

Wadee Alhalabi

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

1,572
citations

516215

16
h-index

315357

38
g-index

52
all docs

52
docs citations

52
times ranked

1859
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Discriminant Correlation Analysis: Real-Time Feature Level Fusion for Multimodal Biometric Recognition. IEEE Transactions on Information Forensics and Security, 2016, 11, 1984-1996. | 4.5 | 278 |
| 2 | Virtual reality systems enhance studentsâ€™ achievements in engineering education. Behaviour and Information Technology, 2016, 35, 919-925. | 2.5 | 221 |
| 3 | Fully automatic face normalization and single sample face recognition in unconstrained environments. Expert Systems With Applications, 2016, 47, 23-34. | 4.4 | 122 |
| 4 | Solar-thermal powered desalination: Its significant challenges and potential. Renewable and Sustainable Energy Reviews, 2015, 48, 152-165. | 8.2 | 118 |
| 5 | Disease Diagnosis in Smart Healthcare: Innovation, Technologies and Applications. Sustainability, 2017, 9, 2309. | 1.6 | 104 |
| 6 | ResearchGate: An effective altmetric indicator for active researchers?. Computers in Human Behavior, 2016, 55, 1001-1006. | 5.1 | 101 |
| 7 | Information Management in Smart Cities: Turning end usersâ€™ views into multi-item scale development, validation, and policy-making recommendations. International Journal of Information Management, 2021, 56, 102146. | 10.5 | 79 |
| 8 | Virtual Reality Analgesia During Venipuncture in Pediatric Patients With Onco-Hematological Diseases. Frontiers in Psychology, 2018, 9, 2508. | 1.1 | 74 |
| 9 | The Use of Virtual Reality to Facilitate Mindfulness Skills Training in Dialectical Behavioral Therapy for Borderline Personality Disorder: A Case Study. Frontiers in Psychology, 2016, 7, 1573. | 1.1 | 72 |
| 10 | Virtual Reality Analgesia for Pediatric Dental Patients. Frontiers in Psychology, 2018, 9, 2265. | 1.1 | 63 |
| 11 | The Use of Virtual Reality Facilitates Dialectical Behavior Therapyâ€™s â€œObserving Sounds and Visualsâ€• Mindfulness Skills Training Exercises for a Latino Patient with Severe Burns: A Case Study. Frontiers in Psychology, 2017, 8, 1611. | 1.1 | 39 |
| 12 | Instance-based ontology matching for e-learning material using an associative pattern classifier. Computers in Human Behavior, 2017, 69, 218-225. | 5.1 | 36 |
| 13 | Virtual Reality Analgesia With Interactive Eye Tracking During Brief Thermal Pain Stimuli: A Randomized Controlled Trial (Crossover Design). Frontiers in Human Neuroscience, 2019, 13, 467. | 1.0 | 28 |
| 14 | Fast consensus clustering in complex networks. Physical Review E, 2019, 99, 042301. | 0.8 | 25 |
| 15 | Novel Graph-Based Machine Learning Technique to Secure Smart Vehicles in Intelligent Transportation Systems. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 8483-8491. | 4.7 | 25 |
| 16 | Community detection in networks using graph embeddings. Physical Review E, 2021, 103, 022316. | 0.8 | 24 |
| 17 | From sociability to creditability for academics. Computers in Human Behavior, 2017, 75, 975-984. | 5.1 | 12 |
| 18 | Virtual Reality Distraction to Help Control Acute Pain during Medical Procedures. Virtual Reality Technologies for Health and Clinical Applications, 2019, , 195-208. | 0.8 | 12 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Virtual Reality in the Treatment of Patients with Overweight and Obesity: A Systematic Review. Sustainability, 2022, 14, 3324. | 1.6 | 12 |
| 20 | A Collaborative Framework for Sensing Abnormal Heart Rate Based on a Recommender System: Semantic Recommender System for Healthcare. Journal of Medical and Biological Engineering, 2018, 38, 1026-1045. | 1.0 | 9 |
| 21 | An Exploratory Study on the Effectiveness of Virtual Reality Analgesia for Children and Adolescents with Kidney Diseases Undergoing Venipuncture. International Journal of Environmental Research and Public Health, 2022, 19, 2291. | 1.2 | 9 |
| 22 | Smart Health System to Detect Dementia Disorders Using Virtual Reality. Healthcare (Switzerland), 2021, 9, 810. | 1.0 | 8 |
| 23 | Editorial for special issue on Virtual Reality and Augmented Reality. Virtual Reality, 2019, 23, 215-216. | 4.1 | 7 |
| 24 | Using Emotion Analysis to Define Human Factors of Virtual Reality Wearables. Procedia Computer Science, 2019, 163, 154-164. | 1.2 | 7 |
| 25 | Vessel Intensity Profile Uniformity Improvement for Retinal Vessel Segmentation. Procedia Computer Science, 2019, 163, 370-380. | 1.2 | 7 |
| 26 | Social mining for terroristic behavior detection through Arabic tweets characterization. Future Generation Computer Systems, 2021, 116, 132-144. | 4.9 | 7 |
| 27 | Crowdsourcing Research for Social Insights into Smart Cities Applications and Services. Sustainability, 2021, 13, 7531. | 1.6 | 7 |
| 28 | A user-centric semantic-based algorithm for ranking services: design and analysis. Service Oriented Computing and Applications, 2017, 11, 101-120. | 1.3 | 6 |
| 29 | Immersive Virtual Reality: A Safe, Scalable, Non-opioid Analgesic for Military and Veteran Patients. Frontiers in Virtual Reality, 2021, 2, . | 2.5 | 6 |
| 30 | Patient monitoring at home using 32-channel cost-effective data acquisition device. Telematics and Informatics, 2018, 35, 883-891. | 3.5 | 5 |
| 31 | Traffic systems in smart cities using LabVIEW. Journal of Science and Technology Policy Management, 2018, 9, 242-255. | 1.7 | 5 |
| 32 | Head motion coefficient-based algorithm for distracted driving detection. Data Technologies and Applications, 2019, 53, 171-188. | 0.9 | 5 |
| 33 | Virtual Reality in Dementia Diseases. Procedia Computer Science, 2019, 163, 275-282. | 1.2 | 5 |
| 34 | Fixation Detection with Ray-casting in Immersive Virtual Reality. International Journal of Advanced Computer Science and Applications, 2019, 10, . | 0.5 | 5 |
| 35 | A formal approach for matching and ranking trustworthy context-dependent services. Applied Soft Computing Journal, 2018, 73, 306-315. | 4.1 | 4 |
| 36 | Automatic Segmentation of Chromosome Cells. Advances in Intelligent Systems and Computing, 2019, , 654-663. | 0.5 | 4 |

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|----|--|-----|-----------|
| 37 | Older Adults Get Lost in Virtual Reality: Visuospatial Disorder Detection in Dementia Using a Voting Approach Based on Machine Learning Algorithms. Mathematics, 2022, 10, 1953. | 1.1 | 4 |
| 38 | Efficient solution for finding Hamilton cycles in undirected graphs. SpringerPlus, 2016, 5, 1192. | 1.2 | 3 |
| 39 | Influence of randomization strategies and problem characteristics on the performance of Differential Search algorithm. Applied Soft Computing Journal, 2017, 61, 88-110. | 4.1 | 3 |
| 40 | Robustness modularity in complex networks. Physical Review E, 2022, 105, . | 0.8 | 3 |
| 41 | Robust multi-scale orientation estimation: Spatial domain Vs Fourier domain. , 2013, , . | | 2 |
| 42 | Towards a microscopic model for analyzing the pedestrian mobility in an urban infrastructure. Journal of Science and Technology Policy Management, 2018, 9, 170-188. | 1.7 | 2 |
| 43 | On the usage of sorting networks to control greenhouse climatic factors. International Journal of Distributed Sensor Networks, 2018, 14, 155014771875687. | 1.3 | 2 |
| 44 | Performance analysis. Data Technologies and Applications, 2021, 55, 313-331. | 0.9 | 2 |
| 45 | Computationally efficient statistical face model in the feature space. , 2014, , . | | 0 |
| 46 | The co-learning in the design, simulation and optimization of a solar concentrating system. Computers in Human Behavior, 2015, 51, 857-866. | 5.1 | 0 |
| 47 | Orientation Field Estimation for Noisy Fingerprint Image Enhancement. Procedia Computer Science, 2019, 163, 352-369. | 1.2 | 0 |
| 48 | Prediction of radioactive injection dosage for PET imaging. Soft Computing, 2021, 25, 5847-5854. | 2.1 | 0 |
| 49 | Connecting One Belt One Road Countries via Wireless Sensor Network. , 2021, , 1070-1085. | | 0 |
| 50 | Testing of Multithreaded Code under Deterministic and Predictable Environment. Oriental Journal of Computer Science and Technology, 2016, 9, 186-193. | 0.6 | 0 |
| 51 | Case study: 16 channel DAQ device and its application to plant monitoring systems. , 2018, , . | | 0 |
| 52 | Connecting One Belt One Road Countries via Wireless Sensor Network. Advances in Finance, Accounting, and Economics, 2019, , 174-194. | 0.3 | 0 |