

Yu-Dong Yao

List of Publications by Year in descending order

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190
papers

5,797
citations

101384

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95083

68
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191
all docs

191
docs citations

191
times ranked

4350
citing authors

#	ARTICLE	IF	CITATIONS
1	An Adaptive Cooperation Diversity Scheme With Best-Relay Selection in Cognitive Radio Networks. IEEE Transactions on Signal Processing, 2010, 58, 5438-5445.	3.2	369
2	Modulation Classification Based on Signal Constellation Diagrams and Deep Learning. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 718-727.	7.2	339
3	Deterministic Multiuser Carrier-Frequency Offset Estimation for Interleaved OFDMA Uplink. IEEE Transactions on Communications, 2004, 52, 1585-1594.	4.9	268
4	Opportunistic Spectrum Access in Unknown Dynamic Environment: A Game-Theoretic Stochastic Learning Solution. IEEE Transactions on Wireless Communications, 2012, 11, 1380-1391.	6.1	229
5	Cooperative relay techniques for cognitive radio systems: Spectrum sensing and secondary user transmissions. IEEE Communications Magazine, 2012, 50, 98-103.	4.9	224
6	Breast Cancer Detection Using Extreme Learning Machine Based on Feature Fusion With CNN Deep Features. IEEE Access, 2019, 7, 105146-105158.	2.6	215
7	Spatial-Temporal Opportunity Detection for Spectrum-Heterogeneous Cognitive Radio Networks: Two-Dimensional Sensing. IEEE Transactions on Wireless Communications, 2013, 12, 516-526.	6.1	203
8	Identification of COVID-19 samples from chest X-Ray images using deep learning: A comparison of transfer learning approaches. Journal of X-Ray Science and Technology, 2020, 28, 821-839.	0.7	165
9	Cellular-Base-Station-Assisted Device-to-Device Communications in TV White Space. IEEE Journal on Selected Areas in Communications, 2016, 34, 107-121.	9.7	147
10	Robust Spectrum Sensing With Crowd Sensors. IEEE Transactions on Communications, 2014, 62, 3129-3143.	4.9	117
11	Modulation classification using convolutional Neural Network based deep learning model. , 2017, , .		117
12	A Comprehensive Review for Breast Histopathology Image Analysis Using Classical and Deep Neural Networks. IEEE Access, 2020, 8, 90931-90956.	2.6	117
13	Cooperative Spectrum Sensing in Cognitive Radio Networks in the Presence of the Primary User Emulation Attack. IEEE Transactions on Wireless Communications, 2011, 10, 2135-2141.	6.1	115
14	DeepCervix: A deep learning-based framework for the classification of cervical cells using hybrid deep feature fusion techniques. Computers in Biology and Medicine, 2021, 136, 104649.	3.9	107
15	Cognitive Transmissions with Multiple Relays in Cognitive Radio Networks. IEEE Transactions on Wireless Communications, 2011, 10, 648-659.	6.1	103
16	An Application of Transfer Learning and Ensemble Learning Techniques for Cervical Histopathology Image Classification. IEEE Access, 2020, 8, 104603-104618.	2.6	83
17	Detection and Classification of Pulmonary Nodules Using Convolutional Neural Networks: A Survey. IEEE Access, 2019, 7, 78075-78091.	2.6	82
18	A Survey for Cervical Cytopathology Image Analysis Using Deep Learning. IEEE Access, 2020, 8, 61687-61710.	2.6	77

#	ARTICLE	IF	CITATIONS
19	A comprehensive review of computer-aided whole-slide image analysis: from datasets to feature extraction, segmentation, classification and detection approaches. <i>Artificial Intelligence Review</i> , 2022, 55, 4809-4878.	9.7	77
20	User-Demand-Aware Wireless Network Selection: A Localized Cooperation Approach. <i>IEEE Transactions on Vehicular Technology</i> , 2014, 63, 4492-4507.	3.9	75
21	Segmentation of lung parenchyma in CT images using CNN trained with the clustering algorithm generated dataset. <i>BioMedical Engineering OnLine</i> , 2019, 18, 2.	1.3	73
22	A Survey of Modulation Classification Using Deep Learning: Signal Representation and Data Preprocessing. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2022, 33, 7020-7038.	7.2	71
23	IoT Platform for COVID-19 Prevention and Control: A Survey. <i>IEEE Access</i> , 2021, 9, 49929-49941.	2.6	68
24	Detection performance of chaotic spreading LPI waveforms. <i>IEEE Transactions on Wireless Communications</i> , 2005, 4, 390-396.	6.1	60
25	CVM-Cervix: A hybrid cervical Pap-smear image classification framework using CNN, visual transformer and multilayer perceptron. <i>Pattern Recognition</i> , 2022, 130, 108829.	5.1	56
26	Opportunistic Distributed Space-Time Coding for Decode-and-Forward Cooperation Systems. <i>IEEE Transactions on Signal Processing</i> , 2012, 60, 1766-1781.	3.2	55
27	An effective computer aided diagnosis model for pancreas cancer on PET/CT images. <i>Computer Methods and Programs in Biomedicine</i> , 2018, 165, 205-214.	2.6	52
28	A comprehensive review of image analysis methods for microorganism counting: from classical image processing to deep learning approaches. <i>Artificial Intelligence Review</i> , 2022, 55, 2875-2944.	9.7	52
29	Frequency synchronization for generalized OFDMA uplink. , 0, , .		51
30	Cryptanalysis and improvement in an image encryption scheme using combination of the 1D chaotic map. <i>Nonlinear Dynamics</i> , 2018, 93, 2399-2413.	2.7	51
31	Multiband Spectrum Sensing in Cognitive Radio Networks With Secondary User Hardware Limitation: Random and Adaptive Spectrum Sensing Strategies. <i>IEEE Transactions on Wireless Communications</i> , 2018, 17, 3018-3029.	6.1	49
32	Review of machine learning methods for RNA secondary structure prediction. <i>PLoS Computational Biology</i> , 2021, 17, e1009291.	1.5	48
33	A TDMA-based MAC protocol with cooperative diversity. <i>IEEE Communications Letters</i> , 2010, 14, 542-544.	2.5	47
34	Exploiting User Demand Diversity in Heterogeneous Wireless Networks. <i>IEEE Transactions on Wireless Communications</i> , 2015, 14, 4142-4155.	6.1	47
35	Channel Estimation for One-Bit Multiuser Massive MIMO Using Conditional GAN. <i>IEEE Communications Letters</i> , 2021, 25, 854-858.	2.5	47
36	SVIA dataset: A new dataset of microscopic videos and images for computer-aided sperm analysis. <i>Biocybernetics and Biomedical Engineering</i> , 2022, 42, 204-214.	3.3	45

#	ARTICLE	IF	CITATIONS
37	A Cooperative Sensing Based Cognitive Relay Transmission Scheme Without a Dedicated Sensing Relay Channel in Cognitive Radio Networks. IEEE Transactions on Signal Processing, 2011, 59, 854-858.	3.2	42
38	Improved lung nodule diagnosis accuracy using lung CT images with uncertain class. Computer Methods and Programs in Biomedicine, 2018, 162, 197-209.	2.6	40
39	Liver Tumor Segmentation Based on Multi-Scale Candidate Generation and Fractal Residual Network. IEEE Access, 2019, 7, 82122-82133.	2.6	40
40	GasHisSDB: A new gastric histopathology image dataset for computer aided diagnosis of gastric cancer. Computers in Biology and Medicine, 2022, 142, 105207.	3.9	40
41	Traffic-Aware Online Network Selection in Heterogeneous Wireless Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 381-397.	3.9	39
42	Secure mmWave-Radar-Based Speaker Verification for IoT Smart Home. IEEE Internet of Things Journal, 2021, 8, 3500-3511.	5.5	39
43	Is the aspect ratio of cells important in deep learning? A robust comparison of deep learning methods for multi-scale cytopathology cell image classification: From convolutional neural networks to visual transformers. Computers in Biology and Medicine, 2022, 141, 105026.	3.9	39
44	Deep Learning in Medical Ultrasound Image Analysis: A Review. IEEE Access, 2021, 9, 54310-54324.	2.6	38
45	MAC protocol identification approach for implement smart cognitive radio. , 2012, , .		35
46	Deep CNN models for pulmonary nodule classification: Model modification, model integration, and transfer learning. Journal of X-Ray Science and Technology, 2019, 27, 615-629.	0.7	35
47	Joint Power and Bandwidth Allocation for Energy-Efficient Heterogeneous Cellular Networks. IEEE Transactions on Communications, 2019, 67, 6168-6178.	4.9	34
48	Secrecy Outage Probability Analysis of Friendly Jammer Selection Aided Multiuser Scheduling for Wireless Networks. IEEE Transactions on Communications, 2019, 67, 3482-3495.	4.9	32
49	Energy-Efficiency-Based Optimal Relay Selection Scheme With a BER Constraint in Cooperative Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 191-203.	3.9	31
50	A review on low-dimensional physics-based models of systemic arteries: application to estimation of central aortic pressure. BioMedical Engineering OnLine, 2019, 18, 41.	1.3	31
51	A state-of-the-art survey of object detection techniques in microorganism image analysis: from classical methods to deep learning approaches. Artificial Intelligence Review, 2023, 56, 1627-1698.	9.7	31
52	Identification of COPD From Multi-View Snapshots of 3D Lung Airway Tree via Deep CNN. IEEE Access, 2020, 8, 38907-38919.	2.6	30
53	A vision transformer for emphysema classification using CT images. Physics in Medicine and Biology, 2021, 66, 245016.	1.6	30
54	Outage Probability Analysis of Wireless Relay and Cooperative Networks in Rician Fading Channels with Different K-Factors. , 2009, , .		29

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55	Cooperative Spectrum Sensing With Random Access Reporting Channels in Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 7249-7261.	3.9	28
56	Deep CNN Model Using CT Radiomics Feature Mapping Recognizes EGFR Gene Mutation Status of Lung Adenocarcinoma. Frontiers in Oncology, 2020, 10, 598721.	1.3	26
57	Diversity-Multiplexing Tradeoff in Selective Cooperation for Cognitive Radio. IEEE Transactions on Communications, 2012, 60, 2467-2481.	4.9	25
58	An Enhanced Framework of Generative Adversarial Networks (EF-GANs) for Environmental Microorganism Image Augmentation With Limited Rotation-Invariant Training Data. IEEE Access, 2020, 8, 187455-187469.	2.6	24
59	Brain functional network modeling and analysis based on fMRI: a systematic review. Cognitive Neurodynamics, 2021, 15, 389-403.	2.3	23
60	A State-of-the-Art Review for Gastric Histopathology Image Analysis Approaches and Future Development. BioMed Research International, 2021, 2021, 1-19.	0.9	23
61	Content-based image retrieval with a Convolutional Siamese Neural Network: Distinguishing lung cancer and tuberculosis in CT images. Computers in Biology and Medicine, 2022, 140, 105096.	3.9	23
62	TOD-CNN: An effective convolutional neural network for tiny object detection in sperm videos. Computers in Biology and Medicine, 2022, 146, 105543.	3.9	23
63	Deep learning techniques for tumor segmentation: a review. Journal of Supercomputing, 2022, 78, 1807-1851.	2.4	22
64	Efficient structure-based carrier frequency offset estimation for interleaved OFDMA uplink. , 0, , .		21
65	Performance Evaluation of CDMA Reverse Links With Imperfect Beamforming in a Multicell Environment Using a Simplified Beamforming Model. IEEE Transactions on Vehicular Technology, 2006, 55, 1019-1031.	3.9	21
66	Cognitive-Relay-Based Intercell Interference Cancellation in Cellular Systems. IEEE Transactions on Vehicular Technology, 2010, 59, 1901-1909.	3.9	21
67	An Alzheimers disease related genes identification method based on multiple classifier integration. Computer Methods and Programs in Biomedicine, 2017, 150, 107-115.	2.6	21
68	Cellular Signal Identification Using Convolutional Neural Networks: AWGN and Rayleigh Fading Channels. , 2019, , .		21
69	Cellular System Identification Using Deep Learning: GSM, UMTS and LTE. , 2019, , .		20
70	5G Signal Identification Using Deep Learning. , 2020, , .		20
71	Diastolic Augmentation Index Improves Radial Augmentation Index in Assessing Arterial Stiffness. Scientific Reports, 2017, 7, 5864.	1.6	19
72	BLE Neighbor Discovery Parameter Configuration for IoT Applications. IEEE Access, 2019, 7, 54097-54105.	2.6	19

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73	Spectrum sensing and data transmission tradeoff in cognitive radio networks. , 2010, , .		18
74	Most Active Band (MAB) Attack and Countermeasures in a Cognitive Radio Network. IEEE Transactions on Wireless Communications, 2012, 11, 898-902.	6.1	18
75	Identification of legacy radios in a cognitive radio network using a radio frequency fingerprinting based method. , 2012, , .		17
76	Random, Persistent, and Adaptive Spectrum Sensing Strategies for Multiband Spectrum Sensing in Cognitive Radio Networks With Secondary User Hardware Limitation. IEEE Access, 2017, 5, 14854-14866.	2.6	16
77	Research on Non-Contact Monitoring System for Human Physiological Signal and Body Movement. Biosensors, 2019, 9, 58.	2.3	16
78	A Cognitive Transmission Scheme with the Best Relay Selection in Cognitive Radio Networks. , 2010, , .		15
79	Image Patch-Based Net Water Uptake and Radiomics Models Predict Malignant Cerebral Edema After Ischemic Stroke. Frontiers in Neurology, 2020, 11, 609747.	1.1	15
80	Multi-scale segmentation squeeze-and-excitation UNet with conditional random field for segmenting lung tumor from CT images. Computer Methods and Programs in Biomedicine, 2022, 222, 106946.	2.6	15
81	Throughput performance evaluation of two-tier TDMA for sensor networks. , 2009, , .		14
82	Rician K-Factor Estimation Using Deep Learning. , 2020, , .		14
83	Definition and drivation of level crossing rate and average fade duration in an interference-limited environment. , 0, , .		13
84	User separation and frequency-time synchronization for the uplink of interleaved OFDMA. , 0, , .		13
85	Reverse link capacity of SIR-based power-controlled CDMA systems with antenna arrays. Wireless Communications and Mobile Computing, 2003, 3, 759-772.	0.8	13
86	Blind Decoding Based on Independent Component Analysis for a Massive MIMO Uplink System in Microcell Rician/Rayleigh Fading Channels. IEEE Transactions on Vehicular Technology, 2016, 65, 8322-8330.	3.9	12
87	Primary User Boundary Detection in Cognitive Radio Networks: Estimated Secondary User Locations and Impact of Malicious Secondary Users. IEEE Transactions on Vehicular Technology, 2018, 67, 4577-4588.	3.9	12
88	Integrating Structural and Functional Interhemispheric Brain Connectivity of Gait Freezing in Parkinson's Disease. Frontiers in Neurology, 2021, 12, 609866.	1.1	12
89	EMDS-5: Environmental Microorganism image dataset Fifth Version for multiple image analysis tasks. PLoS ONE, 2021, 16, e0250631.	1.1	12
90	Performance Analysis Models of BLE Neighbor Discovery: A Survey. IEEE Internet of Things Journal, 2021, 8, 8734-8746.	5.5	12

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91	HD-RDS-UNet: Leveraging Spatial-Temporal Correlation Between the Decoder Feature Maps for Lymphoma Segmentation. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 1116-1127.	3.9	12
92	Altered Degree Centrality of Brain Networks in Parkinson's Disease With Freezing of Gait: A Resting-State Functional MRI Study. Frontiers in Neurology, 2021, 12, 743135.	1.1	12
93	Cog-PRMA protocol for CR users sharing a common channel with TDMA primary users. , 2011, , .		11
94	Slotted Aloha for cognitive radio users and its tagged user analysis. , 2012, , .		11
95	Computer-Aided Diagnosis Based on Extreme Learning Machine: A Review. IEEE Access, 2020, 8, 141657-141673.	2.6	11
96	EFNet: evidence fusion network for tumor segmentation from PET-CT volumes. Physics in Medicine and Biology, 2021, 66, 205005.	1.6	11
97	Reverse-Link Capacity of Power-Controlled CDMA Systems With Beamforming. IEEE Transactions on Vehicular Technology, 2004, 53, 1423-1433.	3.9	10
98	An integrated incremental self-organizing map and hierarchical neural network approach for cognitive radio learning. , 2010, , .		10
99	Social welfare maximization for SRSNs using bio-inspired community cooperation mechanism. Science Bulletin, 2012, 57, 125-131.	1.7	10
100	ICA Based Semi-Blind Decoding Method for a Multicell Multiuser Massive MIMO Uplink System in Rician/Rayleigh Fading Channels. IEEE Transactions on Wireless Communications, 2017, 16, 7501-7511.	6.1	10
101	Cascaded Conditional Generative Adversarial Networks With Multi-Scale Attention Fusion for Automated Bi-Ventricle Segmentation in Cardiac MRI. IEEE Access, 2019, 7, 172305-172320.	2.6	10
102	Unsupervised 3D PET-CT Image Registration Method Using a Metabolic Constraint Function and a Multi-Domain Similarity Measure. IEEE Access, 2020, 8, 63077-63089.	2.6	10
103	Analysis of two receiver schemes for interleaved OFDMA uplink. , 0, , .		9
104	Power Adaptation for Multihop Networks With End-to-End BER Requirements. IEEE Transactions on Vehicular Technology, 2010, 59, 3445-3454.	3.9	9
105	MAC protocol classification in a cognitive radio network. , 2010, , .		9
106	Feature-Level Fusion of Finger Vein and Fingerprint Based on a Single Finger Image: The Use of Incompletely Closed Near-Infrared Equipment. Symmetry, 2020, 12, 709.	1.1	9
107	An Optimized Registration Method Based on Distribution Similarity and DVF Smoothness for 3D PET and CT Images. IEEE Access, 2020, 8, 1135-1145.	2.6	9
108	A hierarchical conditional random field-based attention mechanism approach for gastric histopathology image classification. Applied Intelligence, 2022, 52, 9717-9738.	3.3	9

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109	Transmit diversity and linear and decision-feedback equalizations for frequency-selective fading channels. IEEE Transactions on Vehicular Technology, 2003, 52, 1217-1231.	3.9	8
110	Multipath routing in ad hoc networks using directional antennas. , 0, , .		8
111	Secondary User Access Control in Cognitive Radio Networks. IEEE Journal on Selected Areas in Communications, 2016, 34, 2866-2873.	9.7	8
112	Prioritized Secondary User Access Control in Cognitive Radio Networks. IEEE Access, 2018, 6, 11007-11016.	2.6	8
113	Foldover Features for Dynamic Object Behaviour Description in Microscopic Videos. IEEE Access, 2020, 8, 114519-114540.	2.6	8
114	Identification of ISM Band Signals Using Deep Learning. , 2020, , .		8
115	Quantum Bacterial Foraging Optimization: From Theory to MIMO System Designs. IEEE Open Journal of the Communications Society, 2020, 1, 1632-1646.	4.4	8
116	AW-SDRLSE: Adaptive Weighting and Scalable Distance Regularized Level Set Evolution for Lymphoma Segmentation on PET Images. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 1173-1184.	3.9	8
117	Adaptive resource allocation with prioritized handoff in cellular mobile networks under QoS provisioning. , 0, , .		7
118	Investigation of slotted aloha under nakagami fading with synchronized and asynchronous cochannel cells. IEEE Transactions on Vehicular Technology, 2003, 52, 1642-1651.	3.9	7
119	Tagged user approach for finite-user finite-buffer S-Aloha analysis in AWGN and frequency selective fading channels. , 2011, , .		7
120	Less Is Better: Single-Digit Brain Functional Connections Predict T2DM and T2DM-Induced Cognitive Impairment. Frontiers in Neuroscience, 2020, 14, 588684.	1.4	7
121	Estimation of central pulse wave velocity from radial pulse wave analysis. Computer Methods and Programs in Biomedicine, 2022, 219, 106781.	2.6	7
122	A model-based Q-learning scheme for wireless channel allocation with prioritized handoff. , 0, , .		6
123	Evaluation of reverse link performance of a CDMA system with imperfect beamforming. , 0, , .		6
124	Classification of QPSK Signals with Different Phase Noise Levels Using Deep Learning. , 2020, , .		6
125	A Survey of Distributed and Parallel Extreme Learning Machine for Big Data. IEEE Access, 2020, 8, 201247-201258.	2.6	6
126	Finger Vein Image Inpainting With Gabor Texture Constraints. IEEE Access, 2020, 8, 83041-83051.	2.6	6

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127	Finger Vein Image Deblurring Using Neighbors-Based Binary-GAN (NB-GAN). IEEE Transactions on Emerging Topics in Computational Intelligence, 2023, 7, 295-307.	3.4	5
128	Automatic pulmonary ground-glass opacity nodules detection and classification based on 3D neural network. Medical Physics, 2022, 49, 2555-2569.	1.6	5
129	Detection performance of time-hopping ultra-wideband LPI waveforms. , 0, , .		4
130	Outage Probabilities of Wireless Systems with LCMV Beamforming. IEEE Transactions on Wireless Communications, 2007, 6, 3515-3523.	6.1	4
131	A Programmable Optical Filter With Arbitrary Transmittance for Fast Spectroscopic Imaging and Spectral Data Post-Processing. IEEE Access, 2019, 7, 119294-119308.	2.6	4
132	MAC Protocol Identification Using Convolutional Neural Networks. , 2020, , .		4
133	Improving the accuracy and robustness of carotid-femoral pulse wave velocity measurement using a simplified tube-load model. Scientific Reports, 2022, 12, 5147.	1.6	4
134	A CPCH Access Method for Prioritized Services in W-CDMA. IEEE Communications Letters, 2004, 8, 9-11.	2.5	3
135	Random access in a cognitive radio network with slotted Aloha for primary users and CSMA for secondary users. , 2010, , .		3
136	Reporting Channel Design and Analysis in Cooperative Spectrum Sensing for Cognitive Radio Networks. , 2015, , .		3
137	Power allocation optimisation for high throughput with mixed spectrum access based on interference evaluation strategy in cognitive relay networks. IET Communications, 2016, 10, 1428-1435.	1.5	3
138	A surface-enhanced Raman scattering-based probe method for detecting chromogranin A in adrenal tumors. Nanomedicine, 2020, 15, 397-407.	1.7	3
139	QAM Signal Classification and Timing Jitter Identification Based on Eye Diagrams and Deep Learning. , 2021, , .		3
140	Noninvasive estimation of aortic pressure waveform based on simplified Kalman filter and dual peripheral artery pressure waveforms. Computer Methods and Programs in Biomedicine, 2022, 219, 106760.	2.6	3
141	Channel estimation and equalization for space-time block coded systems in frequency selective fading channels. , 0, , .		2
142	Throughput analysis of a class of selective repeat ARQ with multi-copy retransmissions. , 0, , .		2
143	Linear and decision feedback equalizations for space-time block coded systems in frequency selective fading channels. , 0, , .		2
144	An adaptive data transmission scheme for OFDM systems. , 0, , .		2

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145	Outage performance of a hybrid DS/FH spread-spectrum signal in an ISM band. International Journal of Network Management, 2006, 16, 115-129.	1.4	2
146	TDMA for primary users and CSMA for secondary users in a cognitive radio network. , 2010, , .		2
147	Secondary user scheduling in cognitive radio networks with transmit beamforming for interference mitigation. , 2015, , .		2
148	CUDAMPF++: A Proactive Resource Exhaustion Scheme for Accelerating Homologous Sequence Search on CUDA-Enabled GPU. IEEE Transactions on Parallel and Distributed Systems, 2018, 29, 2206-2222.	4.0	2
149	Secondary User Access Control with MassiveMIMO in Cognitive Radio Networks. , 2019, , .		2
150	Programmable hyperspectral microscopy for high-contrast biomedical imaging in a snapshot. Journal of Biomedical Optics, 2020, 25, 1.	1.4	2
151	Modulation Classification in a Multipath Fading Channel Using Deep Learning: 16QAM, 32QAM and 64QAM. , 2021, , .		2
152	An Accurate Segmentation Framework for Static Ultrasound Images of the Gestational Sac. Journal of Medical and Biological Engineering, 2022, 42, 49-62.	1.0	2
153	An Entropy Weighted Nonnegative Matrix Factorization Algorithm for Feature Representation. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 5381-5391.	7.2	2
154	Joint channel estimation and co-channel interference suppression for space-time block coded systems. , 2001, , .		1
155	A CPCH access method for prioritized services. , 0, , .		1
156	Performance evaluation of CPCH with a geometrically-distributed message length in W-CDMA. , 0, , .		1
157	Utilizing beamforming for random access - a cross-layer paradigm. , 0, , .		1
158	Two-Tier Slotted Aloha in Mobile Ad Hoc Networks. , 2007, , .		1
159	Investigations of cross-layer designs for mobile ad hoc networks. , 2007, , .		1
160	Performance Evaluation of Multicarrier CDMA Systems in the Presence of Carrier Frequency Offset with Beamforming Techniques. IEEE Vehicular Technology Conference, 2008, , .	0.2	1
161	Slotted Aloha in a cognitive radio environment with capture effects. , 2009, , .		1
162	Throughput and delay analysis of two-tier slotted Aloha. , 2009, , .		1

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163	A Cooperative Spectrum Sensing Scheme without Dedicated Reporting Channels: Interference Impact on Primary Users. , 2011, , .		1
164	Radio access behavior (RAB) based cognitive radio classification and identification. , 2012, , .		1
165	Recovery Responses of Central Hemodynamics in Basketball Athletes and Controls After the Bruce Test. <i>Frontiers in Physiology</i> , 2020, 11, 593277.	1.3	1
166	Noncontact Heart Rate Measurement Using a Webcam, Based on Joint Blind Source Separation and a Skin Reflection Model: For a Wide Range of Imaging Conditions. <i>Journal of Sensors</i> , 2021, 2021, 1-18.	0.6	1
167	Estimation of coronary artery movement using a non-rigid registration with global-local structure preservation. <i>Computers in Biology and Medicine</i> , 2022, 141, 105125.	3.9	1
168	Finger vein image inpainting using neighbor binary-wasserstein generative adversarial networks (NB-WGAN). <i>Applied Intelligence</i> , 0, , 1.	3.3	1
169	Performance analysis of NAK-based ARQ in correlated-error channels. , 0, , .		0
170	Intersymbol/cochannel interference cancellation for transmit diversity systems in frequency selective fading channels. , 0, , .		0
171	Performance analysis of CPCH-type packet channels for variable-bit-rate applications. , 0, , .		0
172	Fade statistics in an interference-limited environment with Nakagami fading. , 0, , .		0
173	CDMA reverse link capacity with antenna arrays in a multipath fading environment. , 2003, , .		0
174	Slotted ALOHA in multicell and Nakagami fading environment. , 0, , .		0
175	Performance evaluation of 3G CDMA networks with antenna arrays. , 2004, , .		0
176	Error probabilities of CDMA systems with beamforming under different power control schemes. , 0, , .		0
177	Performance analysis of deploying antenna array in 3G CDMA networks. , 0, , .		0
178	Detection performance of LPI waveforms of chaotic spread-spectrum systems with antenna arrays. , 0, , .		0
179	Reverse Link Capacity of CDMA Systems with Imperfect Beamforming Using Different Types of Antenna Arrays. , 0, , .		0
180	Outage probabilities of wireless systems with beamforming. , 0, , .		0

#	ARTICLE	IF	CITATIONS
181	Outage probability of wireless systems with linear and circular antenna arrays in correlated nakagami fading channels. , 0, , .		0
182	Secure chaotic spread-spectrum communication systems. , 0, , .		0
183	Reduced-rate retransmissions for spread-spectrum packet radio multimedia networks. IEEE Transactions on Wireless Communications, 2006, 5, 779-788.	6.1	0
184	Modeling and Performance Evaluation of 3G CDMA Networks with Beamforming. Wireless Personal Communications, 2006, 39, 1-13.	1.8	0
185	Discrete-time analysis of a CPCH access scheme in W-CDMA. IEEE Transactions on Wireless Communications, 2006, 5, 1575-1578.	6.1	0
186	Impacts of different arm structures of reflector IRA: Wire, coplanar plate, and bi-conical arms. , 2009, , .		0
187	Adaptive time division duplexing network with network coding embedded two-way relay. IET Communications, 2014, 8, 2153-2161.	1.5	0
188	Applying matrix factorization in data reconstruction for heart disease patient classification. , 2015, , .		0
189	Exploiting the Security Aspects of Compressive Sampling. Security and Communication Networks, 2018, 2018, 1-1.	1.0	0
190	Visibility Attribute Extraction and Anomaly Detection for Chinese Diagnostic Report Based on Cascade Networks. IEEE Access, 2019, 7, 116402-116412.	2.6	0