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	Cloud of Things in Smart Agriculture: Intelligent Irrigation Monitoring by Thermal Imaging. IEEE Cloud Computing, 2017, 4, 10-15.	3.9	206
2	Detecting Internet of Things attacks using distributed deep learning. Journal of Network and Computer Applications, 2020, 163, 102662.	9.1	131
3	Driverless vehicle security: Challenges and future research opportunities. Future Generation Computer Systems, 2020, 108, 1092-1111.	7.5	82
4	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
5	Artificial Intelligence in Tactical Human Resource Management: A Systematic Literature Review. International Journal of Information Management Data Insights, 2021, 1, 100047.	9.7	69
6	Distributed machine learning cloud teleophthalmology IoT for predicting AMD disease progression. Future Generation Computer Systems, 2019, 93, 486-498.	7.5	56
7	Toward Artificial Emotional Intelligence for Cooperative Social Human–Machine Interaction. IEEE Transactions on Computational Social Systems, 2020, 7, 234-246.	4.4	49
8	Voice biometrics: Deep learning-based voiceprint authentication system. , 2017, , .		40
9	Cloud-based realtime robotic Visual SLAM. , 2015, , .		35
10	Blockchain Design for Trusted Decentralized IoT Networks. , 2018, , .		35
11	Deep learning control for complex and large scale cloud systems. Intelligent Automation and Soft Computing, 2017, 23, 389-391.	2.1	30
12	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
13	Improved Deep Neural Network Object Tracking System for Applications in Home Robotics. Studies in Computational Intelligence, 2018, , 369-395.	0.9	29
14	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
15	Improving Financial Time Series Prediction Accuracy Using Ensemble Empirical Mode Decomposition and Recurrent Neural Networks. IEEE Access, 2020, 8, 117133-117145.	4.2	25
16	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
17	Cloud robotics: A software architecture: For heterogeneous large-scale autonomous robots. , 2016, , .		22
18	Pedestrian detection system for smart communities using deep Convolutional Neural Networks. , 2017, , .		22

#	Article	IF	Citations
19	Human Action Performance Using Deep Neuro-Fuzzy Recurrent Attention Model. IEEE Access, 2020, 8, 57749-57761.	4.2	21
20	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
21	An Investigation of Misinformation Harms Related to Social Media during Two Humanitarian Crises. Information Systems Frontiers, 2020, 23, 1-9.	6.4	17
22	Survey of automated software deployment for computational and engineering research. , 2016, , .		16
23	A deep learning approach for mapping music genres. , 2017, , .		16
24	A deep vision landmark framework for robot navigation. , 2017, , .		16
25	Low-latency software defined network for high performance clouds. , 2015, , .		14
26	Generating EEG signals of an RSVP Experiment by a Class Conditioned Wasserstein Generative Adversarial Network. , 2019, , .		13
27	Image segmentation by multi-level thresholding using genetic algorithm with fuzzy entropy cost functions. , 2015, , .		12
28	Autonomous decision making for a driver-less car. , 2017, , .		11
29	Deep Learning Poison Data Attack Detection. , 2019, , .		11
30	Deepfake forensics analysis: An explainable hierarchical ensemble of weakly supervised models. Forensic Science International (Online), 2022, 4, 100217.	1.3	11
31	Efficient distributed algorithm for scheduling workload-aware jobs on multi-clouds. , 2016, , .		10
32	Implicit Life Event Discovery From Call Transcripts Using Temporal Input Transformation Network. IEEE Access, 2019, 7, 172178-172189.	4.2	10
33	Temporal Graph Traversals Using Reinforcement Learning With Proximal Policy Optimization. IEEE Access, 2020, 8, 63910-63922.	4.2	10
34	A novel image encryption method to reduce decryption execution time in cloud. , 2015, , .		9
35	A Semi-Supervised Wasserstein Generative Adversarial Network for Classifying Driving Fatigue from EEG signals. , 2019, , .		9
36	Geospatial Event Detection by Grouping Emotion Contagion in Social Media. IEEE Transactions on Big Data, 2020, 6, 159-170.	6.1	9

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37	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
38	Secure image processing inside cloud file sharing environment using lightweight containers. , 2015, , .		8
39	Distributed Edge Cloud R-CNN for Real Time Object Detection. , 2018, , .		8
40	Deep Learning Based Prediction of Signal-to-Noise Ratio (SNR) for LTE and 5G Systems. , 2020, , .		8
41	A Memory Network Information Retrieval Model for Identification of News Misinformation. IEEE Transactions on Big Data, 2022, 8, 1358-1370.	6.1	7
42	Image segmentation by multi-level thresholding based on fuzzy entropy and genetic algorithm in cloud. , 2015, , .		5
43	Misinformation Harms During Crises: When The Human And Machine Loops Interact. , 2019, , .		5
44	3D Object Detection Based on LiDAR Data. , 2019, , .		5
45	Misinformation Harms: A Tale of Two Humanitarian Crises. IEEE Transactions on Professional Communication, 2020, 63, 386-399.	0.8	4
46	A Novel Technique to Enhance Low Resolution CT and Magnetic Resonance Images in Cloud. , 2016, , .		3
47	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
48	Show Why the Answer is Correct! Towards Explainable AI using Compositional Temporal Attention. , 2021, , .		2
49	Secure Proxy Service Using p-Fibonacci Transformation of Cosine Coefficients on Cloud File Sharing Environment. , 2015, , .		1
50	Image Enhancement via Cloud Cascade Control Based Sub-Image-Clipped Histogram Equalization. , 2016, , .		1
51	Customer Review Analytics using Subjective Loss Function for Conceptual-based Learning. , 2018, , .		1
52	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
53	Deep Learning Based Prediction of Doppler Shift for Mobile Communications. , 2021, , .		1
54	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

#	Article	IF	Citations
55	Distributed AI-Driven Search Engine on Visual Internet-of-Things for Event Discovery in the Cloud. , 2022, , .		0