation on weight measure versus shape parameters. IOP Conference Series: Materials Science and Engineering, 2018, 342, 012003.	0.6	4
49	The normal vehicle forces effects of a two in-wheel electric vehicle towards the human brain on different road profile maneuver. SN Applied Sciences, 2020, 2, 1.	2.9	4
50	Evaluation of the Transfer Learning Models in Wafer Defects Classification. Lecture Notes in Electrical Engineering, 2022, , 873-881.	0.4	4
51	The Control of an Upper-Limb Exoskeleton by Means of a Particle Swarm Optimized Active Force Control for Motor Recovery. IFMBE Proceedings, 2017, , 56-62.	0.3	4
52	Key Performance Indicators in Elite Beach Soccer. SpringerBriefs in Applied Sciences and Technology, 2020, , 13-19.	0.4	4
53	Bio-Physiological Indicators in Evaluating Archery Performance. SpringerBriefs in Applied Sciences and Technology, 2019, , 13-20.	0.4	3
54	Development of Skill Performance Test for Talent Identification in Amateur Skateboarding Sport. Advances in Intelligent Systems and Computing, 2021, , 385-390.	0.6	3

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55	The Classification of Heartbeat PCG Signals via Transfer Learning. Lecture Notes in Electrical Engineering, 2022, , 49-59.	0.4	3
56	Anthropometry Correlation Towards Archery Performance. SpringerBriefs in Applied Sciences and Technology, 2019, , 29-35.	0.4	3
57	Identifying Talent in Sepak Takraw via Anthropometry Indexes. SpringerBriefs in Applied Sciences and Technology, 2020, , 29-39.	0.4	3
58	Modelling and control of an upper extremity exoskeleton for rehabilitation. IOP Conference Series: Materials Science and Engineering, 2016, 114, 012134.	0.6	3
59	Preliminary investigation of the impact resistance properties of a PASGT-type ballistic helmet. , 2011, , .		2
60	A Parametric Investigation on the Neo-Hookean Material Constant. Advanced Materials Research, 0, 915-916, 853-857.	0.3	2
61	Velocity Measurements Using High-Speed Imaging System for Impact Test. Advanced Materials Research, 0, 903, 187-193.	0.3	2
62	A hybrid joint based controller for an upper extremity exoskeleton. IOP Conference Series: Materials Science and Engineering, 2016, 114, 012133.	0.6	2
63	Forward and Inverse Predictive Model for the Trajectory Tracking Control of a Lower Limb Exoskeleton for Gait Rehabilitation: Simulation modelling analysis. IOP Conference Series: Materials Science and Engineering, 2018, 319, 012052.	0.6	2
64	Talent Identification of Potential Archers Through Fitness and Motor Ability Performance Variables by Means of Artificial Neural Network. Lecture Notes in Mechanical Engineering, 2018, , 371-376.	0.4	2
65	The application of k-Nearest Neighbour in the identification of high potential archers based on relative psychological coping skills variables. IOP Conference Series: Materials Science and Engineering, 2018, 342, 012019.	0.6	2
66	Comparison of Support Vector Machine and Friis Equation For Identification of Pallet-Level Tagging Using RFID Signal. , 2020, , .		2
67	The Identification of Significant Time-Domain Features for Wink-Based EEG Signals. Lecture Notes in Electrical Engineering, 2022, , 957-965.	0.4	2
68	Identification of high-performance volleyball players from anthropometric variables and psychological readiness: A machine-learning approach. Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology, 2023, 237, 317-324.	0.7	2
69	Nature of Volleyball Sport, Performance Analysis in Volleyball, and the Recent Advances of Machine Learning Application in Sports. SpringerBriefs in Applied Sciences and Technology, 2021, , 1-11.	0.4	2
70	The Flexural Strength Prediction of Porous Cu-Sn-Ti Composites via Artificial Neural Networks. Lecture Notes in Mechanical Engineering, 2020, , 403-407.	0.4	2
71	Time-Series Identification on Fish Feeding Behaviour. SpringerBriefs in Applied Sciences and Technology, 2020, , 37-47.	0.4	2
72	Kinematics Analysis of a 3DoF Lower Limb Exoskeleton for Gait Rehabilitation: A Preliminary Investigation. IFMBE Proceedings, 2017, , 168-172.	0.3	2

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73	Association of Physical Activity with Anthropometrics Variables and Health-Related Risks in Healthy Male Smokers. International Journal of Environmental Research and Public Health, 2022, 19, 6993.	2.6	2
74	Preliminary Numerical Analysis of a Platform Structure. Applied Mechanics and Materials, 0, 680, 280-283.	0.2	1
75	The Identification of Hunger Behaviour of Lates Calcarifer Using k-Nearest Neighbour. Lecture Notes in Mechanical Engineering, 2018, , 393-399.	0.4	1
76	Assistive-as-needed strategy for upper-limb robotic systems: A preliminary evaluation of the impedance control architecture. IOP Conference Series: Materials Science and Engineering, 2018, 342, 012049.	0.6	1
77	Modelling and control of a nonlinear magnetostrictive actuator system. IOP Conference Series: Materials Science and Engineering, 2018, 342, 012047.	0.6	1
78	The Control of an Upper Extremity Exoskeleton for Stroke Rehabilitation by Means of a Hybrid Active Force Control. Advances in Intelligent Systems and Computing, 2019, , 361-370.	0.6	1
79	Match Outcomes Prediction of Six Top English Premier League Clubs via Machine Learning Technique. Communications in Computer and Information Science, 2019, , 236-244.	0.5	1
80	The Effect of Image Input Transformation from Inertial Measurement Unit Data on the Classification of Skateboarding Tricks. Lecture Notes in Mechanical Engineering, 2021, , 424-432.	0.4	1
81	Kinematic Variables Defining Performance of Basketball Free-Throw in Novice Children: An Information Gain and Logistic Regression Analysis. Lecture Notes in Electrical Engineering, 2022, , 949-956.	0.4	1
82	A Hybrid Automata Framework for an Adaptive Impedance Control of a Robot-Assisted Training System. Lecture Notes in Mechanical Engineering, 2020, , 257-265.	0.4	1
83	The Classification of Skateboarding Trick Manoeuvres: A K-Nearest Neighbour Approach. Lecture Notes in Bioengineering, 2020, , 341-347.	0.4	1
84	The Application of Support Vector Machine in Classifying Potential Archers Using Bio-mechanical Indicators. Lecture Notes in Mechanical Engineering, 2018, , 385-391.	0.4	1
85	Machine Learning Approach in Identifying Speed Breakers for Autonomous Driving: An Overview. Lecture Notes in Mechanical Engineering, 2020, , 409-424.	0.4	1
86	The Diagnosis of Diabetic Retinopathy: A Transfer Learning Approach. , 2021, , .		1
87	The Diagnosis of COVID-19 by Means of Transfer Learning through X-ray Images. , 2021, , .		1
88	Altitude and Attitude Control of a Trirotor UAV. Advanced Materials Research, 2014, 903, 309-314.	0.3	0
89	Kinematics and Efficacy Analysis of the Seni Silat Cekak Malaysia (Kaedah A). Applied Mechanics and Materials, 2014, 680, 267-270.	0.2	0
90	CAE applications in a thermoforming mould design. IOP Conference Series: Materials Science and Engineering, 2016, 114, 012012.	0.6	0

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91	The Identification and Control of a Finger Exoskeleton for Grasping Rehabilitation. Lecture Notes in Mechanical Engineering, 2018, , 177-182.	0.4	0
92	Classification of High Performance Archers by Means of Bio-physiological Performance Variables via k-Nearest Neighbour Classification Model. Lecture Notes in Mechanical Engineering, 2018, , 377-384.	0.4	0
93	The Identification of Oreochromis niloticus Feeding Behaviour Through the Integration of Photoelectric Sensor and Logistic Regression Classifier. Communications in Computer and Information Science, 2019, , 222-228.	0.5	0
94	The Power Level Control of a Pressurised Water Reactor Nuclear Power Plant. Lecture Notes in Mechanical Engineering, 2020, , 451-455.	0.4	0
95	The Classification of Wink-Based EEG Signals: The Identification of Significant Time-Domain Features. Lecture Notes in Mechanical Engineering, 2021, , 283-291.	0.4	0
96	Minimizing Normal Vehicle Forces Effect During Cornering of a Two In-Wheel Vehicle Through the Identification of Optimum Speed via Particle Swarm Optimization (PSO). Advances in Intelligent Systems and Computing, 2021, , 407-412.	0.6	0
97	Compressive and viscoelastic behavior of Arenga Pinnata-Silicone Biocomposite. Materials Today: Proceedings, 2021, 41, 83-87.	1.8	0
98	Identification of Psychological Training Strategies Essential for Volleyball Performance. SpringerBriefs in Applied Sciences and Technology, 2021, , 21-26.	0.4	0
99	A Simulated Kalman Filter (SKF) Approach in Identifying Optimum Speed During Cornering. Lecture Notes in Mechanical Engineering, 2021, , 433-439.	0.4	0
100	The Classification of Wink-Based EEG Signals: The Identification on Efficiency of Transfer Learning Models by Means of kNN Classifier. Lecture Notes in Mechanical Engineering, 2021, , 205-213.	0.4	0
101	Performance Indicators Predicting Medallists and Non-medallists in Elite Men Volleyball Competition. SpringerBriefs in Applied Sciences and Technology, 2021, , 43-49.	0.4	0
102	Investigation of Features for Classification RFID Reading Between Two RFID Reader in Various Support Vector Machine Kernel Function. Lecture Notes in Electrical Engineering, 2022, , 127-139.	0.4	0
103	The Classification of Electrooculography Signals: A Significant Feature Identification via Mutual Information. Lecture Notes in Electrical Engineering, 2022, , 1005-1012.	0.4	0
104	Forecasting Daily Travel Mode Choice of Kuantan Travellers by Means of Machine Learning Models. Lecture Notes in Electrical Engineering, 2022, , 979-987.	0.4	0
105	The Application of Modified Equipment in Retention of Motor Task Performance Amongst Children of Low and High Working Memory Capacity. Lecture Notes in Electrical Engineering, 2022, , 931-939.	0.4	0
106	Normal Forces Effects of a Two In-Wheel Electric Vehicle Towards the Human Body. Lecture Notes in Electrical Engineering, 2022, , 693-701.	0.4	0
107	Psycho-Fitness Parameters in the Identification of High-Potential Archers. SpringerBriefs in Applied Sciences and Technology, 2019, , 37-44.	0.4	0
108	Performance Indicators Defining Goal Scoring Opportunities in Elite Asian Beach Soccer: An Artificial Neural Network Approach. Lecture Notes in Mechanical Engineering, 2021, , 276-282.	0.4	0

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109	Monitoring and Feeding Integration of Demand Feeder Systems. SpringerBriefs in Applied Sciences and Technology, 2020, , 11-24.	0.4	0
110	The Application of Artificial Neural Networks in Predicting Blood Pressure Levels of Youth Archers by Means of Anthropometric Indexes. Lecture Notes in Bioengineering, 2020, , 348-357.	0.4	0
111	Image Processing Features Extraction on Fish Behaviour. SpringerBriefs in Applied Sciences and Technology, 2020, , 25-36.	0.4	0
112	Physical Fitness Parameters in the Identification of High-Potential Sepak Takraw Players. SpringerBriefs in Applied Sciences and Technology, 2020, , 41-48.	0.4	0
113	Test-retest reliability of customised inertial measurement units (IMUs) in evaluating skateboarding related manoeuvres. Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology, 0, , 175433712211104.	0.7	0