Jun Yan

List of Publications by Year
in descending order

261 papers	4,454 citations	117453 34 h-index	133063 59 g-index
261 all docs	261 docs citations	261 times ranked	2934 citing authors

#	Article	IF	Citations
1	Multiple Binocular Cameras-Based Indoor Localization Technique Using Deep Learning and Multimodal Fusion. IEEE Sensors Journal, 2022, 22, 1597-1608.	2.4	3
2	Copula-Based Modeling of RIS-Assisted Communications: Outage Probability Analysis. IEEE Communications Letters, 2022, 26, 1524-1528.	2.5	3
3	Performance Analysis for Rate Splitting Uplink NOMA Transmission in High Throughput Satellite Systems. IEEE Wireless Communications Letters, 2022, 11, 816-820.	3.2	14
4	Achieving Secrecy Energy Efficiency Fairness in UAV-Enabled Multi-User Communication Systems. IEEE Wireless Communications Letters, 2022, 11, 918-922.	3.2	5
5	CSI Fingerprinting for Device-Free Localization: Phase Calibration and SSIM-Based Augmentation. IEEE Wireless Communications Letters, 2022, 11, 1137-1141.	3.2	6
6	Beamforming Design and Performance Analysis for Satellite and UAV Integrated Networks in IoRT Applications. IEEE Internet of Things Journal, 2022, 9, 14965-14977.	5.5	13
7	Robust Secure Energy Efficient Beamforming for mmWave UAV Communications With Jittering. IEEE Communications Letters, 2022, 26, 1638-1642.	2.5	7
8	Combined Robust Beamforming With Uplink RSMA for Multibeam Satellite Systems. IEEE Transactions on Vehicular Technology, 2022, 71, 10167-10172.	3.9	4
9	Hybrid Multiple Access Transmission in Satellite-Aerial-Terrestrial Networks. IEEE Communications Letters, 2022, 26, 2146-2150.	2.5	1
10	Secure Beamforming for Cognitive Satellite Terrestrial Networks With Unknown Eavesdroppers. IEEE Systems Journal, 2021, 15, 2186-2189.	2.9	79
11	Secure and Energy Efficient Transmission for RSMA-Based Cognitive Satellite-Terrestrial Networks. IEEE Wireless Communications Letters, 2021, 10, 251-255.	3.2	137
12	An ELM-Based Semi-Supervised Indoor Localization Technique With Clustering Analysis and Feature Extraction. IEEE Sensors Journal, 2021, 21, 3635-3644.	2.4	8
13	Robust Secure Beamforming for Wireless Powered Cognitive Satellite-Terrestrial Networks. IEEE Transactions on Cognitive Communications and Networking, 2021, 7, 567-580.	4.9	62
14	Speech Enhancement With Phase Sensitive Mask Estimation Using a Novel Hybrid Neural Network. IEEE Open Journal of Signal Processing, 2021, 2, 136-150.	2.3	8
15	Secrecy Energy Efficiency in Full-Duplex AF Relay Systems With Untrusted Energy Harvesters. IEEE Communications Letters, 2021, 25, 3493-3497.	2.5	3
16	Topological Interference Management With Inaccurate Topology of Network. IEEE Communications Letters, 2021, 25, 3724-3728.	2.5	4
17	A Data Preprocessing Method for Deep Learning-Based Device-Free Localization. IEEE Communications Letters, 2021, 25, 3868-3872.	2.5	8
18	Atomic Norm-Based DOA Estimation with Sum and Difference Co-arrays in Coexistence of Circular and Non-circular Signals. Circuits, Systems, and Signal Processing, 2021, 40, 5033-5053.	1.2	2

#	ARTICLE	IF	CITATIONS
19	Performance analysis for the forward link of multiuser satellite communication systems. International Journal of Satellite Communications and Networking, 2021, 39, 560-569.	1.2	3
20	CAUNet: Context-Aware U-Net for Speech Enhancement in Time Domain. , 2021, , .		7
21	A Novel Low-Complexity Attention-Driven Composite Model for Speech Enhancement. , 2021, , .		2
22	On the ergodic sum rate for multisource multidestination unmanned aerial vehicle relaying. Transactions on Emerging Telecommunications Technologies, 2021, 32, e4294.	2.6	1
23	Multimodal CNN Fusion Architecture with Multi-Features for Heart Sound Classification. , 2021, , .		6
24	Constrained Tensor Decomposition-Based Hybrid Beamforming for Mmwave Massive MIMO-OFDM Communication Systems. IEEE Transactions on Vehicular Technology, 2021, 70, 5775-5788.	3.9	15
25	Extreme Learning Machine and AdaBoost-Based Localization Using CSI and RSSI. IEEE Communications Letters, 2021, 25, 1906-1910.	2.5	14
26	Outage of NOMA-based Hybrid Satellite-Terrestrial Relay Networks with Switch-and-Stay Combining. , 2021, , .		0
27	Robust Beamforming for Enhancing Security in Multibeam Satellite Systems. IEEE Communications Letters, 2021, 25, 2161-2165.	2.5	9
28	Robust Beamforming and Outage Performance of Uplink Multiuser Satellite-Aerial-Terrestrial Networks With Mixed RF-FSO Channels. IEEE Photonics Journal, 2021, 13, 1-8.	1.0	8
29	Secrecy-Energy Efficient Hybrid Beamforming for Satellite-Terrestrial Integrated Networks. IEEE Transactions on Communications, 2021, 69, 6345-6360.	4.9	133
30	A CNN Architecture for Learning Device Activity From MMV. IEEE Communications Letters, 2021, 25, 2933-2937.	2.5	4
31	Extreme Learning Machine for Accurate Indoor Localization Using RSSI Fingerprints in Multifloor Environments. IEEE Internet of Things Journal, 2021, 8, 14623-14637.	5.5	15
32	DNN-Based Calibrated-Filter Models for Speech Enhancement. Circuits, Systems, and Signal Processing, 2021, 40, 2926-2949.	1.2	4
33	Device-Free Activity Detection and Wireless Localization Based on CNN Using Channel State Information Measurement. IEEE Sensors Journal, 2021, 21, 24482-24494.	2.4	10
34	Doubly Selective Channel Estimation Algorithms for Millimeter Wave Hybrid MIMO Systems. IEEE Transactions on Vehicular Technology, 2021, 70, 12821-12835.	3.9	5
35	Sparse vs. Dense Signatures for Grant-Free NOMA with Deep Learning Based Activity Detection. , 2021, , .		0
36	Active User Detection and Data Recovery for Quasi-Asynchronous Grant-Free Random Access. , 2021, , .		2

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37	Beamforming and Power Allocation in NOMA-Based Multibeam Satellite Systems with Outage Constraint. , 2021, , .		2
38	A gridless one-step method for mixed far-field and near-field sources localization. , 2020, 104, 102784.		8
39	DOA Estimation for Coexistence of Circular and Non-Circular Signals Based on Atomic Norm Minimization. , 2020, , .		3
40	A Second-Order Statistics-Based Mixed Sources Localization Method With Symmetric Sparse Arrays. IEEE Communications Letters, 2020, 24, 1695-1699.	2.5	7
41	All-ConvNet: A Lightweight All CNN for Neuromuscular Activity Recognition Using Instantaneous High-Density Surface EMG Images. , 2020, , .		1
42	Genetic Algorithm Optimized Support Vector Machine in NOMA-based Satellite Networks with Imperfect CSI. , 2020, , .		3
43	A hybrid speech enhancement system with DNN based speech reconstruction and Kalman filtering. Multimedia Tools and Applications, 2020, 79, 32643-32663.	2.6	2
44	Learningâ€based design of random measurement matrix for compressed sensing with interâ€column correlation using copula function. IET Signal Processing, 2020, 14, 385-395.	0.9	4
45	Stochastic Geometry Based Performance Characterization of SWIPT in Cell-Free Massive MIMO. IEEE Transactions on Vehicular Technology, 2020, 69, 13357-13370.	3.9	13
46	3-D Mixed Far-Field and Near-Field Sources Localization With Cross Array. IEEE Transactions on Vehicular Technology, 2020, 69, 6833-6837.	3.9	24
47	Robust Hybrid Beamforming for Satellite-Terrestrial Integrated Networks. , 2020, , .		4
48	Atomic Norm Based Localization of Far-Field and Near-Field Signals with Generalized Symmetric Arrays. , 2020, , .		3
49	Single Far-Field or Near-Field Source Localization With Sparse or Uniform Cross Array. IEEE Transactions on Vehicular Technology, 2020, 69, 9135-9139.	3.9	20
50	Performance Analysis of Hybrid Satellite-Terrestrial Cooperative Networks With Relay Selection. IEEE Transactions on Vehicular Technology, 2020, 69, 9053-9067.	3.9	67
51	Gridless Mixed Sources Localization Based on Low-Rank Matrix Reconstruction. IEEE Wireless Communications Letters, 2020, 9, 1748-1752.	3.2	6
52	Site-specific real-time GPS multipath mitigation based on coordinate time series window matching. GPS Solutions, 2020, 24, 1.	2.2	18
53	Performance Analysis of Adaptive Modulation for Millimeter Wave Cellular Systems. , 2020, , .		1
54	Artificial-Noise-Aided Energy-Efficient Secure Beamforming for Multi-Eavesdroppers in Cognitive Radio Networks. IEEE Systems Journal, 2020, 14, 3801-3812.	2.9	14

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55	Multiuser Scheduling for Asymmetric FSO/RF Links in Satellite-UAV-Terrestrial Networks. IEEE Wireless Communications Letters, 2020, 9, 1235-1239.	3.2	71
56	Accurate DOA Estimation With Adjacent Angle Power Difference for Indoor Localization. IEEE Access, 2020, 8, 44702-44713.	2.6	22
57	Optimal transceiver design for energy harvesting two-way relay networks. IET Communications, 2020, 14, 3388-3393.	1.5	6
58	Image Based Localization Algorithm Using Similarity Measurements and Back-Propagation Neural Network. , 2020, , .		0
59	Outage Performance of Downlink Coordinated Direct and Relay Transmission with NOMA over Nakagami-m Fading Channels. , 2020, , .		0
60	An $\ell_p \ell_p$-norm Based Method for Off-grid DOA Estimation. Circuits, Systems, and Signal Processing, 2019, 38, 904-917.	1.2	10
61	Outage Performance of Integrated Satellite-Terrestrial Relay Networks with Opportunistic Scheduling. , 2019, , .		8
62	NOMA-based cooperative relaying for secondary transmission in cognitive radio networks. IET Communications, 2019, 13, 1840-1851.	1.5	13
63	Abnormality Detection in Musculoskeletal Radiographs Using Capsule Network. IEEE Access, 2019, 7, 81494-81503.	2.6	30
64	Robust Multi-Objective Beamforming for Integrated Satellite and High Altitude Platform Network With Imperfect Channel State Information. IEEE Transactions on Signal Processing, 2019, 67, 6384-6396.	3.2	41
65	Optimal Power Allocation Strategy for Multi-target Wireless Wideband Localization System via Genetic Algorithm. , 2019, , .		0
66	Visual Tracking Via Multi-Layer Factorized Correlation Filter. IEEE Signal Processing Letters, 2019, 26, 1763-1767.	2.1	1
67	An Adaptive Approach for the Joint Antenna Selection and Beamforming Optimization. IEEE Access, 2019, 7, 99017-99030.	2.6	14
68	A Deep Neural Network Based Kalman Filter for Time Domain Speech Enhancement. , 2019, , .		18
69	A Fully Convolutional Neural Network for Complex Spectrogram Processing in Speech Enhancement. , 2019, , .		35
70	Robust Secure Beamforming for Multibeam Satellite Communication Systems. IEEE Transactions on Vehicular Technology, 2019, 68, 6202-6206.	3.9	53
71	Error Analysis on Indoor Localization with Visible Light Communication. Remote Sensing, 2019, 11, 427.	1.8	4
72	Recurrent Neural Network-Based Dictionary Learning for Compressive Speech Sensing. Circuits, Systems, and Signal Processing, 2019, 38, 3616-3643.	1.2	6

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73	Secrecy Energy Efficient Beamforming for Satellite-Terrestrial Coordinated Communication Systems. , 2019, , .		1
74	Outage Performance of Satellite-Aerial-Terrestrial Network. , 2019, , .		1
75	Optimal Altitude of UAV-BS for Minimum Boundary Outage Probability with Imperfect Channel State Information. , 2019, , .		5
76	A Secure Received Signal Strength based Indoor Localization Algorithm Using OS-ELM and Clustering Analysis Technique. , 2019, , .		0
77	A Received Signal Strength Based Indoor Localization Algorithm Using ELM Technique and Ridge Regression. , 2019, , .		2
78	Joint Iterative Training-based Hybrid Precoding and Combining for Millimeter Wave Systems. , 2019, , .		2
79	Joint Beamforming Design for Energy Efficient Wireless Communications in Heterogeneous Intelligent Connected Vehicles Networks. IEEE Access, 2019, 7, 170134-170143.	2.6	3
80	An SBL-Based Coherent Source Localization Method Using Virtual Array Output. IEICE Transactions on Communications, 2019, E102.B, 2151-2158.	0.4	0
81	Stochastic Geometry-Based Modeling and Analysis of Massive MIMO-Enabled Millimeter Wave Cellular Networks. IEEE Transactions on Communications, 2019, 67, 288-301.	4.9	15
82	On the Performance of LMS Communication With Hardware Impairments and Interference. IEEE Transactions on Communications, 2019, 67, 1490-1505.	4.9	82
83	Large System Analysis of Heterogeneous Cellular Networks With Interference Alignment. IEEE Access, 2018, 6, 8148-8160.	2.6	14
84	Energy-Efficient Defensive Strategy Against Hybrid SSDF/Eavesdropping Attacks Over Nakagami-<inline-formula> <tex-math notation="LaTeX">${m}$ </tex-math> </inline-formula> Channels. IEEE Communications Letters, 2018, 22, 856-859.	2.5	4
85	Robust Secure Beamforming for 5G Cellular Networks Coexisting With Satellite Networks. IEEE Journal on Selected Areas in Communications, 2018, 36, 932-945.	9.7	102
86	Distributed-Relay Beamforming for Secrecy Energy Efficiency With Coordinated Eavesdroppers. IEEE Communications Letters, 2018, 22, 1054-1057.	2.5	11
87	A High-Resolution DOA Estimation Method With a Family of Nonconvex Penalties. IEEE Transactions on Vehicular Technology, 2018, 67, 4925-4938.	3.9	64
88	Hybrid Kernel Based Machine Learning Using Received Signal Strength Measurements for Indoor Localization. IEEE Transactions on Vehicular Technology, 2018, 67, 2824-2829.	3.9	50
89	Cluster based statistical feature extraction method for automatic bleeding detection in wireless capsule endoscopy video. Computers in Biology and Medicine, 2018, 94, 41-54.	3.9	19
90	Joint Maximum Likelihood Timing, Frequency Offset, and Doubly Selective Channel Estimation for OFDM Systems. IEEE Transactions on Vehicular Technology, 2018, 67, 2787-2791.	3.9	39

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91	HOG and Pairwise SVMs for Neuromuscular Activity Recognition Using Instantaneous HD-sEMG Images. , 2018, , .		4
92	A Marginalized Particle Filtering-Based Approach for Carrier Frequency Offset and Doubly Selective Channel Estimation in OFDM Systems. , 2018, , .		1
93	Energy Efficient Pilot and Data Power Allocation in Massive MIMO Communication Systems Under Consideration of Circuit Power. , 2018, , .		1
94	Joint DOA and Range Estimation for Mixed Near-Field and Far-Field Strictly Noncircular Sources. , 2018, , .		1
95	Structured Dictionary Learning for Compressive Speech Sensing. , 2018, , .		0
96	Noncircularity-Based Localization for Mixed Near-Field and Far-Field Sources with Unknown Mutual Coupling. , 2018, , .		10
97	Received Signal Strength Based Indoor Localization using ISODATA and MK-ELM Technique. , 2018, , .		2
98	Learning-Based Design of Measurement Matrix with Inter-Column Correlation for Compressive Sensing. , 2018, , .		2
99	A Spatial Filtering Based Gridless DOA Estimation Method for Coherent Sources. IEEE Access, 2018, 6, 56402-56410.	2.6	8
100	Joint Doppler and Channel Estimation with Nested Arrays for Millimeter Wave Communications. , 2018, , .		5
101	NMF-based speech enhancement using multitaper spectrum estimation. , 2018, , .		1
102	Secrecy Performance of Satellite Wiretap Channels With Multi-User Opportunistic Scheduling. IEEE Wireless Communications Letters, 2018, 7, 1054-1057.	3.2	30
103	Joint Beamforming for Secure Communication in Cognitive Satellite Terrestrial Networks. IEEE Journal on Selected Areas in Communications, 2018, 36, 1017-1029.	9.7	126
104	Beamforming for Secure Wireless Information and Power Transfer in Terrestrial Networks Coexisting With Satellite Networks. IEEE Signal Processing Letters, 2018, 25, 1166-1170.	2.1	24
105	Joint Carrier Frequency Offset and Doubly Selective Channel Estimation for MIMO-OFDMA Uplink With Kalman and Particle Filtering. IEEE Transactions on Signal Processing, 2018, 66, 4001-4012.	3.2	28
106	Secrecy performance of hybrid satelliteâ€terrestrial relay networks in the presence of multiple eavesdroppers. IET Communications, 2018, 12, 26-34.	1.5	40
107	Performance Analysis of Dual-Hop MIMO AF Relaying Network With Multiple Interferences. IEEE Transactions on Vehicular Technology, 2017, 66, 1891-1897.	3.9	11
108	Robust Cooperative Secure Beamforming for Simultaneous Wireless Information and Power Transfer in Amplify-and-Forward Relay Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 2354-2366.	3.9	64

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109	Secrecy Energy Efficiency Maximization in Cognitive Radio Networks. IEEE Access, 2017, 5, 2641-2650.	2.6	39
110	A Toeplitz Covariance Matrix Reconstruction Approach for Direction-of-Arrival Estimation. IEEE Transactions on Vehicular Technology, 2017, 66, 8223-8237.	3.9	137
111	Minimax design of orthogonal filter banks with sparse coefficients. , 2017, , .		0
112	ESPRIT-like two-dimensional direction finding for mixed circular and strictly noncircular sources based on joint diagonalization. Signal Processing, 2017, 141, 48-56.	2.1	69
113	Joint diagonalization based 2D DOA estimation for mixed circular and strictly noncircular sources. , 2017, , .		3
114	TAS-Based Incremental Hybrid Decodeâ€"Amplifyâ€"Forward Relaying for Physical Layer Security Enhancement. IEEE Transactions on Communications, 2017, 65, 3876-3891.	4.9	29
115	A new technique for analyzing asymptotic outage performance of diversity over lognormal fading channels. , 2017, , .		3
116	Optimal user node placement for multi-hop FSO broadcasting communications under weak turbulence conditions. , 2017, , .		1
117	Outage performance for the cognitive broadband satellite system and terrestrial cellular network in millimeter wave scenario. , 2017, , .		13
118	A fast covariance matrix reconstruction method for two-dimensional direction-of-arrival estimation. , 2017, , .		3
119	Effect of composite channel aging on the spectral efficiency of multiâ€pair massive multipleâ€input multipleâ€output amplifyâ€andâ€forward relay networks. IET Communications, 2017, 11, 1313-1324.	1.5	1
120	Noise Robust Formant Frequency Estimation Method Based on Spectral Model of Repeated Autocorrelation of Speech. IEEE/ACM Transactions on Audio Speech and Language Processing, 2017, 25, 1357-1370.	4.0	7
121	Performance Analysis for Multi-Pair Massive MIMO AF Relay Networks with ZF Processing. , 2017, , .		0
122	Robust multiâ€feature visual tracking via multiâ€task kernelâ€based sparse learning. IET Image Processing, 2017, 11, 1172-1178.	1.4	13
123	Teager energy operated perceptual wavelet packet transform coefficients for arithmetic task classification from EEG signals. , 2017, , .		2
124	Integer frequency offset detection with reduced complexity in OFDM systems. , 2017, , .		0
125	An Improved Compressive Sensing and Received Signal Strength-Based Target Localization Algorithm with Unknown Target Population for Wireless Local Area Networks. Sensors, 2017, 17, 1246.	2.1	14
126	Optimal relay placement for UAV-assisted wireless regenerative communication system. , 2017, , .		8

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127	VLC Positioning Using Cameras with Unknown Tilting Angles. , 2017, , .		11
128	Energy-efficient pilot and data power allocation in massive MIMO communication systems based on MMSE channel estimation. , 2016, , .		6
129	An alternative minimax design of sparse IIR filters based on L1-norm. , 2016, , .		0
130	Energy Efficient Pilot and Data Power Allocation in Multi-Cell Multi-User Massive MIMO Communication Systems. , 2016, , .		2
131	Compressive sensing based visual tracking using multi-task sparse learning method. , 2016, , .		0
132	Improving secrecy performance via device-to-device jamming in cellular networks. , 2016, , .		2
133	Direction-of-arrival estimation based on Toeplitz covariance matrix reconstruction. , 2016, , .		22
134	A residual error analysis based secure CS approach for malicious node attack. , 2016, , .		0
135	A relay node placement for free space optical communication system under multi-user environments. , 2016, , .		1
136	A visible light communication indoor localization algorithm in rotated environments. , 2016, , .		2
137	Single channel speech enhancement using subband iterative Kalman filter. , 2016, , .		14
138	Improved Coarse Timing Estimation in OFDM Systems Using High-Order Statistics. IEEE Transactions on Communications, 2016, 64, 5239-5253.	4.9	16
139	Energy efficient optimization for physical layer security in cognitive relay networks. , 2016, , .		13
140	Speech dereverberation using linear prediction with estimation of early speech spectral variance. , 2016, , .		1
141	Energyâ€efficient pilot and data power allocation in massive multiâ€user multipleâ€input multipleâ€output communication systems. IET Communications, 2016, 10, 1721-1729.	1.5	4
142	Mobile device orientation estimation using visible light communication system. , 2016, , .		0
143	Energy efficient beamforming for secure communication in cognitive radio networks. , 2016, , .		8
144	On the ergodic capacity of multiple antenna cognitive satellite terrestrial networks. , 2016, , .		20

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145	Secure Transmission in Cognitive Satellite Terrestrial Networks. IEEE Journal on Selected Areas in Communications, 2016, 34, 3025-3037.	9.7	277
146	Efficient Two-Dimensional Direction-of-Arrival Estimation for a Mixture of Circular and Noncircular Sources. IEEE Sensors Journal, 2016, 16, 2527-2536.	2.4	72
147	Adaptive Interference Alignment in Downlink Cellular Networks With Variable Data Rate Demand. IEEE Transactions on Vehicular Technology, 2016, 65, 9192-9208.	3.9	2
148	Outage Performance of Cognitive Hybrid Satellite–Terrestrial Networks With Interference Constraint. IEEE Transactions on Vehicular Technology, 2016, 65, 9397-9404.	3.9	137
149	Direction of Arrival Estimation for Off-Grid Signals Based on Sparse Bayesian Learning. IEEE Sensors Journal, 2016, 16, 2004-2016.	2.4	113
150	Transmit Power Minimization for Two-Way Amplify-and-Forward Relaying With Asymmetric Traffic Requirements. IEEE Transactions on Vehicular Technology, 2016, 65, 9687-9702.	3.9	5
151	Security–Reliability Tradeoff Analysis of Multirelay-Aided Decode-and-Forward Cooperation Systems. IEEE Transactions on Vehicular Technology, 2016, 65, 5825-5831.	3.9	44
152	Pilot Allocation for Distributed-Compressed-Sensing-Based Sparse Channel Estimation in MIMO-OFDM Systems. IEEE Transactions on Vehicular Technology, 2016, 65, 2990-3004.	3.9	77
153	Joint Beamforming and Power Control for Device-to-Device Communications Underlaying Cellular Networks. IEEE Journal on Selected Areas in Communications, 2016, 34, 138-150.	9.7	93
154	An improved GMP based localization algorithm for unknown target population environments. , 2015, , .		1
155	A Data Fusion Scheme for Modified EKF Banks Positioning Algorithm in Mixed LOS/NLOS Conditions. , 2015, , .		0
156	Carrier frequency and sampling rate offsets effect on sub 6 GHz Massive MIMO. , 2015, , .		1
157	Energy efficient power allocation and relay location for asymmetric bi-directional relaying. , 2015, , .		4
158	Real-Valued ESPRIT for two-dimensional DOA estimation of noncircular signals for acoustic vector sensor array. , 2015, , .		4
159	A new algorithm for noise PSD matrix estimation in multi-microphone speech enhancement based on recursive smoothing. , 2015, , .		2
160	Speech enhancement in modulation domain using codebook-based speech and noise estimation. , 2015, , .		1
161	Optimal Energy to Spectral-Efficiency Trade-off in Cooperative Networks. Wireless Personal Communications, 2015, 82, 1547-1566.	1.8	1
162	Joint 2-D DOA Estimation via Sparse L-shaped Array. IEEE Transactions on Signal Processing, 2015, 63, 1171-1182.	3.2	90

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163	Relay-Selection Improves the Security-Reliability Trade-Off in Cognitive Radio Systems. IEEE Transactions on Communications, 2015, 63, 215-228.	4.9	233
164	Speech Enhancement Based on Student <formula formulatype="inline"><tex Notation="TeX">t</tex></formula> Modeling of Teager Energy Operated Perceptual Wavelet Packet Coefficients and a Custom Thresholding Function. IEEE/ACM Transactions on Audio Speech and Language Processing, 2015, 23, 1800-1811.	4.0	19
165	Gridless postprocessing for sparse signal reconstruction based DOA estimation. , 2015, , .		1
166	Performance analysis of interference-limited AF Relay Systems with Antenna Correlation. , 2015, , .		0
167	Transmit power allocation for asymmetric biâ€directional relay networks using channel statistics. IET Communications, 2015, 9, 1649-1660.	1.5	6
168	Robust moving object detection using compressed sensing. IET Image Processing, 2015, 9, 811-819.	1.4	10
169	Video reconstruction using inductive three dimensional sparsity measure. , 2014, , .		0
170	On the performance of hybrid satellite-terrestrial cooperative networks with interferences. , 2014, , .		9
171	Wideband DOA estimation based on multi-channel speech presence probabilities. , 2014, , .		0
172	Microphone array based speech spectral amplitude estimators with phase estimation. , 2014, , .		1
173	Impact of Path Loss on the Capacity of Large MIMO AF Relay Networks. , 2014, , .		1
174	The Theory of Compressive Sensing Matching Pursuit Considering Time-domain Noise with Application to Speech Enhancement. IEEE/ACM Transactions on Audio Speech and Language Processing, 2014, 22, 682-696.	4.0	28
175	Sparse channel estimation of pulseâ€shaping multipleâ€inputâ€“multipleâ€output orthogonal frequency division multiplexing systems with an approximate gradient l $_2$ $â^$ Sl $_0$ reconstruction algorithm. IET Communications, 2014, 8, 1124-1131.	1.5	6
176	Pitch estimation of noisy speech using ensemble empirical mode decomposition and dominant harmonic modification. , 2014, , .		3
177	Adaptive Power Control for Asymmetric Two-Way Amplify-and-Forward Relaying With Individual Power Constraints. IEEE Transactions on Vehicular Technology, 2014, 63, 4315-4333.	3.9	14
178	Fast and accurate 2-D DOA estimation via sparse L-shaped array. , 2014, , .		0
179	DCT domain feature extraction scheme based on motor unit action potential of EMG signal for neuromuscular disease classification. Healthcare Technology Letters, 2014, 1, 26-31.	1.9	18
180	Joint DOA Estimation and Source Signal Tracking With Kalman Filtering and Regularized QRD RLS Algorithm. IEEE Transactions on Circuits and Systems II: Express Briefs, 2013, 60, 46-50.	2.2	17

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181	A Two-Way MIMO Relaying Scheme with Partial Channel State Information. Wireless Personal Communications, 2013, 72, 1949-1968.	1.8	4
182	Compressive sensing–based speech enhancement in non–sparse noisy environments. IET Signal Processing, 2013, 7, 450-457.	0.9	29
183	Fusion framework for multi–focus images based on compressed sensing. IET Image Processing, 2013, 7, 290-299.	1.4	18
184	A gaze tracking scheme with low resolution image. , 2013, , .		3
185	Joint Transceiver Design for Cooperative Multi-cell Systems with Multiple Users. Circuits, Systems, and Signal Processing, 2013, 32, 167-181.	1.2	1
186	A Base Station Identification Algorithm for SFN Positioning Systems in NLOS Environment. , 2013, , .		1
187	Opportunistic Relaying for Two-Way Relay Transmission with Asymmetric Traffic Requirements. , 2013, , .		0
188	Sparse linear arrays for estimating and tracking DOAs of signals with known waveforms. , 2013, , .		2
189	Joint MMSE Design of Relay and Destination in Two-Hop MIMO Multi-Relay Networks. IEICE Transactions on Communications, 2013, E96.B, 836-846.	0.4	3
190	Noise spectrum estimation with improved minimum controlled recursive averaging based on speech enhancement residue. , 2012, , .		4
191	DOA estimation and tracking for signals with known waveform via symmetric sparse subarrays. , 2012, , .		4
192	Accurate DOA estimation via sparse sensor array. , 2012, , .		1
193	Optimal Beamformer Design for Dual-Hop MIMO AF Relay Networks over Rayleigh Fading Channels. IEEE Journal on Selected Areas in Communications, 2012, 30, 1402-1414.	9.7	51
194	Optimal Pilot Pattern Design for Compressed Sensing-Based Sparse Channel Estimation in OFDM Systems. Circuits, Systems, and Signal Processing, 2012, 31, 1379-1395.	1.2	29
195	Pitch Estimation Based on a Harmonic Sinusoidal Autocorrelation Model and a Time-Domain Matching Scheme. IEEE Transactions on Audio Speech and Language Processing, 2012, 20, 322-335.	3.8	25
196	Improved compressed sensing-based UWB channel estimation. , 2011, , .		1
197	Minimum redundancy linear sparse subarrays for direction of arrival estimation without ambiguity. , 2011, , .		11
198	A compressive sensing method for noise reduction of speech and audio signals. , 2011, , .		18

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199	Compressed sensing for DOA estimation with fewer receivers than sensors. , 2011, , .		19
200	Optimal Relay Precoding for Two-Hop AF Transmission and Performance Analysis over Rayleigh-Fading Channels. IEEE Transactions on Communications, 2011, 59, 3072-3079.	4.9	9
201	Rate Optimization for Relay Precoding Design with Imperfect CSI in Two-Hop MIMO Relay Networks. , 2011, , .		2
202	Optimum Linear Design of Two-Hop MIMO Relay Networks With QoS Requirements. IEEE Transactions on Signal Processing, 2011, 59, 2257-2269.	3.2	34
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