Rajesh Kumar

List of Publications by Year
in descending order

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34	2,215	687220 13	887953 17
papers	citations	h-index	g-index

34	34	34	2635
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Single-chip microprocessor that communicates directly using light. Nature, 2015, 528, 534-538.	13.7	1,028
2	Blockchain-Federated-Learning and Deep Learning Models for COVID-19 Detection Using CT Imaging. IEEE Sensors Journal, 2021, 21, 16301-16314.	2.4	243
3	Analysis of ResNet and GoogleNet models for malware detection. Journal of Computer Virology and Hacking Techniques, 2019, 15, 29-37.	1.6	139
4	A Multimodal Malware Detection Technique for Android IoT Devices Using Various Features. IEEE Access, 2019, 7, 64411-64430.	2.6	101
5	An Adaptive Multi-Layer Botnet Detection Technique Using Machine Learning Classifiers. Applied Sciences (Switzerland), 2019, 9, 2375.	1.3	92
6	An Integration of blockchain and AI for secure data sharing and detection of CT images for the hospitals. Computerized Medical Imaging and Graphics, 2021, 87, 101812.	3.5	88
7	An Efficient and Provably Secure ECC-Based Conditional Privacy-Preserving Authentication for Vehicle-to-Vehicle Communication in VANETs. IEEE Transactions on Vehicular Technology, 2021, 70, 1278-1291.	3.9	64
8	Multiscale and Direction Target Detecting in Remote Sensing Images via Modified YOLO-v4. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 1039-1048.	2.3	57
9	Internet of things â€" smart traffic management system for smart cities using big data analytics. , 2017, , .		48
10	Evaluating the Performance of ResNet Model Based on Image Recognition. , 2018, , .		42
11	Secure largeâ€scale Eâ€voting system based on blockchain contract using a hybrid consensus model combined with sharding. ETRI Journal, 2021, 43, 357-370.	1.2	42
12	Malicious Code Detection based on Image Processing Using Deep Learning. , 2018, , .		36
13	75% efficient wide bandwidth grating couplers in a 45 nm microelectronics CMOS process. , 2015, , .		27
14	Research on Data Mining of Permission-Induced Risk for Android IoT Devices. Applied Sciences (Switzerland), 2019, 9, 277.	1.3	26
15	Efficient and Deep Vehicle Re-Identification Using Multi-Level Feature Extraction. Applied Sciences (Switzerland), 2019, 9, 1291.	1.3	23
16	A Survey of Blockchain Based on E-voting Systems. , 2019, , .		23
17	Trends in Vehicle Re-Identification Past, Present, and Future: A Comprehensive Review. Mathematics, 2021, 9, 3162.	1.1	17
18	Adaptive Wavelet Based MRI Brain Image De-noising. Frontiers in Neuroscience, 2020, 14, 728.	1.4	16

#	Article	IF	Citations
19	Malicious URL detection using multi-layer filtering model. , 2017, , .		15
20	A Federated Learning Approach for Privacy Protection in Context-Aware Recommender Systems. Computer Journal, 2021, 64, 1016-1027.	1.5	15
21	H3DNN: 3D Deep Learning Based Detection of COVID-19 Virus using Lungs Computed Tomography. , 2020, , .		15
22	A 45nm SOI monolithic photonics chip-to-chip link with bit-statistics-based resonant microring thermal tuning. , 2015, , .		12
23	Evaluating The Performance Of Deep Neural Networks For Health Decision Making. Procedia Computer Science, 2018, 131, 866-872.	1.2	10
24	Visual Features with Spatio-Temporal-Based Fusion Model for Cross-Dataset Vehicle Re-Identification. Electronics (Switzerland), 2020, 9, 1083.	1.8	9
25	A Non-Parametric Multi-Lingual Clustering Model for Temporal Short Text. , 2020, , .		6
26	Analysis of resnet model for malicious code detection. , 2017, , .		5
27	Analyzing and Battling The Emerging Variants Of Covid-19 Using Artificial Neural Network And Blockchain. , 2021, , .		4
28	Blockchain Based Monitoring on Trustless Supply Chain Processes. , 2021, , .		3
29	Elimination of Irrelevant Features and Heart Disease Recognition by Employing Machine Learning Algorithms using Clinical Data. , 2020, , .		3
30	Monolithic silicon photonics in a sub-100nm SOI CMOS microprocessor foundry: progress from devices to systems. , 2015, , .		2
31	Towards Smart Utility Monitoring and Management. , 2019, , .		2
32	Context-Aware Bidirectional Neural Model for Sindhi Named Entity Recognition. Applied Sciences (Switzerland), 2021, 11, 9038.	1.3	2
33	Simple and Efficient Computational Intelligence Strategies for Effective Collaborative Decisions. Future Internet, 2019, 11, 24.	2.4	0
34	Neural Joint Model for Part-of-Speech Tagging and Entity Extraction. , 2021, , .		0