

Wei Xiang

List of Publications by Year in descending order

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355
papers

8,900
citations

66343

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60623

81
g-index

361
all docs

361
docs citations

361
times ranked

8680
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimizing Federated Learning With Deep Reinforcement Learning for Digital Twin Empowered Industrial IoT. IEEE Transactions on Industrial Informatics, 2023, 19, 1884-1893.	11.3	34
2	Sea Surface Temperature Forecasting With Ensemble of Stacked Deep Neural Networks. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	17
3	Energy-Aware Coded Caching Strategy Design With Resource Optimization for Satellite-UAV-Vehicle-Integrated Networks. IEEE Internet of Things Journal, 2022, 9, 5799-5811.	8.7	30
4	User-dependent interactive light field video streaming system. Multimedia Tools and Applications, 2022, 81, 1893-1918.	3.9	2
5	Two-Tier Cache-Aided Full-Duplex Hybrid Satellite-Terrestrial Communication Networks. IEEE Transactions on Aerospace and Electronic Systems, 2022, 58, 1753-1765.	4.7	9
6	Modeling and simulating in-memory memristive deep learning systems: An overview of current efforts. Array, 2022, 13, 100116.	4.0	10
7	Learning-based high-efficiency compression framework for light field videos. Multimedia Tools and Applications, 2022, 81, 7527-7560.	3.9	2
8	Integrated Satellite-Terrestrial Networks With Coordinated C-NOMA and Relay Transmission. IEEE Systems Journal, 2022, 16, 5270-5280.	4.6	8
9	Nitrogen prediction in the Great Barrier Reef using finite element analysis with deep neural networks. Environmental Modelling and Software, 2022, 150, 105311.	4.5	3
10	A Low-Complexity Codebook Optimization Scheme for Sparse Code Multiple Access. IEEE Transactions on Communications, 2022, 70, 2451-2463.	7.8	6
11	A Novel Floating High-Voltage Level Shifter with Pre-Storage Technique. Sensors, 2022, 22, 1774.	3.8	0
12	A Deep Learning Model for Network Intrusion Detection with Imbalanced Data. Electronics (Switzerland), 2022, 11, 898.	3.1	71
13	Improved Sine-Tangent chaotic map with application in medical images encryption. Journal of Information Security and Applications, 2022, 66, 103131.	2.5	22
14	MemTorch: An Open-source Simulation Framework for Memristive Deep Learning Systems. Neurocomputing, 2022, 485, 124-133.	5.9	27
15	Contextual User-Centric Task Offloading for Mobile Edge Computing in Ultra-Dense Network. IEEE Transactions on Mobile Computing, 2022, , 1-1.	5.8	4
16	Sediment Prediction in the Great Barrier Reef using Vision Transformer with finite element analysis. Neural Networks, 2022, 152, 311-321.	5.9	9
17	Spatio-Temporal-Frequency Graph Attention Convolutional Network for Aircraft Recognition Based on Heterogeneous Radar Network. IEEE Transactions on Aerospace and Electronic Systems, 2022, 58, 5548-5559.	4.7	3
18	A computationally efficient CNN-LSTM neural network for estimation of blood pressure from features of electrocardiogram and photoplethysmogram waveforms. Knowledge-Based Systems, 2022, 250, 109151.	7.1	9

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19	Digital Twin Based Network Latency Prediction in Vehicular Networks. Electronics (Switzerland), 2022, 11, 2217.	3.1	2
20	A novel explainable neural network for Alzheimer's disease diagnosis. Pattern Recognition, 2022, 131, 108876.	8.1	12
21	A Low-Powered and Highly Selective Trap for Male Aedes (Diptera: Culicidae) Surveillance: The Male Aedes Sound Trap. Journal of Medical Entomology, 2021, 58, 408-415.	1.8	13
22	C++20 Coroutines on Microcontrollers—What We Learned. IEEE Embedded Systems Letters, 2021, 13, 9-12.	1.9	4
23	Internet of Underwater Things and Big Marine Data Analytics—A Comprehensive Survey. IEEE Communications Surveys and Tutorials, 2021, 23, 904-956.	39.4	192
24	Transmit Antenna Selection for Full-Duplex Spatial Modulation Based on Machine Learning. IEEE Transactions on Vehicular Technology, 2021, 70, 10695-10708.	6.3	12
25	A Novel Hybrid Code-Domain Index Modulation. IEEE Communications Letters, 2021, , 1-1.	4.1	1
26	Deep Scattering Network With Fractional Wavelet Transform. IEEE Transactions on Signal Processing, 2021, 69, 4740-4757.	5.3	22
27	Outcomes from international field trials with Male Aedes Sound Traps: Frequency-dependent effectiveness in capturing target species in relation to bycatch abundance. PLoS Neglected Tropical Diseases, 2021, 15, e0009061.	3.0	9
28	Deep Learning Based Multistep Solar Forecasting for PV Ramp-Rate Control Using Sky Images. IEEE Transactions on Industrial Informatics, 2021, 17, 1397-1406.	11.3	84
29	A Coded Distributed Computing Framework for Task Offloading from Multi-UAV to Edge Servers. , 2021, , .		5
30	Determining respiratory rate from photoplethysmogram and electrocardiogram signals using respiratory quality indices and neural networks. PLoS ONE, 2021, 16, e0249843.	2.5	14
31	Designing Aedes (Diptera: Culicidae) Mosquito Traps: The Evolution of the Male Aedes Sound Trap by Iterative Evaluation. Insects, 2021, 12, 388.	2.2	3
32	SeeCucumbers: Using Deep Learning and Drone Imagery to Detect Sea Cucumbers on Coral Reef Flats. Drones, 2021, 5, 28.	4.9	16
33	Precoded Optical Spatial Modulation for Indoor Visible Light Communications. IEEE Transactions on Communications, 2021, 69, 2518-2531.	7.8	4
34	Consensus Forecast of Rainfall Using Hybrid Climate Learning Model. IEEE Internet of Things Journal, 2021, 8, 7270-7278.	8.7	5
35	Anypath Routing Protocol Design via Q-Learning for Underwater Sensor Networks. IEEE Internet of Things Journal, 2021, 8, 8173-8190.	8.7	33
36	Dynamic Energy Dispatch Based on Deep Reinforcement Learning in IoT-Driven Smart Isolated Microgrids. IEEE Internet of Things Journal, 2021, 8, 7938-7953.	8.7	45

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37	CCOS: A Coded Computation Offloading Strategy for Satellite-Terrestrial Integrated Networks. , 2021, , .		1
38	Hybridized neural networks for non-invasive and continuous mortality risk assessment in neonates. Computers in Biology and Medicine, 2021, 134, 104521.	7.0	8
39	Artificial Noise Assisted Secure Transmission for Uplink of Massive MIMO Systems. IEEE Transactions on Vehicular Technology, 2021, 70, 6750-6762.	6.3	8
40	A hybrid neural network for continuous and non-invasive estimation of blood pressure from raw electrocardiogram and photoplethysmogram waveforms. Computer Methods and Programs in Biomedicine, 2021, 207, 106191.	4.7	41
41	Stable isotopes of deep soil water retain long-term evaporation loss on China's Loess Plateau. Science of the Total Environment, 2021, 784, 147153.	8.0	19
42	Deep Adaptive Blending Network for 3D Magnetic Resonance Image Denoising. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 3321-3331.	6.3	4
43	Repair Delay Analysis of Mobile Storage Systems Using Erasure Codes and Relay Cooperation. IEEE Transactions on Vehicular Technology, 2021, 70, 10580-10593.	6.3	2
44	A Novel Occlusion-aware Vote Cost for Light Field Depth Estimation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, PP, 1-1.	13.9	17
45	On Pilot Spoofing Attack in Massive MIMO Systems: Detection and Countermeasure. IEEE Transactions on Information Forensics and Security, 2021, 16, 1396-1409.	6.9	25
46	SAP: An IoT Application Module Placement Strategy Based on Simulated Annealing Algorithm in Edge-Cloud Computing. Journal of Sensors, 2021, 2021, 1-12.	1.1	4
47	Global repair bandwidth cost optimization of generalized regenerating codes in clustered distributed storage systems. IET Communications, 2021, 15, 2469.	2.2	0
48	Improved Time-Frequency Domain Linear Receiver for OFDM-Based OTFS. , 2021, , .		2
49	Asynchronous Coded Caching Strategy With Nonuniform Demands for IoV Networks. , 2021, , .		1
50	Cost Optimal Regenerating Codes Design for Satellite Clustered Distributed Storage System. , 2021, , .		0
51	Doppler Shift Estimation Based Channel Estimation for Orthogonal Time Frequency Space System. , 2021, , .		3
52	Classification of Diabetic Foot Ulcers Using Class Knowledge Banks. Frontiers in Bioengineering and Biotechnology, 2021, 9, 811028.	4.1	16
53	A Novel Adaptive Gradient Compression Approach for Communication-Efficient Federated Learning. , 2021, , .		3
54	A Polar Codes-Based Distributed UEP Scheme for the Internet of Things. Wireless Communications and Mobile Computing, 2021, 2021, 1-10.	1.2	0

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55	Repairable Fountain Coded Storage Systems for Multi-Tier Mobile Edge Caching Networks. IEEE Transactions on Network Science and Engineering, 2020, 7, 2310-2322.	6.4	14
56	Omnidirectional Motion Classification With Monostatic Radar System Using Micro-Doppler Signatures. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 3574-3587.	6.3	60
57	Deep Learning-Based Detection for Moderate-Density Code Multiple Access in IoT Networks. IEEE Communications Letters, 2020, 24, 122-125.	4.1	11
58	\mathbb{N} -Continuous Signaling for GFDM. IEEE Transactions on Communications, 2020, 68, 947-958.	7.8	5
59	Zigzag Decodable Online Fountain Codes With High Intermediate Symbol Recovery Rates. IEEE Transactions on Communications, 2020, 68, 6629-6641.	7.8	9
60	Performance analysis of cooperative NOMA based intelligent mobile edge computing system. China Communications, 2020, 17, 45-57.	3.2	9
61	Training Progressively Binarizing Deep Networks using FPGAs. , 2020, , .		3
62	Optimized Coded Prefetching Scheme in Hierarchical Cache-Enabled Networks. , 2020, , .		3
63	Optimal Energy Allocation Against Denial-of-Service Attack in Cache-enabled Wireless Networks. , 2020, , .		0
64	Continuous and automatic mortality risk prediction using vital signs in the intensive care unit: a hybrid neural network approach. Scientific Reports, 2020, 10, 21282.	3.3	22
65	Novel Short-Time Fractional Fourier Transform: Theory, Implementation, and Applications. IEEE Transactions on Signal Processing, 2020, 68, 3280-3295.	5.3	50
66	Optimization of Data Exchange in 5G Vehicle-to-Infrastructure Edge Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 9376-9389.	6.3	9
67	Performance Analysis and Optimization of Secure Generalized Spatial Modulation. IEEE Transactions on Communications, 2020, 68, 4451-4460.	7.8	10
68	Energy-Efficient Hybrid Precoder With Adaptive Overlapped Subarrays for Large-Array mmWave Systems. IEEE Transactions on Wireless Communications, 2020, 19, 1484-1502.	9.2	23
69	Ergodic Energy Efficiency of mmWave System Considering Insertion Loss Under Dynamic Subarray Architecture. , 2020, , .		2
70	Novel Fractional Wavelet Packet Transform: Theory, Implementation, and Applications. IEEE Transactions on Signal Processing, 2020, 68, 4041-4054.	5.3	22
71	Uplink SCMA with STBC in Fading Channels. , 2020, , .		0
72	Expectation Propagation Aided Frequency Domain Turbo Equalizer for Single-Carrier Spatial Modulation Systems. IEEE Communications Letters, 2020, 24, 1124-1128.	4.1	0

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73	Denoising Higher-Order Moments for Blind Digital Modulation Identification in Multiple-Antenna Systems. IEEE Wireless Communications Letters, 2020, 9, 765-769.	5.0	5
74	Impact of Imperfect Angle Estimation on Spatial and Directional Modulation. IEEE Access, 2020, 8, 7081-7092.	4.2	7
75	Space-Frequency Index Modulation for Combating ICI in Intelligent Mobility Communications. IEEE Access, 2020, 8, 21272-21281.	4.2	1
76	MONET Special Issue on Towards Future Ad Hoc Networks: Technologies and Applications (I). Mobile Networks and Applications, 2020, 25, 756-759.	3.3	1
77	Coded Storage-and-Computation: A New Paradigm to Enhancing Intelligent Services in Space-Air-Ground Integrated Networks. IEEE Wireless Communications, 2020, 27, 44-51.	9.0	21
78	MMSE-based secure precoding in two-way relaying systems. IET Communications, 2020, 14, 3813-3819.	2.2	0
79	Optimal content placement for cache-enabled IoT networks with local channel state information based joint transmission. IET Communications, 2020, 14, 2628-2638.	2.2	3
80	Semisupervised Learning Based on a Novel Iterative Optimization Model for Saliency Detection. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 225-241.	11.3	13
81	Semi-Supervised Salient Object Detection Using a Linear Feedback Control System Model. IEEE Transactions on Cybernetics, 2019, 49, 1173-1185.	9.5	37
82	Multiuser Resource Control With Deep Reinforcement Learning in IoT Edge Computing. IEEE Internet of Things Journal, 2019, 6, 10119-10133.	8.7	50
83	Adaptive Spatial Modulation MIMO Based on Machine Learning. IEEE Journal on Selected Areas in Communications, 2019, 37, 2117-2131.	14.0	70
84	Space-Time Block Coded Rectangular Differential Spatial Modulation: System Design and Performance Analysis. IEEE Transactions on Communications, 2019, 67, 6586-6597.	7.8	14
85	Automatic Gauge Detection via Geometric Fitting for Safety Inspection. IEEE Access, 2019, 7, 87042-87048.	4.2	9
86	SSIM-A Deep Learning Approach for Recovering Missing Time Series Sensor Data. IEEE Internet of Things Journal, 2019, 6, 6618-6628.	8.7	104
87	Hybrid beamforming for downlink multiuser millimetre wave MIMO-OFDM systems. IET Communications, 2019, 13, 1557-1564.	2.2	13
88	Iterative Compensation for Clipping Noise in Spatial Modulation OFDM Systems. IEEE Transactions on Vehicular Technology, 2019, 68, 12422-12426.	6.3	10
89	Hybrid Pre-Coding Based on Minimum SMSE Considering Insertion Loss in mmWave Communications. IEEE Transactions on Communications, 2019, 67, 8707-8724.	7.8	2
90	Approximate Message Passing Detector Based Upon Probability Sorting for Large-Scale GSM Systems. IEEE Transactions on Vehicular Technology, 2019, 68, 9303-9307.	6.3	3

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91	Joint Beam and Resource Allocation in 5G mmWave Small Cell Systems. IEEE Transactions on Vehicular Technology, 2019, 68, 10272-10277.	6.3	27
92	Priori-Aided Detection for Generalized Space-and-Frequency Index Modulation Systems With Multi-Carrier Frequency Offset. IEEE Transactions on Vehicular Technology, 2019, 68, 10330-10334.	6.3	1
93	Waterproof, low-cost, long-battery-life sound trap for surveillance of male Aedes aegypti for rear-and-release mosquito control programmes. Parasites and Vectors, 2019, 12, 417.	2.5	21
94	A Survey of Asynchronous Programming Using Coroutines in the Internet of Things and Embedded Systems. Transactions on Embedded Computing Systems, 2019, 18, 1-21.	2.9	10
95	Enhanced Receive Spatial Modulation Based on Power Allocation. IEEE Journal on Selected Topics in Signal Processing, 2019, 13, 1312-1325.	10.8	15
96	User-priority-based resource allocation for device-to-device communications in 5G underlying cellular networks. IET Communications, 2019, 13, 1016-1024.	2.2	7
97	Fourth Order MCA and Chaos-Based Image Encryption Scheme. IEEE Access, 2019, 7, 66395-66409.	4.2	19
98	Region-of-Interest Compression and View Synthesis for Light Field Video Streaming. IEEE Access, 2019, 7, 41183-41192.	4.2	16
99	Person Identification Using Micro-Doppler Signatures of Human Motions and UWB Radar. IEEE Microwave and Wireless Components Letters, 2019, 29, 366-368.	3.2	59
100	Novel Medical Image Encryption Scheme Based on Chaos and DNA Encoding. IEEE Access, 2019, 7, 36667-36681.	4.2	173
101	Dimension-Deficient Channel Estimation of Hybrid Beamforming Based on Compressive Sensing. IEEE Access, 2019, 7, 13791-13798.	4.2	11
102	Performance of ED-Based Non-Coherent Massive SIMO Systems in Correlated Rayleigh Fading. IEEE Access, 2019, 7, 14058-14069.	4.2	9
103	Complexity Problems Handled by Big Data Technology. Complexity, 2019, 2019, 1-7.	1.6	3
104	Non-Coherent Massive SIMO Systems in ISI Channels: Constellation Design and Performance Analysis. IEEE Systems Journal, 2019, 13, 2252-2263.	4.6	4
105	Joint Computation Offloading and Multiuser Scheduling Using Approximate Dynamic Programming in NB-IoT Edge Computing System. IEEE Internet of Things Journal, 2019, 6, 5345-5362.	8.7	94
106	Uniquely Decodable Codes for Physical-Layer Network Coding in Wireless Cooperative Communications. IEEE Systems Journal, 2019, 13, 3956-3967.	4.6	5
107	Repair Bandwidth Cost of Generalized Regenerating Codes for Clustered Distributed Storage. , 2019, , ,		1
108	QLFR: A Q-Learning-Based Localization-Free Routing Protocol for Underwater Sensor Networks. , 2019, , ,		8

#	ARTICLE	IF	CITATIONS
109	Performance Analysis of Secure GSM Systems for Physical Layer Security. , 2019, , .		4
110	Accelerating Deterministic and Stochastic Binarized Neural Networks on FPGAs Using OpenCL. , 2019, , .		4
111	Adaptive Data Storage System for Mobile Satellite-Terrestrial IoT. , 2019, , .		1
112	Machine learning based optimization for vehicle-to-infrastructure communications. Future Generation Computer Systems, 2019, 94, 488-495.	7.5	12
113	Sparse Code Multiple Access Asynchronous Uplink Multiuser Detection Algorithm. IEEE Transactions on Vehicular Technology, 2019, 68, 5557-5569.	6.3	6
114	Texture-Distortion-Constrained Joint Source-Channel Coding of Multi-View Video Plus Depth-Based 3D Video. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 3326-3340.	8.3	3
115	Unsupervised Domain Adaptation for Micro-Doppler Human Motion Classification via Feature Fusion. IEEE Geoscience and Remote Sensing Letters, 2019, 16, 392-396.	3.1	24
116	Controlling the distributed energy resources under fading channel. , 2019, , 119-126.		0
117	H-infinity-based microgrid state estimations using the IoT sensors. , 2019, , 285-295.		3
118	Underwater Image Restoration Using Color-Line Model. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 907-911.	8.3	75
119	A deep learning method based on convolutional neural network for automatic modulation classification of wireless signals. Wireless Networks, 2019, 25, 3735-3746.	3.0	57
120	A deep learning method based on convolutional neural network for automatic modulation classification of wireless signals. , 2019, 25, 3735.		1
121	Repairable Fountain Codes with Unequal Locality for Heterogeneous D2D Data Storage Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 514-528.	0.3	0
122	Joint Optimization of Energy Consumption and Packet Scheduling for Mobile Edge Computing in Cyber-Physical Networks. IEEE Access, 2018, 6, 15576-15586.	4.2	38
123	Polar codes with the unequal error protection property. Computer Communications, 2018, 123, 116-125.	5.1	12
124	IoT-Based State Estimation for Microgrids. IEEE Internet of Things Journal, 2018, 5, 1345-1346.	8.7	33
125	Power Allocation for Pre-Coding-Aided Spatial Modulation. IEEE Communications Letters, 2018, 22, 1094-1097.	4.1	14
126	Consensus-Based Smart Grid State Estimation Algorithm. IEEE Transactions on Industrial Informatics, 2018, 14, 3368-3375.	11.3	69

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127	Internet of Things Infrastructure for Wireless Power Transfer Systems. IEEE Access, 2018, 6, 19295-19303.	4.2	47
128	A Time- and Energy-Aware Collision Tree Protocol for Efficient Large-Scale RFID Tag Identification. IEEE Transactions on Industrial Informatics, 2018, 14, 2406-2417.	11.3	41
129	Massive MIMO-Assisted Energy Transfer Technology. Springer Briefs in Electrical and Computer Engineering, 2018, , 57-90.	0.5	0
130	Smart grid state estimation and stabilisation. International Journal of Electrical Power and Energy Systems, 2018, 102, 152-159.	5.5	35
131	Hybrid Prefix OFDM Transmission Toward Future Wireless Communications. IEEE Access, 2018, 6, 22341-22352.	4.2	3
132	Monitoring the Smart Grid Incorporating Turbines and Vehicles. IEEE Access, 2018, 6, 45485-45492.	4.2	19
133	Beamformer Design and Utility Optimization for Hybrid Information and Energy Transfer With Massive MIMO. IEEE Systems Journal, 2018, 12, 1981-1992.	4.6	12
134	A Low Complexity Detection Algorithm for Fixed Up-Link SCMA System in Mission Critical Scenario. IEEE Internet of Things Journal, 2018, 5, 3289-3297.	8.7	29
135	Hybridly Connected Structure for Hybrid Beamforming in mmWave Massive MIMO Systems. IEEE Transactions on Communications, 2018, 66, 662-674.	7.8	118
136	An Efficient Bit-Detecting Protocol for Continuous Tag Recognition in Mobile RFID Systems. IEEE Transactions on Mobile Computing, 2018, 17, 503-516.	5.8	49
137	Performance Analysis for the N -Continuous Precoded SM-OFDM System. IEEE Transactions on Vehicular Technology, 2018, 67, 483-493.	6.3	5
138	MMSE-based Detector for Spatial Modulation OFDM Systems with Multiple CFOs. , 2018, , .		3
139	Millimeter Wave Channel Estimation Based on Subspace Fitting. IEEE Access, 2018, 6, 76126-76139.	4.2	5
140	Optimizing spatial healthcare assets with Internet of Things. Health Information Science and Systems, 2018, 6, 11.	5.2	2
141	A Novel No-Reference QoE Assessment Model for Frame Freezing of Mobile Video. Lecture Notes in Computer Science, 2018, , 156-165.	1.3	0
142	Unified Power Allocation for Receive Spatial Modulation Based on Approximate Optimization. IEEE Access, 2018, 6, 49450-49459.	4.2	5
143	Linear Canonical Matched Filter: Theory, Design, and Applications. IEEE Transactions on Signal Processing, 2018, 66, 6404-6417.	5.3	25
144	QAM Signal Transmission Based on Matrix Model in Filter-Bank Multicarrier Systems. IEEE Access, 2018, 6, 63987-63998.	4.2	3

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145	Reliable Energy-Efficient Routing Algorithm for Vehicle-Assisted Wireless Ad-Hoc Networks. , 2018, , ,		1
146	Position and Velocity Estimations of Mobile Device Incorporate GNSS. IEEE Access, 2018, 6, 31141-31147.	4.2	11
147	IoT Communications Network for Wireless Power Transfer System State Estimation and Stabilization. IEEE Internet of Things Journal, 2018, 5, 4142-4150.	8.7	34
148	Directional Modulation With Cooperative Receivers. IEEE Access, 2018, 6, 34992-35000.	4.2	10
149	Lowâ€latency and highâ€reliability performance analysis of relay systems. IET Communications, 2018, 12, 627-633.	2.2	3
150	Soft-Feedback Time-Domain Turbo Equalization for Single-Carrier Generalized Spatial Modulation. IEEE Transactions on Vehicular Technology, 2018, 67, 9421-9434.	6.3	8
151	Performance Analysis of MMSE Pre-Coding Aided Spatial Modulation. IEEE Access, 2018, 6, 44835-44845.	4.2	8
152	Outage Probability Region and Optimal Power Allocation for Uplink SCMA Systems. IEEE Transactions on Communications, 2018, , 1-1.	7.8	6
153	An Interactive Light Field Video System with User-Dependent View Selection and Coding Scheme. Lecture Notes in Computer Science, 2018, , 727-736.	1.3	1
154	Robust Multiview Three-Dimensional Video Communications Based on Distributed Video Coding. IEEE Systems Journal, 2017, 11, 2456-2466.	4.6	5
155	Energy-Efficient Localization and Tracking of Mobile Devices in Wireless Sensor Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 2714-2726.	6.3	82
156	Near-Optimal Cross-Layer Forward Error Correction Using Raptor and RCPC Codes for Prioritized Video Transmission Over Wireless Channels. IEEE Transactions on Circuits and Systems for Video Technology, 2017, 27, 2028-2040.	8.3	8
157	Efficient Compressive Sensing Detectors for Generalized Spatial Modulation Systems. IEEE Transactions on Vehicular Technology, 2017, 66, 1284-1298.	6.3	100
158	Time-Domain $\langle \text{inline-formula} \rangle \langle \text{tex-math notation="LaTeX"} \rangle \langle \text{tex-math} \rangle \langle \text{inline-formula} \rangle$ -Continuous OFDM: System Architecture and Performance Analysis. IEEE Transactions on Vehicular Technology, 2017, 66, 2394-2407.	6.3	4
159	Editorial of ETT Special Issue: emerging topics in device to device communications as enabling technology for 5G systems. Transactions on Emerging Telecommunications Technologies, 2017, 28, e3023.	3.9	0
160	Precoding and Cooperative Jamming in Multi-Antenna Two-Way Relaying Wiretap Systems Without Eavesdropperâ€™s Channel State Information. IEEE Transactions on Information Forensics and Security, 2017, 12, 1309-1318.	6.9	23
161	An Improved Frequency Domain Turbo Equalizer for Single-Carrier Spatial Modulation Systems. IEEE Transactions on Vehicular Technology, 2017, 66, 7568-7572.	6.3	10
162	Adaptive SM-MIMO for mmWave Communications With Reduced RF Chains. IEEE Journal on Selected Areas in Communications, 2017, 35, 1472-1485.	14.0	37

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163	Transmit Antenna Selection Schemes for Spatial Modulation Systems: Search Complexity Reduction and Large-Scale MIMO Applications. IEEE Transactions on Vehicular Technology, 2017, 66, 8010-8021.	6.3	46
164	Space-Time Block Coded Differential Spatial Modulation. IEEE Transactions on Vehicular Technology, 2017, 66, 8821-8834.	6.3	34
165	Secret Key Generation Based on Estimated Channel State Information for TDD-OFDM Systems Over Fading Channels. IEEE Transactions on Wireless Communications, 2017, 16, 5176-5186.	9.2	81
166	Time-Domain Turbo Equalization for Single-Carrier Generalized Spatial Modulation. IEEE Transactions on Wireless Communications, 2017, 16, 5702-5716.	9.2	22
167	Analysis of Packet-Loss-Induced Distortion in View Synthesis Prediction-Based 3D Video Coding. IEEE Transactions on Image Processing, 2017, 26, 2781-2796.	9.8	9
168	Minimum Sum-Mean-Square-Error Frequency-Domain Pre-Coding for Downlink Multi-User MIMO System in the Frequency-Selective Fading Channel. IEEE Transactions on Wireless Communications, 2017, 16, 3573-3589.	9.2	7
169	Clustering Hierarchy Protocol in Wireless Sensor Networks Using an Improved PSO Algorithm. IEEE Access, 2017, 5, 2241-2253.	4.2	129
170	Computationally Efficient Energy Optimization for Cloud Radio Access Networks With CSI Uncertainty. IEEE Transactions on Communications, 2017, 65, 5499-5513.	7.8	8
171	Internet of Things for Smart Healthcare: Technologies, Challenges, and Opportunities. IEEE Access, 2017, 5, 26521-26544.	4.2	771
172	Efficient Detection of Spatial Modulation OFDM Systems With Multiple Carrier Frequency Offsets. IEEE Communications Letters, 2017, 21, 426-429.	4.1	12
173	Multi-Relay Communications in the Presence of Phase Noise and Carrier Frequency Offsets. IEEE Transactions on Communications, 2017, 65, 79-94.	7.8	21
174	Rate control for HEVC based on spatio-temporal context and motion complexity. Multimedia Tools and Applications, 2017, 76, 14035-14053.	3.9	3
175	Downlink Performance of Massive-MIMO Systems Using EVD-Based Channel Estimation. IEEE Transactions on Vehicular Technology, 2017, 66, 3045-3058.	6.3	20
176	Resource Optimization of Wireless Information and Energy Supply Control Systems With Massive MIMO. IEEE Communications Letters, 2017, 21, 2734-2737.	4.1	4
177	IoT Infrastructure and Potential Application to Smart Grid Communications. , 2017, , .		12
178	A Time-Efficient Pair-Wise Collision-Resolving Protocol for Missing Tag Identification. IEEE Transactions on Communications, 2017, 65, 5348-5361.	7.8	13
179	Downlink Small-Cell Base Station Cooperation Strategy in Fractal Small-Cell Networks. , 2017, , .		1
180	Joint texture and depth map coding for error-resilient 3-D video transmission. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
181	Leakage-based hybrid beamforming design for downlink multiuser mmWave MIMO systems. , 2017, , .		4
182	Optimal mode selection and channel coding for 3-D video streaming over the internet. , 2017, , .		1
183	Polar Decomposition Based Hybrid Beamforming Design for mmWave Massive MIMO Systems. , 2017, , .		2
184	Advances in New Signal Processing Techniques for 5G. International Journal of Antennas and Propagation, 2016, 2016, 1-1.	1.2	1
185	Staged Growth Codes: Intermediate Performance and Overhead Analysis. IEEE Communications Letters, 2016, 20, 1503-1506.	4.1	5
186	BER Analysis of Physical-Layer Network Coding in the AWGN Channel With Burst Pulses. IEEE Access, 2016, 4, 9958-9968.	4.2	2
187	An Energy Efficient Clustering Protocol for Lifetime Maximization in Wireless Sensor Networks. , 2016, , .		13
188	Internet of Things Cloud: Architecture and Implementation. IEEE Communications Magazine, 2016, 54, 32-39.	6.1	113
189	Broadband Hybrid Satellite-Terrestrial Communication Systems Based on Cognitive Radio toward 5G. IEEE Wireless Communications, 2016, 23, 96-106.	9.0	288
190	Efficient MAC Mechanisms for Heterogeneous Vehicular Networks. Springer Briefs in Electrical and Computer Engineering, 2016, , 25-46.	0.5	0
191	Big video data for light-field-based 3D telemedicine. IEEE Network, 2016, 30, 30-38.	6.9	40
192	A New Construction of $(k+2, k)$ Minimal Storage Regenerating Code Over \mathbb{F}_q with Optimal Access Property for All Nodes. IEEE Communications Letters, 2016, , 1-1.	4.1	1
193	A novel systematic raptor network coding scheme for Mars-to-Earth relay communications. , 2016, , .		11
194	An Energy-Efficient Routing Algorithm for Software-Defined Wireless Sensor Networks. IEEE Sensors Journal, 2016, 16, 7393-7400.	4.7	115
195	Light Field Multi-View Video Coding With Two-Directional Parallel Inter-View Prediction. IEEE Transactions on Image Processing, 2016, 25, 5104-5117.	9.8	43
196	A Commercial Video-Caching System for Small-Cell Cellular Networks Using Game Theory. IEEE Access, 2016, 4, 7519-7531.	4.2	49
197	Design and Implementation of LPWA-Based Air Quality Monitoring System. IEEE Access, 2016, 4, 3238-3245.	4.2	158
198	An IoT-cloud Based Wearable ECG Monitoring System for Smart Healthcare. Journal of Medical Systems, 2016, 40, 286.	3.6	351

#	ARTICLE	IF	CITATIONS
199	SMDP-Based Radio Resource Allocation Scheme in Software-Defined Internet of Things Networks. IEEE Sensors Journal, 2016, 16, 7304-7314.	4.7	22
200	A Rate-â€œDistortion Optimized Error-Resilient Algorithm for Multi-view Video Coding. Circuits, Systems, and Signal Processing, 2016, 35, 301-323.	2.0	0
201	Big data-driven optimization for mobile networks toward 5G. IEEE Network, 2016, 30, 44-51.	6.9	243
202	Power Allocation for Distributed Antenna Systems in Frequency-Selective Fading Channels. IEEE Transactions on Communications, 2016, 64, 212-222.	7.8	15
203	A Differential ML Combiner for Differential Amplify-and-Forward System in Time-Selective Fading Channels. IEEE Transactions on Vehicular Technology, 2016, 65, 10157-10163.	6.3	3
204	Content- and disparity-adaptive stereoscopic image retargeting. Journal of Modern Optics, 2016, 63, 207-218.	1.3	1
205	Resource Allocation in Heterogeneous Vehicular Networks. Springer Briefs in Electrical and Computer Engineering, 2016, , 47-77.	0.5	0
206	A cross-platform solution for light field based 3D telemedicine. Computer Methods and Programs in Biomedicine, 2016, 125, 103-116.	4.7	11
207	Spectrum Sensing of OFDM Signals in the Presence of Carrier Frequency Offset. IEEE Transactions on Vehicular Technology, 2016, 65, 6798-6803.	6.3	14
208	Improved channel estimation for OFDM system with peak cancellation. , 2015, , .		0
209	Cooperative jamming and power allocation in multi-antenna two-way relaying wiretap systems. , 2015, , .		2
210	Apply Uniquely-Decodable Codes to Multiuser Physical-Layer Network Coding Based on Amplify-and-Forward Criterion. , 2015, , .		4
211	Modeling of packet-loss-induced distortion in 3-D synthesized views. , 2015, , .		0
212	Multihop compute-â€œand-â€œforward for generalised two-â€œway relay channels. Transactions on Emerging Telecommunications Technologies, 2015, 26, 448-460.	3.9	3
213	Heterogeneous Vehicular Networking: A Survey on Architecture, Challenges, and Solutions. IEEE Communications Surveys and Tutorials, 2015, 17, 2377-2396.	39.4	425
214	Distributed rateless coded collaboration for satellite relay networks. , 2015, , .		2
215	Transmission distortion modeling for view synthesis prediction based 3-D video streaming. , 2015, , .		3
216	Disparity Vector Correction for View Synthesis Prediction-Based 3-D Video Transmission. IEEE Transactions on Multimedia, 2015, 17, 1153-1165.	7.2	3

#	ARTICLE	IF	CITATIONS
217	An open source SDR-based NOMA system for 5G networks. IEEE Wireless Communications, 2015, 22, 24-32.	9.0	46
218	Low-complexity transmit antenna selection for spatial modulation. Electronics Letters, 2015, 51, 1548-1550.	1.0	5
219	Research on water-rock (soil) interaction by dynamic tracing method for Huangtupo landslide, Three Gorges Reservoir, PR China. Environmental Earth Sciences, 2015, 74, 557-571.	2.7	21
220	Frame Loss Concealment for Multiview Video Transmission Over Wireless Multimedia Sensor Networks. IEEE Sensors Journal, 2015, 15, 1892-1901.	4.7	43
221	10 Gb/s hetsnets with millimeter-wave communications: access and networking - challenges and protocols. , 2015, 53, 222-231.		111
222	Quality-of-experience assessment and its application to video services in lte networks. IEEE Wireless Communications, 2015, 22, 70-78.	9.0	75
223	Advances on Cloud Computing and Technologies. Mobile Networks and Applications, 2015, 20, 295-296.	3.3	0
224	Pilot Pattern Optimization for Sparse Channel Estimation in OFDM Systems. IEEE Communications Letters, 2015, 19, 1233-1236.	4.1	14
225	Thresholded Smoothed ℓ_0 Norm for Accelerated Sparse Recovery. IEEE Communications Letters, 2015, 19, 953-956.	4.1	4
226	A Low-Complexity Detection Scheme for Differential Spatial Modulation. IEEE Communications Letters, 2015, 19, 1516-1519.	4.1	41
227	Survey of Large-Scale MIMO Systems. IEEE Communications Surveys and Tutorials, 2015, 17, 1738-1760.	39.4	249
228	Dynamic Channel Reservation for Cognitive Radio Networks. , 2015, , .		4
229	Mining Cloud 3D Video Data for Interactive Video Services. Mobile Networks and Applications, 2015, 20, 320-327.	3.3	10
230	Low power wide area machine-to-machine networks: key techniques and prototype. , 2015, 53, 64-71.		154
231	Block-FFT Based OMP for Compressed Channel Estimation in Underwater Acoustic Communications. IEEE Communications Letters, 2015, 19, 1937-1940.	4.1	26
232	An energy- and time-efficient M-ary detecting tree RFID MAC protocol. , 2015, , .		7
233	Performance analysis of device-to-device communications underlying cellular networks. Telecommunication Systems, 2015, 60, 29-41.	2.5	7
234	A novel rate control algorithm for video coding based on fuzzy-PID controller. Signal, Image and Video Processing, 2015, 9, 875-884.	2.7	12

#	ARTICLE	IF	CITATIONS
235	Enhancing secrecy capacity of multi-relay wiretap systems with partial channel state information. International Journal of Communication Systems, 2015, 28, 1847-1861.	2.5	2
236	Error-resilient multi-view video coding using Wyner-Ziv techniques. Multimedia Tools and Applications, 2015, 74, 7957-7982.	3.9	3
237	Energy-Efficient Dual-Iteration Power Allocation for Two-Phase Relay System with Massive Antennas. International Journal of Antennas and Propagation, 2014, 2014, 1-8.	1.2	0
238	Multi-user hybrid analogue/digital beamforming for relatively large-scale antenna systems. IET Communications, 2014, 8, 3038-3049.	2.2	6
239	Complex Gaussian belief propagation algorithms for distributed multicell multiuser MIMO detection with imperfect channel state information. , 2014, , .		1
240	Joint channel, phase noise, and carrier frequency offset estimation in cooperative OFDM systems. , 2014, , .		5
241	Rate-Distortion Optimized Mode Switching for Error-Resilient Multi-View Video Plus Depth Based 3-D Video Coding. IEEE Transactions on Multimedia, 2014, 16, 1797-1808.	7.2	34
242	A novel processing method of the subjective quality evaluation results of stereo video. , 2014, , .		0
243	Complex Gaussian belief propagation algorithms for distributed multicell multiuser MIMO detection. , 2014, , .		0
244	Conditional error rate and combining schemes for hybrid automatic repeat request with M-PSK pulse amplitude modulation. International Journal of Communication Systems, 2014, 27, 1798-1813.	2.5	0
245	Smart Relaying for Selection Combining Based Decode-and-Forward Cooperative Networks. IEEE Communications Letters, 2014, 18, 74-77.	4.1	15
246	Design and Performance Analysis of An Energy-Efficient Uplink Carrier Aggregation Scheme. IEEE Journal on Selected Areas in Communications, 2014, 32, 197-207.	14.0	103
247	Cross-layer optimization for 3-D video transmission over cooperative relay systems. Signal Processing: Image Communication, 2014, 29, 1102-1120.	3.2	1
248	An Adaptive Anti-Collision Protocol for Large-Scale RFID Tag Identification. IEEE Wireless Communications Letters, 2014, 3, 601-604.	5.0	26
249	Generalized Wireless Network Coding Schemes for Multihop Two-Way Relay Channels. IEEE Transactions on Wireless Communications, 2014, 13, 5132-5147.	9.2	10
250	Dynamic downlink aggregation carrier scheduling scheme for wireless networks. IET Communications, 2014, 8, 114-123.	2.2	17
251	OFDM With Interleaved Subcarrier-Index Modulation. IEEE Communications Letters, 2014, 18, 1447-1450.	4.1	215
252	Cooperative jamming and power allocation with untrusted two-way relay nodes. IET Communications, 2014, 8, 2290-2297.	2.2	42

#	ARTICLE	IF	CITATIONS
253	Network-coded rateless coding scheme in erasure multiple-access relay enable communications. IET Communications, 2014, 8, 537-545.	2.2	11
254	Low-Complexity Signal Detection for Generalized Spatial Modulation. IEEE Communications Letters, 2014, 18, 403-406.	4.1	124
255	Landslide susceptibility analysis based on ArcGIS and Artificial Neural Network for a large catchment in Three Gorges region, China. Environmental Earth Sciences, 2014, 72, 1925-1938.	2.7	23
256	Sampling expansion for irregularly sampled signals in fractional Fourier transform domain. , 2014, 34, 74-81.		7
257	Channel, Phase Noise, and Frequency Offset in OFDM Systems: Joint Estimation, Data Detection, and Hybrid Cram�r-Rao Lower Bound. IEEE Transactions on Communications, 2014, 62, 3311-3325.	7.8	65
258	A sampling theorem for the fractional Fourier transform without band-limiting constraints. Signal Processing, 2014, 98, 158-165.	3.7	22
259	Apply Uniquely-Decodable Codes to Multiuser Physical-Layer Network Coding Based on Amplify-and-Forward Criterion. , 2014, , .		0
260	Complex Gaussian belief propagation algorithms for distributed iterative receiver. , 2014, , .		0
261	Inter-cell interference modeling for cellular networks. Telecommunication Systems, 2013, 53, 99-105.	2.5	4
262	Ergodic capacity analysis of spatially modulated systems. China Communications, 2013, 10, 118-125.	3.2	15
263	Cooperative jamming and power allocation in three-phase two-way relaying wiretap systems. , 2013, , .		14
264	Cooperative Jamming and Power Allocation in Two-Way Relaying System with Eavesdropper. , 2013, , .		6
265	Phase noise and carrier frequency offset in OFDM systems: Joint estimation and hybrid Cram�r-Rao lower bound. , 2013, , .		4
266	Error probability of OFDM-based hybrid relay protocols over wideband fading channels. , 2013, , .		0
267	Power allocation of distributed space-frequency coding for OFDM-based hybrid relay selection. , 2013, , .		0
268	Performance Optimization of Digital Spectrum Analyzer With Gaussian Input Signal. IEEE Signal Processing Letters, 2013, 20, 31-34.	3.6	10
269	Secrecy Capacity Enhancement With Distributed Precoding in Multirelay Wiretap Systems. IEEE Transactions on Information Forensics and Security, 2013, 8, 229-238.	6.9	39
270	A Graph-Based Cooperative Scheduling Scheme for Vehicular Networks. IEEE Transactions on Vehicular Technology, 2013, 62, 1450-1458.	6.3	72

#	ARTICLE	IF	CITATIONS
271	Multiuser hybrid analog/digital beamforming for relatively large-scale antenna arrays. , 2013, , .		7
272	Symbol Detection with Network Coding in Wireless Channels. IEEE Communications Letters, 2013, 17, 1528-1531.	4.1	1
273	Trade-off optimization for scalable video coding streaming in relay-based OFDMA networks. China Communications, 2013, 10, 99-113.	3.2	1
274	Error-resilient multi-view video coding for next generation 3-D video broadcasting. , 2013, , .		1
275	ETT special issue on "Quality of Experience in Wireless Multimedia Systems"™. Transactions on Emerging Telecommunications Technologies, 2013, 24, 257-258.	3.9	0
276	Generalized Compute-and-Forward Schemes for Multi-Hop Two-Way Relay Channels. , 2013, , .		2
277	On antenna calibration for the TDD-based network MIMO system. , 2013, , .		2
278	Joint subcarrier pairing and resource allocation for adaptive hybrid relay protocol in OFDM systems. , 2013, , .		0
279	An efficient unequal error protection scheme for 3-D video transmission. , 2013, , .		14
280	Performance analysis of cooperative virtual multiple-input-multiple-output in small-cell networks. IET Communications, 2013, 7, 1729-1738.	2.2	2
281	Advanced Antenna Technologies in the Beyond IMT-Advanced Systems. International Journal of Antennas and Propagation, 2013, 2013, 1-2.	1.2	2
282	Generalized Analysis on Diversity-Multiplexing Trade-off of Relay Protocols. Applied Mathematics and Information Sciences, 2013, 7, 511-517.	0.5	0
283	Outage probability of unequal block-based OFDM Amplify-and-Forward relay protocol over wideband channels. , 2012, , .		2
284	Distributed space-frequency coding for OFDM-based hybrid relay selection. , 2012, , .		1
285	Analysis of Conditional Error Rate and Combining Schemes in HARQ. IEEE Transactions on Signal Processing, 2012, 60, 2677-2682.	5.3	11
286	A new queue-status resource allocation scheme for backhaul link in relay enhanced networks. , 2012, , .		2
287	A novel unequal error protection scheme for 3-D video transmission over cooperative MIMO-OFDM systems. Eurasip Journal on Wireless Communications and Networking, 2012, 2012, .	2.4	7
288	Color plus depth 3-D video transmission with hierarchical 16-QAM. , 2012, , .		2

#	ARTICLE	IF	CITATIONS
289	Outage Performance for Compute-and-Forward in Generalized Multi-Way Relay Channels. IEEE Communications Letters, 2012, 16, 2099-2102.	4.1	42
290	Unequal error protection scheme based hierarchical 16-QAM for 3-D video transmission. IEEE Transactions on Consumer Electronics, 2012, 58, 731-738.	3.6	23
291	A novel UEP scheme based upon rateless codes. , 2012, , .		4
292	Analysis of Unitary Distributed Spatial-Temporal Precoding in MIMO Relay Systems. , 2012, , .		0
293	Joint multi-user precoding in multi-relay systems. , 2012, , .		0
294	Best relays selection method for error-resilient 3-D video transmission. , 2012, , .		3
295	A Novel QoE-Based Carrier Scheduling Scheme in LTE-Advanced Networks with Multi-Service. , 2012, , .		15
296	A novel scheduling scheme for finite buffer service in time-varying channels. , 2012, , .		0
297	High Performance Micro CO Sensors Based on ZnO-SnO ₂ Composite Nanofibers with Anti-Humidity Characteristics. Chinese Physics Letters, 2012, 29, 120702.	3.3	7
298	New research progress on the pre-Sinian tectonic evolution and neotectonics of the Huangling anticline region, South China. Journal of Earth Science (Wuhan, China), 2012, 23, 639-647.	3.2	8
299	Diversity analysis of two-way MIMO relaying system based on zero-forcing. , 2012, , .		1
300	Improved Wideband Precoding with Arbitrary Subcarrier Grouping in MIMO-OFDM Systems. ETRI Journal, 2012, 34, 9-16.	2.0	6
301	Radio resource allocation in LTE-advanced cellular networks with M2M communications. , 2012, 50, 184-192.		281
302	Two-Symbol FPGA Architecture for Fast Arithmetic Encoding in JPEG 2000. Journal of Signal Processing Systems, 2012, 69, 213-224.	2.1	7
303	Landslide reliability analysis based on transfer coefficient method: A case study from Three Gorges Reservoir. Journal of Earth Science (Wuhan, China), 2012, 23, 187-198.	3.2	14
304	From the area to the point-study on the key technology of 3D geological hazard modeling in Three Gorges Reservoir area. Journal of Earth Science (Wuhan, China), 2012, 23, 199-206.	3.2	6
305	Research on the distribution of major metal elements in the typical landslide soil of the Three Gorges Reservoir area. Journal of Earth Science (Wuhan, China), 2012, 23, 207-212.	3.2	2
306	A Novel Relay Scheme for the Asymmetry Multiple Access Relay Channel. Journal of Nanoelectronics and Optoelectronics, 2012, 7, 209-215.	0.5	0

#	ARTICLE	IF	CITATIONS
307	Distributed Queue Information Based Scheduling Scheme for Relay Systems with Wireless Backhaul Link. Advanced Science Letters, 2012, 11, 253-257.	0.2	0
308	Influence of Beamforming on Interference Distribution of Wireless Network. Advanced Science Letters, 2012, 11, 148-153.	0.2	0
309	Precoder Distribution and Adaptive Codebook in Wideband Precoding. ETRI Journal, 2012, 34, 655-665.	2.0	2
310	Channel Distortion Modeling for Multi-View Video Transmission Over Packet-Switched Networks. IEEE Transactions on Circuits and Systems for Video Technology, 2011, 21, 1679-1692.	8.3	29
311	A Novel Image Compressive Sensing Method Based on Complex Measurements. , 2011, , .		1
312	Proportional fair-based in-cell routing for relay-enhanced cellular networks. , 2011, , .		2
313	Cooperative Relay Selection Based UEP Scheme for 3D Video Transmission over Rayleigh Fading Channel. , 2011, , .		4
314	Prioritized 3-D Video Transmission over Cooperative MIMO-OFDM Systems. , 2011, , .		2
315	Outage performance of analog network coding in generalized two-way multi-hop networks. , 2011, , .		5
316	Performance analysis for coded cooperative multiple-relay in distributed turbo channels. , 2011, , .		1
317	Outage Analysis of Non-Regenerative Analog Network Coding for Two-Way Multi-Hop Networks. IEEE Communications Letters, 2011, 15, 662-664.	4.1	13
318	Approximate inter-cell interference modeling for cellular network. Journal of China Universities of Posts and Telecommunications, 2011, 18, 75-79.	0.8	2
319	Face detection based on skin color modeling and modified Hausdorff distance. , 2011, , .		4
320	Wireless sensor home automation networks based upon Sun SPOT. , 2011, , .		0
321	Analysis on the impact of antenna gain mismatch on precoding vector. , 2011, , .		0
322	Antenna Gain Mismatch Calibration for Cooperative Base Stations. , 2011, , .		3
323	Outage Probability Analysis of Coded Cooperation with Multiple Relays. , 2011, , .		10
324	A novel selection incremental relaying strategy for cooperative networks. , 2011, , .		7

#	ARTICLE	IF	CITATIONS
325	Proportional Fair Resource Partition for LTE-Advanced Networks with Type I Relay Nodes. , 2011, , .		21
326	Semi-Distributed Relay Selection Algorithm for Multi-User Cooperative Wireless Networks. Journal of Networks, 2011, 6, .	0.4	4
327	Land use change and causes in the Xiangxi catchment, Three Gorges Area derived from multispectral data. Journal of Earth Science (Wuhan, China), 2010, 21, 846-855.	3.2	49
328	Theory and practice of ionic soil stabilizer reinforcing special clay. Journal of Earth Science (Wuhan,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.2	22
329	Iterative decision feedback equalizer with cyclic detection for DFT-S OFDM system. Computers and Electrical Engineering, 2010, 36, 789-801.	4.8	2
330	HVS-Based Quality Assessment Metrics for 3-D Images. , 2010, , .		3
331	Design of a wireless portable vibration acquisition and analysis instrument. , 2010, , .		0
332	Modeling of Transmission Distortion for Multi-View Video in Packet Lossy Networks. , 2010, , .		1
333	An FPGA-based fast two-symbol processing architecture for JPEG 2000 arithmetic coding. , 2010, , .		8
334	The design and investigation of model based internal model control for the regulation of hypnosis. , 2010, , .		1
335	The exposed area analysis of Barrage-type Jamming to Bistatic SAR. , 2010, , .		7
336	Joint Power Allocation and Best-Relay Positioning for Incremental Selection Amplify-and-Forward Relaying. , 2010, , .		2
337	Soft Incremental Redundancy for Distributed Turbo Product Codes. , 2010, , .		5
338	Performance of User Cooperation and Clustering Scheme in Cellular Networks. , 2010, , .		2
339	Generalised spatial modulation with multiple active transmit antennas. , 2010, , .		141
340	Physical layer multicasting over 2-hop network using dual amplify and forward relay. , 2010, , .		1
341	Error resilience performance evaluation of H.264 I-frame and JPWL for wireless image transmission. , 2010, , .		2
342	Error resilience analysis of wireless image transmission using JPEG, JPEG 2000 and JPWL. , 2009, , .		2

#	ARTICLE	IF	CITATIONS
343	Multicast based Dual Amplify and Forward relay scheme for 2-hop networks. , 2009, , .		0
344	Forward Error Correction-Based 2-D Layered Multiple Description Coding for Error-Resilient H.264 SVC Video Transmission. IEEE Transactions on Circuits and Systems for Video Technology, 2009, 19, 1730-1738.	8.3	35
345	Pulse Shaping in MIMO COFDM over Rayleigh Fading Channels. , 2009, , .		1
346	A Prototype Biometric Security Authentication System Based upon Fingerprint Recognition. Lecture Notes in Computer Science, 2009, , 264-272.	1.3	2
347	Self-adapting Cyclic Delay Diversity System. Lecture Notes in Computer Science, 2009, , 547-554.	1.3	0
348	Model-Based Networked Control System stability based on packet drop distributions. , 2008, , .		1
349	Exit chart analysis of parallel data convolutional codes. , 2005, , .		0
350	On the capacity and normalization of ISI channels. IEEE Transactions on Information Theory, 2003, 49, 2263-2268.	2.4	25
351	Unequal error protection applied to JPEG image transmission using turbo codes. , 0, , .		15
352	Iterative decoding of JPEG coded images with channel coding. , 0, , .		5
353	A New Class of Parallel Data Convolutional Codes. , 0, , .		1
354	2-D Scalable Multiple Description Coding for Robust H.264/SVC Video Communications. Advances in Multimedia and Interactive Technologies Book Series, 0, , 39-57.	0.2	0
355	PVC-STIM: Perceptual video coding based on spatio-temporal influence map. Signal, Image and Video Processing, 0, , 1.	2.7	1