Peyman Najafirad

List of Publications by Year
in descending order

55 papers	1,292 citations	567281 15 h-index	552781 26 g-index
56 all docs	56 docs citations	56 times ranked	1329 citing authors

#	Article	IF	Citations
1	A Memory Network Information Retrieval Model for Identification of News Misinformation. IEEE Transactions on Big Data, 2022, 8, 1358-1370.	6.1	7
2	Deepfake forensics analysis: An explainable hierarchical ensemble of weakly supervised models. Forensic Science International (Online), 2022, 4, 100217.	1.3	11
3	Distributed AI-Driven Search Engine on Visual Internet-of-Things for Event Discovery in the Cloud. , 2022, , .		0
4	Multi-Armed Bandit Regularized Expected Improvement for Efficient Global Optimization of Expensive Computer Experiments With Low Noise. IEEE Access, 2021, 9, 100125-100140.	4.2	1
5	Deep Learning Based Prediction of Doppler Shift for Mobile Communications. , 2021, , .		1
6	AI-Augmented Behavior Analysis for Children With Developmental Disabilities: Building Toward Precision Treatment. IEEE Systems, Man, and Cybernetics Magazine, 2021, 7, 4-12.	1.4	9
7	Interpretable Self-Supervised Facial Micro-Expression Learning to Predict Cognitive State and Neurological Disorders. Proceedings of the AAAI Conference on Artificial Intelligence, 2021, 35, 818-826.	4.9	1
8	Artificial Intelligence in Tactical Human Resource Management: A Systematic Literature Review. International Journal of Information Management Data Insights, 2021, 1, 100047.	9.7	69
9	Show Why the Answer is Correct! Towards Explainable AI using Compositional Temporal Attention. , 2021, , .		2
10	Driverless vehicle security: Challenges and future research opportunities. Future Generation Computer Systems, 2020, 108, 1092-1111.	7.5	82
11	Geospatial Event Detection by Grouping Emotion Contagion in Social Media. IEEE Transactions on Big Data, 2020, 6, 159-170.	6.1	9
12	Toward Artificial Emotional Intelligence for Cooperative Social Humanâ€“Machine Interaction. IEEE Transactions on Computational Social Systems, 2020, 7, 234-246.	4.4	49
13	Modeling EEG Data Distribution With a Wasserstein Generative Adversarial Network to Predict RSVP Events. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2020, 28, 1720-1730.	4.9	30
14	Misinformation Harms: A Tale of Two Humanitarian Crises. IEEE Transactions on Professional Communication, 2020, 63, 386-399.	0.8	4
15	An Investigation of Misinformation Harms Related to Social Media during Two Humanitarian Crises. Information Systems Frontiers, 2020, 23, 1-9.	6.4	17
16	Improving Financial Time Series Prediction Accuracy Using Ensemble Empirical Mode Decomposition and Recurrent Neural Networks. IEEE Access, 2020, 8, 117133-117145.	4.2	25
17	Human Action Performance Using Deep Neuro-Fuzzy Recurrent Attention Model. IEEE Access, 2020, 8, 57749-57761.	4.2	21
18	Temporal Graph Traversals Using Reinforcement Learning With Proximal Policy Optimization. IEEE Access, 2020, 8, 63910-63922.	4.2	10

#	Article	IF	Citations
19	Detecting Internet of Things attacks using distributed deep learning. Journal of Network and Computer Applications, 2020, 163, 102662.	9.1	131
20	Summarizing Complex Graphical Models of Multiple Chronic Conditions Using the Second Eigenvalue of Graph Laplacian: Algorithm Development and Validation. JMIR Medical Informatics, 2020, 8, e16372.	2.6	3
21	Deep Learning Based Prediction of Signal-to-Noise Ratio (SNR) for LTE and 5G Systems. , 2020, , .		8
22	Are you emotional or depressed? Learning about your emotional state from your music using machine learning. Journal of Supercomputing, 2019, 75, 2986-3009.	3.6	28
23	Cooperative unmanned aerial vehicles with privacy preserving deep vision for real-time object identification and tracking. Journal of Parallel and Distributed Computing, 2019, 131, 147-160.	4.1	18
24	Implementation of deep packet inspection in smart grids and industrial Internet of Things: Challenges and opportunities. Journal of Network and Computer Applications, 2019, 135, 32-46.	9.1	74
25	Deep Learning Poison Data Attack Detection. , 2019, , .		11
26	Misinformation Harms During Crises: When The Human And Machine Loops Interact. , 2019, , .		5
27	Implicit Life Event Discovery From Call Transcripts Using Temporal Input Transformation Network. IEEE Access, 2019, 7, 172178-172189.	4.2	10
28	3D Object Detection Based on LiDAR Data. , 2019, , .		5
29	Generating EEG signals of an RSVP Experiment by a Class Conditioned Wasserstein Generative Adversarial Network. , 2019, , .		13
30	A Semi-Supervised Wasserstein Generative Adversarial Network for Classifying Driving Fatigue from EEG signals. , 2019, , .		9
31	Distributed machine learning cloud teleophthalmology IoT for predicting AMD disease progression. Future Generation Computer Systems, 2019, 93, 486-498.	7.5	56
32	A Privacy-Aware Architecture at the Edge for Autonomous Real-Time Identity Reidentification in Crowds. IEEE Internet of Things Journal, 2018, 5, 2936-2946.	8.7	23
33	Improved Deep Neural Network Object Tracking System for Applications in Home Robotics. Studies in Computational Intelligence, 2018, , 369-395.	0.9	29
34	Distributed Edge Cloud R-CNN for Real Time Object Detection. , 2018, , .		8
35	Customer Review Analytics using Subjective Loss Function for Conceptual-based Learning. , 2018, , .		1
36	Blockchain Design for Trusted Decentralized IoT Networks. , 2018, , .		35

#	Article	IF	Citations
37	Cloud of Things in Smart Agriculture: Intelligent Irrigation Monitoring by Thermal Imaging. IEEE Cloud Computing, 2017, 4, 10-15.	3.9	206
38	A deep learning approach for mapping music genres. , 2017, , .		16
39	Voice biometrics: Deep learning-based voiceprint authentication system. , 2017, , .		40
40	Autonomous decision making for a driver-less car. , 2017, , .		11
41	Pedestrian detection system for smart communities using deep Convolutional Neural Networks. , 2017, , .		22
42	A deep vision landmark framework for robot navigation. , 2017, , .		16
43	Deep learning control for complex and large scale cloud systems. Intelligent Automation and Soft Computing, 2017, 23, 389-391.	2.1	30
44	Survey of automated software deployment for computational and engineering research. , 2016, , .		16
45	A Novel Technique to Enhance Low Resolution CT and Magnetic Resonance Images in Cloud. , 2016, , .		3
46	Image Enhancement via Cloud Cascade Control Based Sub-Image-Clipped Histogram Equalization. , 2016, , .		1
47	Cloud robotics: A software architecture: For heterogeneous large-scale autonomous robots. , 2016, , .		22
48	Efficient distributed algorithm for scheduling workload-aware jobs on multi-clouds. , 2016, , .		10
49	Secure image processing inside cloud file sharing environment using lightweight containers. , 2015, , .		8
50	Secure Proxy Service Using p-Fibonacci Transformation of Cosine Coefficients on Cloud File Sharing Environment. , 2015, , .		1
51	Image segmentation by multi-level thresholding using genetic algorithm with fuzzy entropy cost functions. , 2015, , .		12
52	Image segmentation by multi-level thresholding based on fuzzy entropy and genetic algorithm in cloud. , 2015, , .		5
53	Cloud-based realtime robotic Visual SLAM. , 2015, , .		35
54	Low-latency software defined network for high performance clouds. , 2015, , .		14

#	Article	IF	Citations
55	A novel image encryption method to reduce decryption execution time in cloud. , 2015, , .		9