K J Ray Liu

List of Publications by Year
in descending order

735 papers	22,615 citations	15880 67 h-index	21239 119 g-index
783 all docs	783 docs citations	783 times ranked	12271 citing authors

#	Article	IF	Citations
1	RF-Based Indoor Moving Direction Estimation Using a Single Access Point. IEEE Internet of Things Journal, 2022, 9, 462-473.	5.5	2
2	*mmKey*: Universal Virtual Keyboard Using A Single Millimeter-Wave Radio. IEEE Internet of Things Journal, 2022, 9, 510-524.	5.5	3
3	GaitCube: Deep Data Cube Learning for Human Recognition With Millimeter-Wave Radio. IEEE Internet of Things Journal, 2022, 9, 546-557.	5.5	21
4	DeFall: Environment-Independent Passive Fall Detection Using WiFi. IEEE Internet of Things Journal, 2022, 9, 8515-8530.	5.5	20
5	Driver Vital Signs Monitoring Using Millimeter Wave Radio. IEEE Internet of Things Journal, 2022, 9, 11283-11298.	5.5	25
6	In-Vehicle Sensing for Smart Cars. IEEE Open Journal of Vehicular Technology, 2022, 3, 221-242.	3.4	7
7	Intelligent Wi-Fi Based Child Presence Detection System. , 2022, , .		4
8	Floor Plan Reconstruction with High-Precision Rf-Based Tracking. , 2022, , .		1
9	Toward mmWave-Based Sound Enhancement and Separation. , 2022, , .		2
10	Beyond Microphone. , 2022, , .		3
11	Distributed Newton's Method for Network Cost Minimization. IEEE Transactions on Automatic Control, 2021, 66, 1278-1285.	3.6	12
12	ViMo: Multiperson Vital Sign Monitoring Using Commodity Millimeter-Wave Radio. IEEE Internet of Things Journal, 2021, 8, 1294-1307.	5.5	59
13	GaitWay: Monitoring and Recognizing Gait Speed Through the Walls. IEEE Transactions on Mobile Computing, 2021, 20, 2186-2199.	3.9	43
14	SMARS: Sleep Monitoring via Ambient Radio Signals. IEEE Transactions on Mobile Computing, 2021, 20, 217-231.	3.9	79
15	mmHRV: Contactless Heart Rate Variability Monitoring Using Millimeter-Wave Radio. IEEE Internet of Things Journal, 2021, 8, 16623-16636.	5.5	41
16	mmEye: Super-Resolution Millimeter Wave Imaging. IEEE Internet of Things Journal, 2021, 8, 6995-7008.	5.5	22
17	Robust Device-Free Proximity Detection Using Wifi. , 2021, , .		4
18	High Accuracy Tracking of Targets Using Massive MIMO. , 2021, , .		1

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19	Massive MIMO for High-Accuracy Target Localization and Tracking. IEEE Internet of Things Journal, 2021, 8, 10131-10145.	5.5	9
20	Radio Frequency Based Heart Rate Variability Monitoring. , 2021, , .		3
21	Sound Recovery From Radio Signals. , 2021, , .		6
22	Wifi-Based Device-Free Gesture Recognition Through-the-Wall. , 2021, , .		6
23	*mmWrite*: Passive Handwriting Tracking Using a Single Millimeter-Wave Radio. IEEE Internet of Things Journal, 2021, 8, 13291-13305.	5.5	20
24	Universal Virtual Keyboard using 60 GHz mmWave Radar. , 2021, , .		1
25	Gait-based People Identification with Millimeter-Wave Radio. , 2021, , .		3
26	Driver Authentication for Smart Car Using Wireless Sensing. IEEE Internet of Things Journal, 2020, 7, 2235-2246.	5.5	22
27	Radio Frequency Based Direction Sensing Using Massive MIMO. IEEE Access, 2020, 8, 26827-26838.	2.6	7
28	Handwriting Tracking using 60 GHz mmWave Radar. , 2020, , .		6
29	Accurate Stride Length Estimation via Fused Radio and Inertial Sensing. , 2020, , .		2
30	mmTrack: Passive Multi-Person Localization Using Commodity Millimeter Wave Radio. , 2020, , .		54
31	Passive People Counting using Commodity WiFi. , 2020, , .		6
32	Time Reversal Based Robust Gesture Recognition Using Wifi. , 2020, , .		5
33	Wireless AI in Smart Car: How Smart a Car Can Be?. IEEE Access, 2020, 8, 55091-55112.	2.6	32
34	Robust Detection of Image Operator Chain With Two-Stream Convolutional Neural Network. IEEE Journal on Selected Topics in Signal Processing, 2020, 14, 955-968.	7.3	139
35	Respiration Tracking for People Counting and Recognition. IEEE Internet of Things Journal, 2020, 7, 5233-5245.	5.5	47
36	Dynamic Sharing Through the ADMM. IEEE Transactions on Automatic Control, 2020, 65, 2215-2222.	3.6	3

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37	EasiTrack: Decimeter-Level Indoor Tracking With Graph-Based Particle Filtering. IEEE Internet of Things Journal, 2020, 7, 2397-2411.	5.5	32
38	Indoor Heading Direction Estimation Using Rf Signals. , 2020, , .		2
39	A WiFi-Based Passive Fall Detection System. , 2020, , .		9
40	ViMo: Vital Sign Monitoring Using Commodity Millimeter Wave Radio. , 2020, , .		9
41	mSense. , 2020, 4, 1-20.		28
42	Large-scale decimeter-level indoor tracking using a single access point. , 2020, , .		0
43	RF-based inertial measurement. , 2019, , .		31
44	RF-based Inertial Measurement. , 2019, , .		0
45	WiDetect. , 2019, 3, 1-24.		45
46	Principles of Time Reversal and Effective Bandwidth. , 2019, , 1-16.		0
47	Centimeter-Accuracy Indoor Positioning. , 2019, , 19-38.		0
48	Decimeter-Accuracy Indoor Tracking. , 2019, , 90-114.		0
49	Statistical Learning for Indoor Monitoring. , 2019, , 143-169.		0
50	Radio Biometrics for Human Recognition. , 2019, , 170-198.		0
51	Vital Signs Estimation and Detection. , 2019, , 199-227.		0
52	Device-Free Speed Estimation. , 2019, , 239-270.		0
53	Power Waveforming. , 2019, , 300-333.		0
54	Joint Power Waveforming and Beamforming. , 2019, , 334-362.		0

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55	Combating Strong-Weak Resonances in TRDMA. , 2019, , 393-422.		0
56	Waveforming. , 2019, , 451-485.		0
57	Tunneling Effect for Cloud Radio Access Network. , 2019, , 517-546.		0
58	Time Reversal for IoT. , 2019, , 549-582.		0
59	Indoor Events Monitoring Using Channel State Information Time Series. IEEE Internet of Things Journal, 2019, 6, 4977-4990.	5.5	23
60	In-Car Driver Authentication Using Wireless Sensing. , 2019, , .		3
61	Community detection in networks: a game-theoretic framework. Eurasip Journal on Advances in Signal Processing, 2019, 2019, .	1.0	1
62	Online Convex Optimization With Time-Varying Constraints and Bandit Feedback. IEEE Transactions on Automatic Control, 2019, 64, 2665-2680.	3.6	46
63	User Participation in Collaborative Filtering-Based Recommendation Systems: A Game Theoretic Approach. IEEE Transactions on Cybernetics, 2019, 49, 1339-1352.	6.2	25
64	Data-Driven Auction Mechanism Design in IaaS Cloud Computing. IEEE Transactions on Services Computing, 2018, 11, 743-756.	3.2	29
65	Game-Theoretic Cross Social Media Analytic: How Yelp Ratings Affect Deal Selection on Groupon?. IEEE Transactions on Knowledge and Data Engineering, 2018, 30, 908-921.	4.0	11
66	Waveforming Optimizations for Time-Reversal Cloud Radio Access Networks. IEEE Transactions on Communications, 2018, 66, 382-393.	4.9	3
67	The Promise of Radio Analytics: A Future Paradigm of Wireless Positioning, Tracking, and Sensing. IEEE Signal Processing Magazine, 2018, 35, 59-80.	4.6	86
68	Statistical Learning Over Time-Reversal Space for Indoor Monitoring System. IEEE Internet of Things Journal, 2018, 5, 970-983.	5.5	14
69	TR-BREATH: Time-Reversal Breathing Rate Estimation and Detection. IEEE Transactions on Biomedical Engineering, 2018, 65, 489-501.	2.5	92
70	High Resolution Carrier Frequency Offset Estimation in Time-Reversal Wideband Communications. IEEE Transactions on Communications, 2018, 66, 2191-2205.	4.9	8
71	Waveforming: An Overview With Beamforming. IEEE Communications Surveys and Tutorials, 2018, 20, 132-149.	24.8	26
72	Game-Theoretic Cross Social Media Analytic: How Do Yelp Ratings Affect Deal Selection on Groupon? (Extended Abstract). , 2018, , .		0

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73	WiDetect: A Robust and Low-Complexity Wireless Motion Detector. , 2018, , .		3
74	Time Reversal Indoor Tracking with Centimeter Accuracy. , 2018, , .		2
75	Real-Time Indoor Event Monitoring Using CSI Time Series. , 2018, , .		0
76	Distributed Efficient Optimization for General Network Cost Minimization Problems. , 2018, , .		2
77	Distributed Signal Compressive Quantization and Parallel Interference Cancellation for Cloud Radio Access Network. IEEE Transactions on Communications, 2018, 66, 4186-4198.	4.9	4
78	An ADMM approach to dynamic sharing problems. , 2018, , .		0
79	Generic network cost minimization: A decentralized Newton's method. , 2018, , .		0
80	WiSpeed: A Statistical Electromagnetic Approach for Device-Free Indoor Speed Estimation. IEEE Internet of Things Journal, 2018, 5, 2163-2177.	5.5	66
81	On the Time-Varying Constraints and Bandit Feedback of Online Convex Optimization. , 2018, , .		3
82	WiBall: A Time-Reversal Focusing Ball Method for Decimeter-Accuracy Indoor Tracking. IEEE Internet of Things Journal, 2018, 5, 4031-4041.	5.5	30
83	Distributed Linearized ADMM for Network Cost Minimization. IEEE Transactions on Signal and Information Processing Over Networks, 2018, 4, 626-638.	1.6	13
84	Message from the Honorary General Chairs. , 2018, , .		0
85	Understanding Popularity Dynamics: Decision-Making With Long-Term Incentives. IEEE Transactions on Signal and Information Processing Over Networks, 2017, 3, 91-103.	1.6	1
86	TRIEDS: Wireless Events Detection Through the Wall. IEEE Internet of Things Journal, 2017, 4, 723-735.	5.5	30
87	Data Trading With Multiple Owners, Collectors, and Users: An Iterative Auction Mechanism. IEEE Transactions on Signal and Information Processing Over Networks, 2017, 3, 268-281.	1.6	49
88	Exploring Spatial Focusing Effect for Spectrum Sharing and Network Association. IEEE Transactions on Wireless Communications, 2017, 16, 4216-4231.	6.1	8
89	Performance Analysis for Two-Way Network-Coded Dual-Relay Networks With Stochastic Energy Harvesting. IEEE Transactions on Wireless Communications, 2017, 16, 5747-5761.	6.1	15
90	A Graphical Evolutionary Game Approach to Social Learning. IEEE Signal Processing Letters, 2017, 24, 765-769.	2.1	3

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91	Spatial focusing inspired 5G spectrum sharing. , 2017, , .		2
92	Rate-Energy Region of SWIPT for MIMO Broadcasting Under Nonlinear Energy Harvesting Model. IEEE Transactions on Wireless Communications, 2017, 16, 5147-5161.	6.1	186
93	Downlink MAC Scheduler for 5G Communications With Spatial Focusing Effects. IEEE Transactions on Wireless Communications, 2017, 16, 3968-3980.	6.1	4
94	Hidden Chinese Restaurant Game: Grand Information Extraction for Stochastic Network Learning. IEEE Transactions on Signal and Information Processing Over Networks, 2017, 3, 330-345.	1.6	3
95	Radio Biometrics: Human Recognition Through a Wall. IEEE Transactions on Information Forensics and Security, 2017, 12, 1141-1155.	4.5	58
96	Joint Power Waveforming and Beamforming for Wireless Power Transfer. IEEE Transactions on Signal Processing, 2017, 65, 6409-6422.	3.2	14
97	An iterative auction mechanism for data trading. , 2017, , .		7
98	A Broad Beamforming Approach for High-Mobility Communications. IEEE Transactions on Vehicular Technology, 2017, 66, 10546-10550.	3.9	18
99	A time-reversal spatial hardening effect for indoor speed estimation. , 2017, , .		7
100	Time reversal based wireless events detection. , 2017, , .		0
101	Decentralized Sparse Multitask RLS Over Networks. IEEE Transactions on Signal Processing, 2017, 65, 6217-6232.	3.2	18
102	Time-reversal indoor positioning with centimeter accuracy using multi-antenna WiFi. , 2016, , .		8
103	Interference Alleviation for Time-Reversal Cloud Radio Access Network. , 2016, , .		0
104	Realizing Massive MIMO Effect Using a Single Antenna: A Time-Reversal Approach. , 2016, , .		6
105	Multi-person breathing rate estimation using time-reversal on WiFi platforms. , 2016, , .		14
106	Indoor GPS with centimeter accuracy using WiFi. , 2016, , .		9
107	On Outage Probability for Two-Way Relay Networks With Stochastic Energy Harvesting. IEEE Transactions on Communications, 2016, 64, 1901-1915.	4.9	31
108	Enabling Heterogeneous Connectivity in Internet ofÂThings: A Time-Reversal Approach. IEEE Internet of Things Journal, 2016, 3, 1036-1047.	5.5	29

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109	A data analytic approach to quantifying scientific impact. Journal of Informetrics, 2016, 10, 471-484.	1.4	43
110	An information theoretic framework for order of operations forensics. , 2016, , .		3
111	Power Waveforming: Wireless Power Transfer Beyond Time Reversal. IEEE Transactions on Signal Processing, 2016, 64, 5819-5834.	3.2	36
112	Achieving Centimeter Accuracy Indoor Localization on WiFi Platforms: An Multi-Antenna Approach. IEEE Internet of Things Journal, 2016, , 1-1.	5.5	72
113	Community detection game. , 2016, , .		1
114	Time-Reversal Massive Multipath Effect: A Single-Antenna â€œMassive MIMOâ€•Solution. IEEE Transactions on Communications, 2016, 64, 3382-3394.	4.9	23
115	Evolutionary Information Diffusion over Heterogeneous Social Networks. IEEE Transactions on Signal and Information Processing Over Networks, 2016, , 1-1.	1.6	25
116	Achieving Centimeter Accuracy Indoor Localization on WiFi Platforms: A Frequency Hopping Approach. IEEE Internet of Things Journal, 2016, , 1-1.	5.5	105
117	Indoor Global Positioning System with Centimeter Accuracy Using Wi-Fi [Applications Corner]. IEEE Signal Processing Magazine, 2016, 33, 128-134.	4.6	30
118	Radio shot: Through-the-wall human recognition. , 2016, , .		2
119	A game-theoretic modeling of popularity dynamics. , 2016, , .		0
120	High accuracy indoor localization: A WiFi-based approach. , 2016, , .		51
121	Combating Strongâ€"Weak Spatialâ€"Temporal Resonances in Time-Reversal Uplinks. IEEE Transactions on Wireless Communications, 2016, 15, 568-580.	6.1	8
122	Time-Reversal Tunneling Effects for Cloud Radio Access Network. IEEE Transactions on Wireless Communications, 2016, 15, 3030-3043.	6.1	8
123	Waveform Design With Interference Pre-cancellation Beyond Time-Reversal Systems. IEEE Transactions on Wireless Communications, 2016, 15, 3643-3654.	6.1	4
124	Information Theoretical Limit of Media Forensics: The Forensicability. IEEE Transactions on Information Forensics and Security, 2016, 11, 774-788.	4.5	6
125	Stable Throughput Region and Admission Control for Device-to-Device Cellular Coexisting Networks. IEEE Transactions on Wireless Communications, 2016, 15, 2809-2824.	6.1	9
126	Why Time Reversal for Future 5G Wireless? [Perspectives]. IEEE Signal Processing Magazine, 2016, 33, 17-26.	4.6	45

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127	Detectability of the Order of Operations: An Information Theoretic Approach. IEEE Transactions on Information Forensics and Security, 2016, 11, 823-836.	4.5	20
128	Decision Learning : Data analytic learning with strategic decision making. IEEE Signal Processing Magazine, 2016, 33, 37-56.	4.6	9
129	Wireless Network Association Game With Data-Driven Statistical Modeling. IEEE Transactions on Wireless Communications, 2016, 15, 512-524.	6.1	5
130	Advances in Energy Harvesting Communications: Past, Present, and Future Challenges. IEEE Communications Surveys and Tutorials, 2016, 18, 1384-1412.	24.8	453
131	Diversity analysis for two-way multi-relay networks with stochastic energy harvesting. , 2015, , .		1
132	Data-Driven Stochastic Scheduling and Dynamic Auction in IaaS. , 2015, , .		8
133	On Antiforensic Concealability With Rate-Distortion Tradeoff. IEEE Transactions on Image Processing, 2015, 24, 1087-1100.	6.0	10
134	Privacy or Utility in Data Collection? A Contract Theoretic Approach. IEEE Journal on Selected Topics in Signal Processing, 2015, 9, 1256-1269.	7.3	74
135	On Cost-Effective Incentive Mechanisms in Microtask Crowdsourcing. IEEE Transactions on Games, 2015, 7, 3-15.	1.7	39
136	Optimal pricing for interference control in time-reversal device-to-device uplinks. , 2015, , .		1
137	Joint power control and signature design for time-reversal uplinks. , 2015, , .		0
138	Accurate carrier frequency offset estimation in time-reversal communications. , 2015, , .		0
139	Interference model and analysis on device-to-device cellular coexist networks. , 2015, , .		0
140	Outage probability for two-way solar-powered relay networks with stochastic scheduling. , 2015, , .		0
141	A Time-Reversal Paradigm for Indoor Positioning System. IEEE Transactions on Vehicular Technology, 2015, 64, 1331-1339.	3.9	126
142	Data-Driven Stochastic Models and Policies for Energy Harvesting Sensor Communications. IEEE Journal on Selected Areas in Communications, 2015, , 1-1.	9.7	89
143	Cognitive Radio Networks With Heterogeneous Users: How to Procure and Price the Spectrum?. IEEE Transactions on Wireless Communications, 2015, 14, 1676-1688.	6.1	21
144	Two-Way Network-Coded Relaying With Delay Constraint. IEEE Transactions on Wireless Communications, 2015, 14, 191-204.	6.1	7

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145	On Outage Probability for Stochastic Energy Harvesting Communications in Fading Channels. IEEE Signal Processing Letters, 2015, 22, 1893-1897.	2.1	20
146	Indian Buffet Game With Negative Network Externality and Non-Bayesian Social Learning. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2015, 45, 609-623.	5.9	23
147	Nanoscale molecular communication networks: a game-theoretic perspective. Eurasip Journal on Advances in Signal Processing, 2015, 2015, .	1.0	13
148	Network economics in cognitive networks. , 2015, 53, 75-81.		20
149	Power Scheduling for Energy Harvesting Wireless Communications With Battery Capacity Constraint. IEEE Transactions on Wireless Communications, 2015, 14, 4640-4653.	6.1	16
150	Compressive Sensing Forensics. IEEE Transactions on Information Forensics and Security, 2015, 10, 1416-1431.	4.5	10
151	Scalable Video Multicasting: A Stochastic Game Approach With Optimal Pricing. IEEE Transactions on Wireless Communications, 2015, 14, 2353-2367.	6.1	17
152	Statistical Delay QoS Protection for Primary Users in Cooperative Cognitive Radio Networks. IEEE Communications Letters, 2015, 19, 835-838.	2.5	23
153	A Chinese restaurant game for learning and decision making in cognitive radio networks. Computer Networks, 2015, 91, 117-134.	3.2	4
154	On Energy Harvesting Gain and Diversity Analysis in Cooperative Communications. IEEE Journal on Selected Areas in Communications, 2015, 33, 2641-2657.	9.7	54
155	Pricing Game for Time Mute in Femto–Macro Coexistent Networks. IEEE Transactions on Wireless Communications, 2015, 14, 2118-2130.	6.1	8
156	Understanding Sequential User Behavior in Social Computing: To Answer or to Vote?. IEEE Transactions on Network Science and Engineering, 2015, 2, 112-126.	4.1	10
157	Maximizing Network Capacity with Optimal Source Selection: A Network Science Perspective. IEEE Signal Processing Letters, 2015, 22, 938-942.	2.1	25
158	Spectrum trading in heterogeneous cognitive radio networks. , 2014, , .		4
159	On the achievable sum rate for two-way relay networks with stochastic energy harvesting. , 2014, , .		10
160	Femto-macro co-channel interference coordination via pricing game. , 2014, , .		0
161	Data-Driven Optimal Throughput Analysis for Route Selection in Cognitive Vehicular Networks. IEEE Journal on Selected Areas in Communications, 2014, 32, 2149-2162.	9.7	28
162	User participation game in collaborative filtering. , 2014, , .		8

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163	Time-reversal with limited signature precision: Tradeoff between complexity and performance. , 2014, , .		0
164	Data-driven stochastic scheduling for solar-powered sensor communications. , 2014, , .		1
165	Evolutionary social information diffusion analysis. , 2014, , .		3
166	Game theoretic Markov decision processes for optimal decision making in social systems. , 2014, , .		4
167	Cognitive femtocell market: How to price?. , 2014, , .		2
168	Network Formation Games in Cooperative MIMO Interference Systems. IEEE Transactions on Wireless Communications, 2014, 13, 1140-1152.	6.1	12
169	A Multiuser TRDMA Uplink System with 2D Parallel Interference Cancellation. IEEE Transactions on Communications, 2014, 62, 1011-1022.	4.9	17
170	Energy efficient cooperative communications using coalition formation games. Computer Networks, 2014, 58, 228-238.	3.2	16
171	Dynamic Chinese Restaurant Game: Theory and Application to Cognitive Radio Networks. IEEE Transactions on Wireless Communications, 2014, 13, 1960-1973.	6.1	52
172	Multi-Channel Sensing and Access Game: Bayesian Social Learning with Negative Network Externality. IEEE Transactions on Wireless Communications, 2014, 13, 2176-2188.	6.1	39
173	Time-Reversal Wireless Paradigm for Green Internet of Things: An Overview. IEEE Internet of Things Journal, 2014, 1, 81-98.	5.5	110
174	Anti-cheating prosumer energy exchange based on indirect reciprocity. , 2014, , .		9
175	Distributed State Estimation With Dimension Reduction Preprocessing. IEEE Transactions on Signal Processing, 2014, 62, 3098-3110.	3.2	26
176	Modeling information diffusion dynamics over social networks. , 2014, , .		10
177	Optimal Pricing Strategy for Operators in Cognitive Femtocell Networks. IEEE Transactions on Wireless Communications, 2014, 13, 5288-5301.	6.1	50
178	Information theoretical limit of compression forensics. , 2014, , .		6
179	Evolutionary Dynamics of Information Diffusion Over Social Networks. IEEE Transactions on Signal Processing, 2014, 62, 4573-4586.	3.2	141
180	Inter-user interference in molecular communication networks. , 2014, , .		8

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181	Graphical Evolutionary Game for Information Diffusion Over Social Networks. IEEE Journal on Selected Topics in Signal Processing, 2014, 8, 524-536.	7.3	115
182	On the Equivalence of Evolutionary Stable Strategies. IEEE Communications Letters, 2014, 18, 995-998.	2.5	8
183	Data-Driven Stochastic Scheduling and Dynamic Auction in IaaS. , 2014, , .		1
184	Sequential multi-channel access game in distributed cognitive radio networks. , 2014, , .		0
185	A Lasting Journey [President's Message]. IEEE Signal Processing Magazine, 2014, 31, 6-6.	4.6	0
186	An evolutionary game-theoretic modeling for heterogeneous information diffusion. , 2014, , .		3
187	Incentive compatible demand response games for distributed load prediction in smart grids. APSIPA Transactions on Signal and Information Processing, 2014, 3, .	2.6	4
188	Joint Spectrum Sensing and Access Evolutionary Game in Cognitive Radio Networks. IEEE Transactions on Wireless Communications, 2013, 12, 2470-2483.	6.1	175
189	Diversity Analysis of Non-Coherent Wireless Network Coding. IEEE Transactions on Wireless Communications, 2013, 12, 1800-1811.	6.1	1
190	Robust Median Filtering Forensics Using an Autoregressive Model. IEEE Transactions on Information Forensics and Security, 2013, 8, 1456-1468.	4.5	194
191	A contract-based approach for ancillary services in V2G networks: Optimality and learning. , 2013, , .		33
192	Diversity Analysis of Analog Network Coding with Multi-User Interferences. IEEE Transactions on Wireless Communications, 2013, 12, 668-679.	6.1	17
193	Sequential Chinese Restaurant Game. IEEE Transactions on Signal Processing, 2013, 61, 571-584.	3.2	33
194	Forensically determining the order of signal processing operations. , 2013, , .		22
195	Distributed state estimation with lossy measurement compression in smart grid. , 2013, , .		1
196	Indian Buffet Game with non-Bayesian social learning. , 2013, , .		2
197	Interference-mitigating broadband secondary user downlink system: A time-reversal solution. , 2013, , .		2
198	Non-Cooperative Feedback Control Game for Secondary Transmitter in Cognitive Radio Network. IEEE Signal Processing Letters, 2013, 20, 571-574.	2.1	6

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199	Renewal-theoretical dynamic spectrum access in cognitive radio network with unknown primary behavior. IEEE Journal on Selected Areas in Communications, 2013, 31, 406-416.	9.7	177
200	Image Denoising Games. IEEE Transactions on Circuits and Systems for Video Technology, 2013, 23, 1704-1716.	5.6	15
201	Near-Optimal Waveform Design for Sum Rate Optimization in Time-Reversal Multiuser Downlink Systems. IEEE Transactions on Wireless Communications, 2013, 12, 346-357.	6.1	29
202	Distributed Adaptive Networks: A Graphical Evolutionary Game-Theoretic View. IEEE Transactions on Signal Processing, 2013, 61, 5675-5688.	3.2	64
203	Concealability-rate-distortion tradeoff in image compression anti-forensics. , 2013, , .		4
204	Wireless Access Network Selection Game with Negative Network Externality. IEEE Transactions on Wireless Communications, 2013, 12, 5048-5060.	6.1	30
205	Energy-Efficient Base-Station Cooperative Operation with Guaranteed QoS. IEEE Transactions on Communications, 2013, 61, 3505-3517.	4.9	59
206	Evolutionary game for joint spectrum sensing and access in cognitive radio networks. , 2013, , .		1
207	Time-Reversal Wideband Communications. IEEE Signal Processing Letters, 2013, 20, 1219-1222.	2.1	115
208	Outage probability optimization with equal and unequal transmission rates under energy harvesting constraints. , 2013, , .		3
209	MIMO interference cancelation via network formation game. , 2013, , .		1
210	An interference cancellation scheme for the multiuser TRDMA uplink system. , 2013, , .		0
211	Dynamic Chinese Restaurant Game in cognitive radio networks. , 2013, , .		9
212	On analysis of two-way relaying with network-coded ARQ. , 2013, , .		2
213	Optimal pricing in stochastic scalable video coding multicasting system. , 2013, , .		8
214	Anti-forensics of median filtering. , 2013, , .		34
215	Diffusion analysis of distributed adaptive networks with graphical evolutionary game. , 2013, , .		0
216	Graphical evolutionary game theoretic framework for distributed adaptive filter networks. , 2013, , .		0

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217	Protection against reverse engineering in digital cameras. , 2013, , .		2
218	Information Forensics: An Overview of the First Decade. IEEE Access, 2013, 1, 167-200.	2.6	308
219	GlobalSIP: A New Flagship Conference [President's Message]. IEEE Signal Processing Magazine, 2013, 30, 6-6.	4.6	0
220	Sign onto Technical Committees [President's Message]. IEEE Signal Processing Magazine, 2013, 30, 4-4.	4.6	0
221	Membership [President's Message]. IEEE Signal Processing Magazine, 2013, 30, 4-4.	4.6	0
222	Sustainable Finance [President's Message]. IEEE Signal Processing Magazine, 2013, 30, 6-6.	4.6	0
223	Outreach via Community Building [President's Message]. IEEE Signal Processing Magazine, 2013, 30, 6-6.	4.6	3
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225	Cooperation in Random Access Networks: Protocol Design and Performance Analysis. IEEE Journal on Selected Areas in Communications, 2012, 30, 1694-1702.	9.7	11
226	Energy-efficient cellular network operation via base station cooperation. , 2012, , .		33
227	Chinese Restaurant Game. IEEE Signal Processing Letters, 2012, 19, 898-901.	2.1	24
228	Learning and decision making with negative externality for opportunistic spectrum access. , 2012, , .		6
229	Analysis of interference in cognitive radio networks with unknown primary behavior. , 2012, , .		8
230	Multi-source cooperative transmission with network coding. , 2012, , .		0
231	A cheat-proof game-theoretic framework for cooperative peer-to-peer video streaming. , 2012, , .		1
232	Clustering based space-time network coding. , 2012, , .		6
233	Cooperation stimulation in cooperative communications: An indirect reciprocity game. , 2012, , .		3
234	Anti error propagation methods for wireless uplink using network coding. , 2012, , .		1

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236	Indirect reciprocity game modelling for secure wireless networks. , 2012, , .		7
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733	Resource Allocation for Wireless Multimedia. , 0, , 488-517.		0
734	Game theory for cognitive radio networks. , 0, , 46-86.		1
735	Systolic RLS Adaptive Filtering. , 0, , 487-518.		0