

# 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	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
2	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
3	Virtual Reality in the Treatment of Patients with Overweight and Obesity: A Systematic Review. Sustainability, 2022, 14, 3324.	1.6	12
4	Robustness modularity in complex networks. Physical Review E, 2022, 105, .	0.8	3
5	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
6	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
7	Social mining for terroristic behavior detection through Arabic tweets characterization. Future Generation Computer Systems, 2021, 116, 132-144.	4.9	7
8	Performance analysis. Data Technologies and Applications, 2021, 55, 313-331.	0.9	2
9	Community detection in networks using graph embeddings. Physical Review E, 2021, 103, 022316.	0.8	24
10	Prediction of radioactive injection dosage for PET imaging. Soft Computing, 2021, 25, 5847-5854.	2.1	0
11	Smart Health System to Detect Dementia Disorders Using Virtual Reality. Healthcare (Switzerland), 2021, 9, 810.	1.0	8
12	Crowdsourcing Research for Social Insights into Smart Cities Applications and Services. Sustainability, 2021, 13, 7531.	1.6	7
13	Connecting One Belt One Road Countries via Wireless Sensor Network. , 2021, , 1070-1085.		0
14	Immersive Virtual Reality: A Safe, Scalable, Non-opioid Analgesic for Military and Veteran Patients. Frontiers in Virtual Reality, 2021, 2, .	2.5	6
15	Editorial for special issue on Virtual Reality and Augmented Reality. Virtual Reality, 2019, 23, 215-216.	4.1	7
16	Head motion coefficient-based algorithm for distracted driving detection. Data Technologies and Applications, 2019, 53, 171-188.	0.9	5
17	Fast consensus clustering in complex networks. Physical Review E, 2019, 99, 042301.	0.8	25
18	Orientation Field Estimation for Noisy Fingerprint Image Enhancement. Procedia Computer Science, 2019, 163, 352-369.	1.2	0

#	ARTICLE	IF	CITATIONS
19	Using Emotion Analysis to Define Human Factors of Virtual Reality Wearables. <i>Procedia Computer Science</i> , 2019, 163, 154-164.	1.2	7
20	Vessel Intensity Profile Uniformity Improvement for Retinal Vessel Segmentation. <i>Procedia Computer Science</i> , 2019, 163, 370-380.	1.2	7
21	Automatic Segmentation of Chromosome Cells. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 654-663.	0.5	4
22	Virtual Reality Distraction to Help Control Acute Pain during Medical Procedures. <i>Virtual Reality Technologies for Health and Clinical Applications</i> , 2019, , 195-208.	0.8	12
23	Virtual Reality in Dementia Diseases. <i>Procedia Computer Science</i> , 2019, 163, 275-282.	1.2	5
24	Fixation Detection with Ray-casting in Immersive Virtual Reality. <i>International Journal of Advanced Computer Science and Applications</i> , 2019, 10, .	0.5	5
25	Virtual Reality Analgesia With Interactive Eye Tracking During Brief Thermal Pain Stimuli: A Randomized Controlled Trial (Crossover Design). <i>Frontiers in Human Neuroscience</i> , 2019, 13, 467.	1.0	28
26	Connecting One Belt One Road Countries via Wireless Sensor Network. <i>Advances in Finance, Accounting, and Economics</i> , 2019, , 174-194.	0.3	0
27	Towards a microscopic model for analyzing the pedestrian mobility in an urban infrastructure. <i>Journal of Science and Technology Policy Management</i> , 2018, 9, 170-188.	1.7	2
28	Patient monitoring at home using 32-channel cost-effective data acquisition device. <i>Telematics and Informatics</i> , 2018, 35, 883-891.	3.5	5
29	Traffic systems in smart cities using LabVIEW. <i>Journal of Science and Technology Policy Management</i> , 2018, 9, 242-255.	1.7	5
30	Virtual Reality Analgesia During Venipuncture in Pediatric Patients With Onco-Hematological Diseases. <i>Frontiers in Psychology</i> , 2018, 9, 2508.	1.1	74
31	On the usage of sorting networks to control greenhouse climatic factors. <i>International Journal of Distributed Sensor Networks</i> , 2018, 14, 155014771875687.	1.3	2
32	Virtual Reality Analgesia for Pediatric Dental Patients. <i>Frontiers in Psychology</i> , 2018, 9, 2265.	1.1	63
33	A formal approach for matching and ranking trustworthy context-dependent services. <i>Applied Soft Computing Journal</i> , 2018, 73, 306-315.	4.1	4
34	A Collaborative Framework for Sensing Abnormal Heart Rate Based on a Recommender System: Semantic Recommender System for Healthcare. <i>Journal of Medical and Biological Engineering</i> , 2018, 38, 1026-1045.	1.0	9
35	Case study: 16 channel DAQ device and its application to plant monitoring systems. , 2018, , .		0
36	Instance-based ontology matching for e-learning material using an associative pattern classifier. <i>Computers in Human Behavior</i> , 2017, 69, 218-225.	5.1	36

#	ARTICLE	IF	CITATIONS
37	Influence of randomization strategies and problem characteristics on the performance of Differential Search algorithm. <i>Applied Soft Computing Journal</i> , 2017, 61, 88-110.	4.1	3
38	From sociability to creditability for academics. <i>Computers in Human Behavior</i> , 2017, 75, 975-984.	5.1	12
39	A user-centric semantic-based algorithm for ranking services: design and analysis. <i>Service Oriented Computing and Applications</i> , 2017, 11, 101-120.	1.3	6
40	The Use of Virtual Reality Facilitates Dialectical Behavior Therapy's "Observing Sounds and Visuals" Mindfulness Skills Training Exercises for a Latino Patient with Severe Burns: A Case Study. <i>Frontiers in Psychology</i> , 2017, 8, 1611.	1.1	39
41	Disease Diagnosis in Smart Healthcare: Innovation, Technologies and Applications. <i>Sustainability</i> , 2017, 9, 2309.	1.6	104
42	Efficient solution for finding Hamilton cycles in undirected graphs. <i>SpringerPlus</i> , 2016, 5, 1192.	1.2	3
43	The Use of Virtual Reality to Facilitate Mindfulness Skills Training in Dialectical Behavioral Therapy for Borderline Personality Disorder: A Case Study. <i>Frontiers in Psychology</i> , 2016, 7, 1573.	1.1	72
44	Virtual reality systems enhance students' achievements in engineering education. <i>Behaviour and Information Technology</i> , 2016, 35, 919-925.	2.5	221
45	Discriminant Correlation Analysis: Real-Time Feature Level Fusion for Multimodal Biometric Recognition. <i>IEEE Transactions on Information Forensics and Security</i> , 2016, 11, 1984-1996.	4.5	278
46	ResearchGate: An effective altmetric indicator for active researchers?. <i>Computers in Human Behavior</i> , 2016, 55, 1001-1006.	5.1	101
47	Fully automatic face normalization and single sample face recognition in unconstrained environments. <i>Expert Systems With Applications</i> , 2016, 47, 23-34.	4.4	122
48	Testing of Multithreaded Code under Deterministic and Predictable Environment. <i>Oriental Journal of Computer Science and Technology</i> , 2016, 9, 186-193.	0.6	0
49	The co-learning in the design, simulation and optimization of a solar concentrating system. <i>Computers in Human Behavior</i> , 2015, 51, 857-866.	5.1	0
50	Solar-thermal powered desalination: Its significant challenges and potential. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 48, 152-165.	8.2	118
51	Computationally efficient statistical face model in the feature space. , 2014, , .		0
52	Robust multi-scale orientation estimation: Spatial domain Vs Fourier domain. , 2013, , .		2