

# Babak Majidi

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

455  
citations

1162367

8  
h-index

1125271

13  
g-index

50  
all docs

50  
docs citations

50  
times ranked

165  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sliding-Window-Based Real-Time Model Order Reduction for Stability Prediction in Smart Grid. IEEE Transactions on Power Systems, 2019, 34, 326-337.	4.6	36
2	Modular interpretation of low altitude aerial images of non-urban environment. , 2014, 26, 127-141.		32
3	Fast Facial emotion recognition Using Convolutional Neural Networks and Gabor Filters. , 2019, , .		30
4	A deep residual neural network for low altitude remote sensing image classification. , 2018, , .		24
5	Glimpse-gaze deep vision for Modular Rapidly Deployable Decision Support Agent in smart jungle. , 2018, , .		20
6	Deep cross altitude visual interpretation for service robotic agents in smart city. , 2018, , .		18
7	Autonomous litter surveying and human activity monitoring for governance intelligence in coastal eco-cyber-physical systems. Ocean and Coastal Management, 2021, 200, 105478.	2.0	18
8	Aerial tracking of elongated objects in rural environments. Machine Vision and Applications, 2009, 20, 23-34.	1.7	17
9	Partially Covered Face Detection in Presence of Headscarf for Surveillance Applications. , 2019, , .		17
10	Deep Visual Privacy Preserving for Internet of Robotic Things. , 2019, , .		16
11	Secure decentralized peer-to-peer training of deep neural networks based on distributed ledger technology. Journal of Supercomputing, 2020, 76, 10354-10368.	2.4	15
12	A Case Study of Generative Adversarial Networks for Procedural Synthesis of Original Textures in Video Games. , 2018, , .		14
13	Deep Multisensor Dashboard for Composition Layer of Web of Things in the Smart City. , 2018, , .		13
14	Privacy-preserving federated learning for scalable and high data quality computational-intelligence-as-a-service in Society 5.0. Multimedia Tools and Applications, 2022, 81, 25029-25050.	2.6	13
15	Inbound e-marketing using neural network based visual and phonetic user experience analytics. , 2018, , .		12
16	Metaheuristic neural networks for anomaly recognition in industrial sensor networks with packet latency and jitter for smart infrastructures. International Journal of Computers and Applications, 2021, 43, 257-266.	0.8	12
17	Geo-Spatiotemporal Intelligence for Smart Agricultural and Environmental Eco-Cyber-Physical Systems. Studies in Computational Intelligence, 2021, , 471-491.	0.7	12
18	Industrial assessment of horticultural products' quality using image data fusion. , 2003, , .		11

#	ARTICLE	IF	CITATIONS
19	Smart Coastline Environment Management Using Deep Detection of Manmade Pollution and Hazards. , 2019, , .		11
20	Fragile high capacity data hiding in digital images using integer-to-integer DWT and lattice vector quantization. Multimedia Tools and Applications, 2020, 79, 13427-13447.	2.6	9
21	Computer-Aided-Diagnosis as a Service on Decentralized Medical Cloud for Efficient and Rapid Emergency Response Intelligence. New Generation Computing, 2021, 39, 677-700.	2.5	9
22	A novel metric for digital image quality assessment using entropy-based image complexity. , 2017, , .		8
23	Reliable and Energy-Efficient Routing for Green Software Defined Networking. , 2018, , .		8
24	Cross Platform Web-based Smart Tourism Using Deep Monument Mining. , 2019, , .		7
25	Privacy Preserved Decentralized Deep Learning: A Blockchain Based Solution for Secure AI-Driven Enterprise. Communications in Computer and Information Science, 2019, , 32-40.	0.4	7
26	Coral Reef Management in Persian Gulf Using Deep Convolutional Neural Networks. , 2019, , .		6
27	3D Modeling of Urban Environment for Efficient Renewable Energy Production in the Smart City. , 2019, , .		6
28	Relevant Question Answering in Community Based Networks Using Deep LSTM Neural Networks. , 2019, , .		6
29	Secure communication and archiving of low altitude remote sensing data using high capacity fragile data hiding. Multimedia Tools and Applications, 2019, 78, 10325-10351.	2.6	6
30	Low Altitude Aerial Scene Synthesis Using Generative Adversarial Networks for Autonomous Natural Resource Management. , 2019, , .		5
31	Visually Enhanced E-learning Environments Using Deep Cross-Medium Matching. , 2019, , .		5
32	Cross-Platform E- Management for Smart Care Facilities Using Deep Interpretation of Patient Surveillance Videos. , 2018, , .		4
33	Deep E-School-Nurse for Personalized Health-Centered E-Learning Administration. , 2019, , .		3
34	Off-chain management and state-tracking of smart programs on blockchain for secure and efficient decentralized computation. International Journal of Computers and Applications, 2022, 44, 822-829.	0.8	3
35	Location-aware hazardous litter management for smart emergency governance in urban eco-cyber-physical systems. Multimedia Tools and Applications, 2022, , 1-30.	2.6	3
36	Edge detection using determinant-variance trace algorithm based on Roots-Dimensional Mapping method. , 2017, , .		2

#	ARTICLE	IF	CITATIONS
37	Personalized Advertisement in the Video Games Using Deep Social Network Sentiment Analysis. , 2018, , .		2
38	Deep Interpretation of Parkland Environment for Autonomous Landscaping Robot for the Green Smart City. , 2019, , .		2
39	Procedural Composition of Traditional Persian Music Using Deep Neural Networks. , 2019, , .		2
40	Autonomous Road Pavement Inspection and Defect Analysis for Smart City Maintenance. , 2021, , .		2
41	Deep Vision for Navigation of Autonomous Motorcycle in Urban and Semi-Urban Environments. , 2019, , .		2
42	Anomaly modelling in machine learning based navigation system of autonomous vehicles. , 2020, , .		2
43	Deep Summarization of Academic Textbooks for Adaptive Gamified Virtual Learning Environments. , 2018, , .		1
44	Robust fuzzy rough set based dimensionality reduction for big multimedia data hashing and unsupervised generative learning. Multimedia Tools and Applications, 2021, 80, 17745-17772.	2.6	1
45	ARGAN: Fast Converging GAN for Animation Style Transfer. , 2022, , .		1
46	Autonomous oil spill and pollution detection for large-scale conservation in marine eco-cyber-physical systems. , 2021, , .		1
47	Optimal VM-to-user mapping in cloud environment based on sustainable strategy space theory. Cluster Computing, 2021, 24, 3229.	3.5	0