Anwar P P Abdul Majeed

List of Publications by Year
in descending order

113 papers	1,282 citations	471509 17 h-index	414414 32 g-index
129 all docs	129 docs citations	129 times ranked	823 citing authors

#	Article	IF	Citations
1	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
2	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
3	Evaluation of the Transfer Learning Models in Wafer Defects Classification. Lecture Notes in Electrical Engineering, 2022, , 873-881.	0.4	4
4	The Identification of Significant Time-Domain Features for Wink-Based EEG Signals. Lecture Notes in Electrical Engineering, 2022, , 957-965.	0.4	2
5	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
6	The Classification of Electrooculography Signals: A Significant Feature Identification via Mutual Information. Lecture Notes in Electrical Engineering, 2022, , 1005-1012.	0.4	0
7	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
8	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
9	The Classification of Heartbeat PCG Signals via Transfer Learning. Lecture Notes in Electrical Engineering, 2022, , 49-59.	0.4	3
10	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
11	Human activity recognition based on wrist PPG via the ensemble method. ICT Express, 2022, 8, 513-517.	4.8	12
12	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
13	Heartbeat murmurs detection in phonocardiogram recordings via transfer learning. AEJ - Alexandria Engineering Journal, 2022, 61, 10995-11002.	6.4	9
14	Design and Validation of a Virtual Physical Education and Sport Science–Related Course: A Learner's Engagement Approach. International Journal of Environmental Research and Public Health, 2022, 19, 7636.	2.6	5
15	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
16	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
17	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
18	Compressive and viscoelastic behavior of Arenga Pinnata-Silicone Biocomposite. Materials Today: Proceedings, 2021, 41, 83-87.	1.8	0

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19	Identification of Psychological Training Strategies Essential for Volleyball Performance. SpringerBriefs in Applied Sciences and Technology, 2021, , 21-26.	0.4	0
20	A Simulated Kalman Filter (SKF) Approach in Identifying Optimum Speed During Cornering. Lecture Notes in Mechanical Engineering, 2021, , 433-439.	0.4	0
21	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
22	Development of Skill Performance Test for Talent Identification in Amateur Skateboarding Sport. Advances in Intelligent Systems and Computing, 2021, , 385-390.	0.6	3
23	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
24	The classification of EEG-based wink signals: A CWT-Transfer Learning pipeline. ICT Express, 2021, 7, 421-425.	4.8	20
25	Performance Indicators Predicting Medallists and Non-medallists in Elite Men Volleyball Competition. SpringerBriefs in Applied Sciences and Technology, 2021, , 43-49.	0.4	0
26	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
27	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
28	The classification of EEG-based winking signals: a transfer learning and random forest pipeline. PeerJ, 2021, 9, e11182.	2.0	18
29	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
30	Evaluation of the machine learning classifier in wafer defects classification. ICT Express, 2021, 7, 535-539.	4.8	19
31	The classification of skateboarding tricks *via* transfer learning pipelines. PeerJ Computer Science, 2021, 7, e680.	4.5	12
32	Diagnosis of hearing deficiency using EEG based AEP signals: CWT and improved-VGG16 pipeline. PeerJ Computer Science, 2021, 7, e638.	4.5	7
33	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
34	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
35	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
36	A novel Bezier curve control point search algorithm for autonomous navigation using N-order polynomial search with boundary conditions. , 2021, , .		7

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37	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
38	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
39	The Diagnosis of Diabetic Retinopathy: A Transfer Learning Approach. , 2021, , .		1
40	The Diagnosis of COVID-19 by Means of Transfer Learning through X-ray Images. , 2021, , .		1
41	The Power Level Control of a Pressurised Water Reactor Nuclear Power Plant. Lecture Notes in Mechanical Engineering, 2020, , 451-455.	0.4	0
42	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
43	Comparison of Support Vector Machine and Friis Equation For Identification of Pallet-Level Tagging Using RFID Signal. , 2020, , .		2
44	Current Status, Challenges, and Possible Solutions of EEG-Based Brain-Computer Interface: A Comprehensive Review. Frontiers in Neurorobotics, 2020, 14, 25.	2.8	208
45	Machine Learning in Team Sports. SpringerBriefs in Applied Sciences and Technology, 2020, , .	0.4	6
46	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
47	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
48	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
49	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
50	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
51	Time-Series Identification on Fish Feeding Behaviour. SpringerBriefs in Applied Sciences and Technology, 2020, , 37-47.	0.4	2
52	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
53	Key Performance Indicators in Elite Beach Soccer. SpringerBriefs in Applied Sciences and Technology, 2020, , 13-19.	0.4	4
54	Identifying Talent in Sepak Takraw via Anthropometry Indexes. SpringerBriefs in Applied Sciences and Technology, 2020, , 29-39.	0.4	3

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55	The Classification of Skateboarding Trick Manoeuvres: A K-Nearest Neighbour Approach. Lecture Notes in Bioengineering, 2020, , 341-347.	0.4	1
56	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
57	Machine Learning Approach in Identifying Speed Breakers for Autonomous Driving: An Overview. Lecture Notes in Mechanical Engineering, 2020, , 409-424.	0.4	1
58	Monitoring and Feeding Integration of Demand Feeder Systems. SpringerBriefs in Applied Sciences and Technology, 2020, , 11-24.	0.4	0
59	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
60	Image Processing Features Extraction on Fish Behaviour. SpringerBriefs in Applied Sciences and Technology, 2020, , 25-36.	0.4	0
61	Physical Fitness Parameters in the Identification of High-Potential Sepak Takraw Players. SpringerBriefs in Applied Sciences and Technology, 2020, , 41-48.	0.4	0
62	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
63	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
64	Technical and tactical performance indicators discriminating winning and losing team in elite Asian beach soccer tournament. PLoS ONE, 2019, 14, e0219138.	2.5	33
65	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
66	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
67	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
68	Classifying Motion Intention from EMG signal: A k-NN Approach. , 2019, , .		8
69	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
70	Bio-Physiological Indicators in Evaluating Archery Performance. SpringerBriefs in Applied Sciences and Technology, 2019, , 13-20.	0.4	3
71	A machine learning approach of predicting high potential archers by means of physical fitness indicators. PLoS ONE, 2019, 14, e0209638.	2.5	40
72	Machine Learning in Sports. SpringerBriefs in Applied Sciences and Technology, 2019, , .	0.4	12

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73	Psychological Variables in Ascertaining Potential Archers. SpringerBriefs in Applied Sciences and Technology, 2019, , 21-27.	0.4	7
74	Anthropometry Correlation Towards Archery Performance. SpringerBriefs in Applied Sciences and Technology, 2019, , 29-35.	0.4	3
75	Psycho-Fitness Parameters in the Identification of High-Potential Archers. SpringerBriefs in Applied Sciences and Technology, 2019, , 37-44.	0.4	0
76	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
77	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
78	The Identification and Control of a Finger Exoskeleton for Grasping Rehabilitation. Lecture Notes in Mechanical Engineering, 2018, , 177-182.	0.4	0
79	The Identification of Hunger Behaviour of Lates Calcarifer Using k-Nearest Neighbour. Lecture Notes in Mechanical Engineering, 2018, , 393-399.	0.4	1
80	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
81	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
82	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
83	A hybrid active force control of a lower limb exoskeleton for gait rehabilitation. Biomedizinische Technik, 2018, 63, 491-500.	0.8	13
84	The classification of hunger behaviour of <i>Lates Calcarifer</i> through the integration of image processing technique and <i>k</i>-Nearest Neighbour learning algorithm. IOP Conference Series: Materials Science and Engineering, 2018, 342, 012017.	0.6	6
85	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
86	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
87	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
88	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
89	The Identification of Hunger Behaviour of <i>Lates Calcarifer</i> through the Integration of Image Processing Technique and Support Vector Machine. IOP Conference Series: Materials Science and Engineering, 2018, 319, 012028.	0.6	21
90	Modelling and control of a nonlinear magnetostrictive actuator system. IOP Conference Series: Materials Science and Engineering, 2018, 342, 012047.	0.6	1

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91	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
92	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
93	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
94	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
95	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
96	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
97	Kinematics Analysis of a 3DoF Lower Limb Exoskeleton for Gait Rehabilitation: A Preliminary Investigation. IFMBE Proceedings, 2017, , 168-172.	0.3	2
98	A hybrid joint based controller for an upper extremity exoskeleton. IOP Conference Series: Materials Science and Engineering, 2016, 114, 012133.	0.6	2
99	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
100	CAE applications in a thermoforming mould design. IOP Conference Series: Materials Science and Engineering, 2016, 114, 012012.	0.6	0
101	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
102	Modelling and control of an upper extremity exoskeleton for rehabilitation. IOP Conference Series: Materials Science and Engineering, 2016, 114, 012134.	0.6	3
103	Altitude and Attitude Control of a Trirotor UAV. Advanced Materials Research, 2014, 903, 309-314.	0.3	0
104	Kinematics and Efficacy Analysis of the Seni Silat Cekak Malaysia (Kaedah A). Applied Mechanics and Materials, 2014, 680, 267-270.	0.2	0
105	Impact-absorbing Materials in Reducing Brain Vibration Caused by Ball-to-head Impact in Soccer. Procedia Engineering, 2014, 72, 515-520.	1.2	4
106	System integration and control of Dynamic Ankle Foot Orthosis for lower limb rehabilitation. , 2014, , .		11
107	Preliminary investigation of the impact resistance properties of a PASGT-type ballistic helmet. , 2011, , .		2
108	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

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109	A Parametric Investigation on the Neo-Hookean Material Constant. Advanced Materials Research, 0, 915-916, 853-857.	0.3	2
110	Velocity Measurements Using High-Speed Imaging System for Impact Test. Advanced Materials Research, 0, 903, 187-193.	0.3	2
111	Preliminary Numerical Analysis of a Platform Structure. Applied Mechanics and Materials, 0, 680, 280-283.	0.2	1
112	Modelling and PID Control of a Quadrotor Aerial Robot. Advanced Materials Research, 0, 903, 327-331.	0.3	7
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