Insoo Koo

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1185819/publications.pdf

Version: 2024-02-01

162 papers	2,429 citations	279798 23 h-index	254184 43 g-index
164 all docs	164 docs citations	164 times ranked	2234 citing authors

#	Article	IF	Citations
1	New Fuzzy Observer Fault Pattern Detection by NARX-Laguerre Model Applied to the Rotating Machine. Lecture Notes in Networks and Systems, 2022, , 246-253.	0.7	0
2	A Secure-Transmission Maximization Scheme for SWIPT Systems Assisted by an Intelligent Reflecting Surface and Deep Learning. IEEE Access, 2022, 10, 31851-31867.	4.2	16
3	Low-Complexity PSO-Based Resource Allocation Scheme for Cooperative Non-Linear SWIPT-Enabled NOMA. IEEE Access, 2022, 10, 34207-34220.	4.2	18
4	IoT-Enabled Vehicle Speed Monitoring System. Electronics (Switzerland), 2022, 11, 614.	3.1	7
5	Deep Learning-Based Scheduling Scheme for IEEE 802.15.4e TSCH Network. Wireless Communications and Mobile Computing, 2022, 2022, 1-17.	1.2	1
6	Sensor Fault Diagnosis Using a Machine Fuzzy Lyapunov-Based Computed Ratio Algorithm. Sensors, 2022, 22, 2974.	3.8	6
7	Deep Learning-Assisted Power Minimization in Underlay MISO-SWIPT Systems Based On Rate-Splitting Multiple Access. IEEE Access, 2022, 10, 62137-62156.	4.2	8
8	Optimizing Urban Air Pollution Detection Systems. Sensors, 2022, 22, 4767.	3.8	12
9	A distributed sensor-fault detection and diagnosis framework using machine learning. Information Sciences, 2021, 547, 777-796.	6.9	98
10	Graph-based technique for survivability assessment and optimization of IoT applications. International Journal on Software Tools for Technology Transfer, 2021, 23, 105-114.	1.9	8
11	Fault diagnosis based on extremely randomized trees in wireless sensor networks. Reliability Engineering and System Safety, 2021, 205, 107284.	8.9	108
12	A Transfer Deep Q-Learning Framework for Resource Competition in Virtual Mobile Networks With Energy-Harvesting Base Stations. IEEE Systems Journal, 2021, 15, 319-330.	4.6	7
13	Combining Binary Particle Swarm Optimization With Support Vector Machine for Enhancing Rice Varieties Classification Accuracy. IEEE Access, 2021, 9, 66062-66078.	4.2	8
14	Deep Reinforcement Learning Based Dynamic Spectrum Competition in Green Cognitive Virtualized Networks. IEEE Access, 2021, 9, 52193-52201.	4.2	3
15	CAFD: Context-Aware Fault Diagnostic Scheme towards Sensor Faults Utilizing Machine Learning. Sensors, 2021, 21, 617.	3.8	25
16	A Transfer Games Actorâ€“Critic Learning Framework for Anti-Jamming in Multi-Channel Cognitive Radio Networks. IEEE Access, 2021, 9, 47887-47900.	4.2	7
17	Uplink NOMA-based long-term throughput maximization scheme for cognitive radio networks: an actorâ€“critic reinforcement learning approach. Wireless Networks, 2021, 27, 1319-1334.	3.0	4
18	Optimal Energy Beamforming to Minimize Transmit Power in a Multi-Antenna Wireless Powered Communication Network. Electronics (Switzerland), 2021, 10, 509.	3.1	7

#	Article	IF	Citations
19	Machine learning-based scheme for multi-class fault detection in turbine engine disks. ICT Express, 2021, 7, 15-22.	4.8	5
20	SVM-Based Bearing Anomaly Identification with Self-Tuning Network-Fuzzy Robust Proportional Multi Integral and Smart Autoregressive Model. Applied Sciences (Switzerland), 2021, 11, 2784.	2.5	11
21	Deep Q-learning-based resource allocation for solar-powered users in cognitive radio networks. ICT Express, 2021, 7, 49-59.	4.8	10
22	Analysis of a Network Stability-Aware Clustering Protocol for Cognitive Radio Sensor Networks. IEEE Internet of Things Journal, 2021, 8, 12476-12477.	8.7	9
23	On the Suitability of Intrusion Detection System for Wireless Edge Networks. Energies, 2021, 14, 5954.	3.1	5
24	Relay selection and power allocation for secrecy sum rate maximization in underlying cognitive radio with cooperative relaying NOMA. Neurocomputing, 2021, 452, 756-767.	5.9	16
25	An Efficient Clustering Protocol for Cognitive Radio Sensor Networks. Electronics (Switzerland), 2021, 10, 84.	3.1	9
26	Packet Delivery Maximization Using Deep Reinforcement Learning-Based Transmission Scheduling for Industrial Cognitive Radio Systems. IEEE Access, 2021, 9, 146492-146508.	4.2	0
27	Deep Learningâ€“Based Energy Beamforming With Transmit Power Control in Wireless Powered Communication Networks. IEEE Access, 2021, 9, 142795-142803.	4.2	6
28	Joint Power Allocation and Power Splitting for MISO-RSMA Cognitive Radio Systems With SWIPT and Information Decoder Users. IEEE Systems Journal, 2021, 15, 5289-5300.	4.6	19
29	Machine Learning-Based Sensor Drift Fault Classification using Discrete Cosine Transform. , 2021, , .		3
30	Joint power allocation and power splitting for MISO SWIPT RSMA systems with energy-constrained users. Wireless Networks, 2020, 26, 2241-2254.	3.0	16
31	Optimizing Efficient Energy Transmission on a SWIPT Interference Channel Under Linear/Nonlinear EH Models. IEEE Systems Journal, 2020, 14, 457-468.	4.6	9
32	Joint Resource Allocation and Transmission Mode Selection Using a POMDP-Based Hybrid Half-Duplex/Full-Duplex Scheme for Secrecy Rate Maximization in Multi-Channel Cognitive Radio Networks. IEEE Sensors Journal, 2020, 20, 3930-3945.	4.7	14
33	Distributed ADMM-based approach for total harvested power maximization in non-linear SWIPT system. Wireless Networks, 2020, 26, 1357-1371.	3.0	1
34	User-centric harvested energy-efficiency maximisation for secure SWIPT transmissions. International Journal of Electronics, 2020, 107, 985-1014.	1.4	0
35	Exploiting a Deep Neural Network for Efficient Transmit Power Minimization in a Wireless Powered Communication Network. Applied Sciences (Switzerland), 2020, 10, 4622.	2.5	12
36	Joint Beamforming and Artificial Noise Optimization for Secure Transmissions in MISO-NOMA Cognitive Radio System with SWIPT. Electronics (Switzerland), 2020, 9, 1948.	3.1	7

#	Article	IF	Citations
37	Cache-Enabled Data Rate Maximization for Solar-Powered UAV Communication Systems. Electronics (Switzerland), 2020, 9, 1961.	3.1	1
38	Optimizing a Secure Two-Way Network with Non-Linear SWIPT, Channel Uncertainty, and a Hidden Eavesdropper. Electronics (Switzerland), 2020, 9, 1222.	3.1	5
39	Economic and Climatic Impacts of Different Peer-to-Peer Game Theoreticâ€“Based Energy Trading Systems. IEEE Access, 2020, 8, 195632-195644.	4.2	11
40	Cognitive Routing in Software-Defined Maritime Networks. Wireless Communications and Mobile Computing, 2020, 2020, 1-15.	1.2	0
41	Particle Swarm Optimization-Based Secure Computation Efficiency Maximization in a Power Beacon-Assisted Wireless-Powered Mobile Edge Computing NOMA System. Energies, 2020, 13, 5540.	3.1	11
42	Machine Learning-based Real-Time Sensor Drift Fault Detection using Raspberry Pi. , 2020, , .		12
43	Secrecy Energy Efficiency Maximization in an Underlying Cognitive Radioâ€“NOMA System with a Cooperative Relay and an Energy-Harvesting User. Applied Sciences (Switzerland), 2020, 10, 3630.	2.5	11
44	Deep Learning-Based Approach to Fast Power Allocation in SISO SWIPT Systems with a Power-Splitting Scheme. Applied Sciences (Switzerland), 2020, 10, 3634.	2.5	3
45	Hybrid NOMA/OMA-Based Dynamic Power Allocation Scheme Using Deep Reinforcement Learning in 5G Networks. Applied Sciences (Switzerland), 2020, 10, 4236.	2.5	17
46	Extremely Randomized Trees-Based Scheme for Stealthy Cyber-Attack Detection in Smart Grid Networks. IEEE Access, 2020, 8, 19921-19933.	4.2	84
47	Optimized Power Allocation for a Cooperative NOMA System with SWIPT and an Energy-Harvesting User. International Journal of Electronics, 2020, 107, 1704-1733.	1.4	9
48	Game Theory-Based Smart Mobile-Data Offloading Scheme in 5G Cellular Networks. Applied Sciences (Switzerland), 2020, 10, 2327.	2.5	8
49	Dynamic Power Allocation Scheme for NOMA Uplink in Cognitive Radio Networks Using Deep Q Learning. , 2020, , .		2
50	UAV-assisted NOMA Downlink Communications Based on Content Caching. , 2020, , .		3
51	Machine learning-based Scheme for Fault Detection for Turbine Engine Disk. , 2020, , .		0
52	Transmit Beamforming for a MISO SWIPT System with a Power Beacon. , 2020, , .		2
53	Actor-critic deep learning for efficient user association and bandwidth allocation in dense mobile networks with green base stations. Wireless Networks, 2019, 25, 5057-5068.	3.0	3
54	Cluster-Head Selection for Energy-Harvesting IoT Devices in Multi-tier 5G Cellular Networks. Lecture Notes in Computer Science, 2019, , 634-645.	1.3	0

#	Article	IF	Citations
55	Improving physical layer security via cooperative diversity in energyâ€constrained cognitive radio networks with multiple eavesdroppers. International Journal of Communication Systems, 2019, 32, e4008.	2.5	2
56	Mitigating the Impacts of Covert Cyber Attacks in Smart Grids Via Reconstruction of Measurement Data Utilizing Deep Denoising Autoencoders. Energies, 2019, 12, 3091.	3.1	19
57	Actorâ€“Critic-Algorithm-Based Accurate Spectrum Sensing and Transmission Framework and Energy Conservation in Energy-Constrained Wireless Sensor Network-Based Cognitive Radios. Wireless Communications and Mobile Computing, 2019, 2019, 1-12.	1.2	6
58	An Integrated Cognitive Radio Network for Coastal Smart Cities. Applied Sciences (Switzerland), 2019, 9, 3557.	2.5	2
59	On Lightweight Method for Intrusions Detection in the Internet of Things. , 2019, , .		4
60	A POMDPâ€based longâ€term transmission rate maximization for cognitive radio networks with wirelessâ€powered ambient backscatter. International Journal of Communication Systems, 2019, 32, e3993.	2.5	5
61	Unsupervised Machine Learning-Based Detection of Covert Data Integrity Assault in Smart Grid Networks Utilizing Isolation Forest. IEEE Transactions on Information Forensics and Security, 2019, 14, 2765-2777.	6.9	170
62	A Double Adaptive Approach to Tackle Malicious Users in Cognitive Radio Networks. Wireless Communications and Mobile Computing, 2019, 2019, 1-9.	1.2	15
63	An efficient bandwidth allocation scheme for hierarchical cellular networks with energy harvesting: an actor-critic approach. International Journal of Electronics, 2019, 106, 1543-1566.	1.4	1
64	Dynamic Bandwidth Allocation Scheme for Wireless Networks with Energy Harvesting Using Actor-Critic Deep Reinforcement Learning. , 2019, , .		3
65	Toward a Lightweight Intrusion Detection System for the Internet of Things. IEEE Access, 2019, 7, 42450-42471.	4.2	178
66	Prediction of Digital Terrestrial Television Coverage Using Machine Learning Regression. IEEE Transactions on Broadcasting, 2019, 65, 702-712.	3.2	39
67	Optimal Power Allocation for Energy-Efficient Data Transmission Against Full-Duplex Active Eavesdroppers in Wireless Sensor Networks. IEEE Sensors Journal, 2019, 19, 5333-5346.	4.7	9
68	Efficient attack strategy for legitimate energy-powered eavesdropping in tactical cognitive radio networks. Wireless Networks, 2019, 25, 3605-3622.	3.0	7
69	A Repeated Games-Based Secure Multiple-Channels Communications Scheme for Secondary Users with Randomly Attacking Eavesdroppers. Applied Sciences (Switzerland), 2019, 9, 868.	2.5	4
70	Towards Robust IoT Network Topology in Adversarial Environments. , 2019, , .		1
71	Optimised power allocation for a power beacon-assisted SWIPT system with a power-splitting receiver. International Journal of Electronics, 2019, 106, 415-439.	1.4	9
72	Infrastructure-aided hybrid routing in CR-VANETs using a Bayesian Model. Wireless Networks, 2019, 25, 1711-1729.	3.0	7

#	Article	IF	Citations
73	Particle Swarm Optimization-Based Power Allocation Scheme for Secrecy Sum Rate Maximization in NOMA with Cooperative Relaying. Lecture Notes in Computer Science, 2019, , 1-12.	1.3	9
74	Energy-Efficient Data Encryption Scheme for Cognitive Radio Networks. IEEE Sensors Journal, 2018, 18, 2050-2059.	4.7	11
75	CR-SDVN: A Cognitive Routing Protocol for Software-Defined Vehicular Networks. IEEE Sensors Journal, 2018, 18, 1761-1772.	4.7	62
76	POMDP-Based Throughput Maximization for Cooperative Communications Networks with Energy-Constrained Relay under Attack in the Physical Layer. Applied Sciences (Switzerland), 2018, 8, 1828.	2.5	1
77	Performance Analysis of Support Vector Machine-Based Classifier for Spectrum Sensing in Cognitive Radio Networks. , 2018, , .		11
78	Robust Secure Transmit Design for SWIPT System with Many Types of Wireless Users and Passive Eavesdropper. IEICE Transactions on Communications, 2018, E101.B, 441-450.	0.7	6
79	A Novel Feature Selection Scheme and a Diversified-Input SVM-Based Classifier for Sensor Fault Classification. Journal of Sensors, 2018, 2018, 1-21.	1.1	14
80	Convolutional Autoencoder-Based Sensor Fault Classification. , 2018, , .		3
81	Multiuser MISO Beamforming Design for Balancing the Received Powers in Secure Cognitive Radio Networks. , 2018, , .		3
82	Joint Relay Selection and Power Allocation through a Genetic Algorithm for Secure Cooperative Cognitive Radio Networks. Sensors, 2018, 18, 3934.	3.8	9
83	Throughput Maximization Using an SVM for Multi-Class Hypothesis-Based Spectrum Sensing in Cognitive Radio. Applied Sciences (Switzerland), 2018, 8, 421.	2.5	15
84	Energy-Efficient Power Allocation and Relay Selection Schemes for Relay-Assisted D2D Communications in 5G Wireless Networks. Sensors, 2018, 18, 2865.	3.8	26
85	Efficient Transceiver Design for Large-Scale SWIPT System with Time-Switching and Power-Splitting Receivers. IEICE Transactions on Communications, 2018, E101.B, 1744-1751.	0.7	4
86	Reliable Machine Learning Based Spectrum Sensing in Cognitive Radio Networks. Wireless Communications and Mobile Computing, 2018, 2018, 1-17.	1.2	45
87	Joint Full-Duplex/Half-Duplex Transmission-Switching Scheduling and Transmission-Energy Allocation in Cognitive Radio Networks with Energy Harvesting. Sensors, 2018, 18, 2295.	3.8	6
88	Efficient Channel Selection and Routing Algorithm for Multihop, Multichannel Cognitive Radio Networks with Energy Harvesting under Jamming Attacks. Security and Communication Networks, 2018, 2018, 1-12.	1.5	6
89	A Novel Physical Layer Security Scheme in OFDM-Based Cognitive Radio Networks. IEEE Access, 2018, 6, 29486-29498.	4.2	33
90	Learning Frameworks for Cooperative Spectrum Sensing and Energy-Efficient Data Protection in Cognitive Radio Networks. Applied Sciences (Switzerland), 2018, 8, 722.	2.5	12

#	Article	IF	Citations
91	Covert Cyber Assault Detection in Smart Grid Networks Utilizing Feature Selection and Euclidean Distance-Based Machine Learning. Applied Sciences (Switzerland), 2018, 8, 772.	2.5	23
92	Depletion-of-Battery Attack: Specificity, Modelling and Analysis. Sensors, 2018, 18, 1849.	3.8	27
93	Optimal multi-threshold quantization scheme for bioinformatics inspired cooperative spectrum sensing in cognitive radio networks. International Journal of Electronics, 2018, 105, 2082-2098.	1.4	1
94	Feature Selectionâ€“Based Detection of Covert Cyber Deception Assaults in Smart Grid Communications Networks Using Machine Learning. IEEE Access, 2018, 6, 27518-27529.	4.2	71
95	Convolution Neural Network-Based Spectrum Sensing for Cognitive Radio Systems Using USRP with GNU Radio. , 2018, , .		3
96	Simultaneous Wireless Information and Power Transfer Solutions for Energy-Harvesting Fairness in Cognitive Multicast Systems. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2018, E101.A, 1988-1992.	0.3	3
97	Joint Attack-Defense Strategy Based on Game Theory for Cognitive Devices in Covert Communication Networks. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2018, E101.A, 544-548.	0.3	0
98	Multi-Slot Spectrum Sensing Schedule and Transmitted Energy Allocation in Harvested Energy Powered Cognitive Radio Networks Under Secrecy Constraints. IEEE Sensors Journal, 2017, 17, 2231-2240.	4.7	9
99	Primary user detection in cognitive radio networks through quickest detection. , 2017, , .		1
100	Sensor Fault Classification Based on Support Vector Machine and Statistical Time-Domain Features. IEEE Access, 2017, 5, 8682-8690.	4.2	194
101	FLCOR. , 2017, , .		6
102	An adaptive network allocation vector timer-based carrier sense multiple access with collision avoidance medium access control protocol for underwater acoustic sensor networks. International Journal of Distributed Sensor Networks, 2017, 13, 155014771668776.	2.2	8
103	Optimal Multiuser MISO Beamforming for Power-Splitting SWIPT Cognitive Radio Networks. IEEE Access, 2017, 5, 14141-14153.	4.2	37
104	EECOR: An Energy-Efficient Cooperative Opportunistic Routing Protocol for Underwater Acoustic Sensor Networks. IEEE Access, 2017, 5, 14119-14132.	4.2	103
105	Software-defined networking-based cognitive routing protocol for vehicular ad hoc networks. , 2017, , .		3
106	Experiment Design for Parameter Estimation in Probabilistic Sensing Models. IEEE Sensors Journal, 2017, 17, 8431-8437.	4.7	37
107	OFDMâ€based spectrumâ€aware routing in underwater cognitive acoustic networks. IET Communications, 2017, 11, 2613-2620.	2.2	9
108	Energy exhaustion attacks in wireless networks. , 2017, , .		6

#	Article	IF	Citations
109	Sensor faults detection and classification using SVM with diverse features. , 2017, , .		7
110	A Cognitive Radio-Based Energy-Efficient System for Power Transmission Line Monitoring in Smart Grids. Journal of Sensors, 2017, 2017, 1-12.	1.1	9
111	Robust Weighted Sum Harvested Energy Maximization for SWIPT Cognitive Radio Networks Based on Particle Swarm Optimization. Sensors, 2017, 17, 2275.	3.8	12
112	Cognitive Routing in Software-Defined Underwater Acoustic Networks. Applied Sciences (Switzerland), 2017, 7, 1312.	2.5	14
113	Efficient Selection of Users' Pair in Cognitive Radio Network to Maximize Throughput Using Simultaneous Transmit-Sense Approach. IEICE Transactions on Communications, 2017, E100.B, 380-389.	0.7	4
114	Optimizing Sensing Scheduling for Cooperative Spectrum Sensing in Cognitive Radio Networks. IEICE Transactions on Communications, 2017, E100.B, 884-892.	0.7	0
115	Multichannel-Sensing Scheduling and Transmission-Energy Optimizing in Cognitive Radio Networks with Energy Harvesting. Sensors, 2016, 16, 461.	3.8	5
116	Partially observable Markov decision processâ€based sensing scheduling for decentralised cognitive radio networks with the awareness of channel switching delay and imperfect sensing. IET Communications, 2016, 10, 651-660.	2.2	1
117	Spectrum and connectivity aware anchor-based routing in cognitive vehicular ad hoc networks. , 2016, , .		3
118	Throughput maximisation by optimising detection thresholds in fullâ€duplex cognitive radio networks. IET Communications, 2016, 10, 1355-1364.	2.2	30
119	Low-complexity timer-based multi-relay selection and sequential power allocation of cooperative cognitive radio networks for future Internet of things. International Journal of Distributed Sensor Networks, 2016, 12, 155014771667125.	2.2	1
120	Sensor network-based spectrum sensing for cognitive radio network. , 2016, , .		3
121	Energy-Efficient Infrastructure Sensor Network for Ad Hoc Cognitive Radio Network. IEEE Sensors Journal, 2016, 16, 2775-2787.	4.7	32
122	Belief Propagation-Based Cognitive Routing in Maritime Ad Hoc Networks. International Journal of Distributed Sensor Networks, 2016, 12, 7635206.	2.2	8
123	Sensor Node Selection-Based Lifetime Maximization in Sensor Network Assisted Cognitive Radio Networks. Advanced Science Letters, 2016, 22, 2432-2437.	0.2	3
124	SIMO-based coarse fine sensing scheme for wideband cognitive radio communication. , 2015, , .		0
125	Energy-Efficient and Throughput Maximization Scheme for Sensor-Aided Cognitive Radio Networks. IEICE Transactions on Communications, 2015, E98.B, 1996-2003.	0.7	0
126	Comparative analysis of DIPPM scheme for Visible Light Communications. , 2015, , .		5

#	Article	IF	Citations
127	Energy-Efficient Channel Handoff for Sensor Network-Assisted Cognitive Radio Network. Sensors, 2015, 15, 18012-18039.	3.8	15
128	Throughput Maximization for Sensor-Aided Cognitive Radio Networks with Continuous Energy Arrivals. Sensors, 2015, 15, 29782-29801.	3.8	4
129	Modeling and Analysis of DIPPM: A New Modulation Scheme for Visible Light Communications. Journal of Sensors, 2015, 2015, 1-8.	1.1	6
130	Evidence theory-based cooperative spectrum sensing in multi antenna cognitive radio system. , 2015, , .		0
131	Bioinformatics-Inspired Quantized Hard Combination-Based Abnormality Detection for Cooperative Spectrum Sensing in Cognitive Radio Networks. IEEE Sensors Journal, 2015, 15, 2324-2334.	4.7	17
132	Throughput Maximization for Secondary User Under Battery Imperfections in Cognitive Radio Networks. IEEE Sensors Journal, 2015, 15, 5616-5623.	4.7	1
133	Secure Cooperative Spectrum Sensing via a Novel User-Classification Scheme in Cognitive Radios for Future Communication Technologies. Symmetry, 2015, 7, 675-688.	2.2	4
134	Optimal Reporting Order for Superposition Cooperative Spectrum Sensing in Cognitive Radio Networks. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2015, E98.A, 1346-1350.	0.3	0
135	A Novel Blind Event Detection Method for Wireless Sensor Networks. Journal of Sensors, 2014, 2014, 1-6.	1.1	2
136	Secure Cooperative Spectrum Sensing for the Cognitive Radio Network Using Nonuniform Reliability. Scientific World Journal, The, 2014, 2014, 1-10.	2.1	3
137	Neighboring and Connectivity-Aware Routing in VANETs. Scientific World Journal, The, 2014, 2014, 1-10.	2.1	21
138	Optimal Throughput for Cognitive Radio with Energy Harvesting in Fading Wireless Channel. Scientific World Journal, The, 2014, 2014, 1-7.	2.1	12
139	Goodness-of-Fit Based Secure Cooperative Spectrum Sensing for Cognitive Radio Network. Scientific World Journal, The, 2014, 2014, 1-6.	2.1	0
140	Throughput of primary user with cognitive radio function. , 2014, , .		0
141	Throughput Maximization of the Cognitive Radio Using Hybrid (Overlay-Underlay) Approach with Energy Harvesting. , 2014, , .		5
142	A cluster-based sequential cooperative spectrum sensing scheme utilizing reporting framework for cognitive radios. IEEJ Transactions on Electrical and Electronic Engineering, 2014, 9, 282-287.	1.4	6
143	Optimal Truncated Ordered Sequential Cooperative Spectrum Sensing in Cognitive Radio. IEEE Sensors Journal, 2013, 13, 4188-4195.	4.7	11
144	Multi-hop cooperative spectrum sensing in cognitive radio network. , 2013, , .		1

#	Article	IF	Citations
145	Comments and Corrections Comments on "Spectrum Sensing in Cognitive Radio Using Goodness-of-Fit Testing". IEEE Transactions on Wireless Communications, 2012, 11, 3409-3411.	9.2	17
146	Robust hard decision combination scheme based on Kullback-Leibler divergence for cooperative spectrum sensing in cognitive radio. IEEJ Transactions on Electrical and Electronic Engineering, 2012, 7, S114-S118.	1.4	0
147	Compressed Sensing-based data gathering in wireless Home Area Network for smart grid. , 2012, , .		3
148	Empirical Distribution-Based Event Detection in Wireless Sensor Networks: An Approach Based on Evidence Theory. IEEE Sensors Journal, 2012, 12, 2222-2228.	4.7	6
149	A sequential cooperative spectrum sensing scheme based on cognitive user reputation. IEEE Transactions on Consumer Electronics, 2012, 58, 1147-1152.	3.6	25
150	A Robust Cooperative Spectrum Sensing Based on Kullback-Leibler Divergence. IEICE Transactions on Communications, 2012, E95.B, 1286-1290.	0.7	11
151	Cramer-von Mises test based spectrum sensing for cognitive radio systems. , 2011, , .		10
152	Log-likelihood Ratio Optimal Quantizer for Cooperative Spectrum Sensing in Cognitive Radio. IEEE Communications Letters, 2011, 15, 317-319.	4.1	31
153	Cooperative spectrum sensing with collaborative users using individual sensing credibility for cognitive radio network. IEEE Transactions on Consumer Electronics, 2011, 57, 320-326.	3.6	30
154	Opportunistic relaying based spectrum leasing for cognitive radio networks. Journal of Communications and Networks, 2011, 13, 50-55.	2.6	13
155	Evidence-Theory-Based Cooperative Spectrum Sensing With Efficient Quantization Method in Cognitive Radio. IEEE Transactions on Vehicular Technology, 2011, 60, 185-195.	6.3	38
156	An Adaptive Cooperative Spectrum Sensing Scheme Using Reinforcement Learning for Cognitive Radio Sensor Networks. IEICE Transactions on Communications, 2011, E94-B, 1456-1459.	0.7	2
157	A Censor-Based Cooperative Spectrum Sensing Scheme Using Fuzzy Logic for Cognitive Radio Sensor Networks. IEICE Transactions on Communications, 2010, E93-B, 3497-3500.	0.7	3
158	An Efficient Weight-Based Cooperative Spectrum Sensing Scheme in Cognitive Radio Systems. IEICE Transactions on Communications, 2010, E93-B, 2191-2194.	0.7	3
159	Cooperative Spectrum Sensing with Double Adaptive Energy Thresholds and Relaying Users in Cognitive Radio. , 2010, , .		6
160	On Blocking Probability of Multi-Beam CDMA Systems Using SBF Array Antennas. Wireless Personal Communications, 2005, 35, 87-98.	2.7	2
161	Capacity of next generation unified radio access systems supporting multi-class services. , 0, , .		0
162	Performance Analysis of Random Access Channel in OFDMA Systems. , 0, , .		7