

Seyed Mohammad Sajad Sadough

List of Publications by Year in descending order

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77
papers

1,000
citations

516710

16
h-index

477307

29
g-index

78
all docs

78
docs citations

78
times ranked

735
citing authors

#	ARTICLE	IF	CITATIONS
1	Channel Modeling and Parameter Optimization for Hovering UAV-Based Free-Space Optical Links. IEEE Journal on Selected Areas in Communications, 2018, 36, 2104-2113.	14.0	143
2	On Secure Free-Space Optical Communications Over Málaga Turbulence Channels. IEEE Wireless Communications Letters, 2017, 6, 274-277.	5.0	85
3	Tractable Optical Channel Modeling Between UAVs. IEEE Transactions on Vehicular Technology, 2019, 68, 11543-11550.	6.3	64
4	FSO channel estimation for OOK modulation with APD receiver over atmospheric turbulence and pointing errors. Optics Communications, 2017, 402, 577-584.	2.1	56
5	Optimal Placement of UAV-Assisted Free-Space Optical Communication Systems With DF Relaying. IEEE Communications Letters, 2020, 24, 155-158.	4.1	50
6	On the Performance of Multiplexing FSO MIMO Links in Log-Normal Fading With Pointing Errors. Journal of Optical Communications and Networking, 2017, 9, 974.	4.8	43
7	Performance Analysis of All-Optical Amplify and Forward Relaying Over Log-Normal FSO Channels. Journal of Optical Communications and Networking, 2018, 10, 79.	4.8	43
8	Cooperative spectrum sensing for cognitive radio networks in the presence of smart malicious users. AEU - International Journal of Electronics and Communications, 2014, 68, 520-527.	2.9	32
9	Generalized Blind Detection of OOK Modulation for Free-Space Optical Communication. IEEE Communications Letters, 2017, 21, 2170-2173.	4.1	27
10	Improved iterative detection and achieved throughputs of OFDM systems under imperfect channel estimation. IEEE Transactions on Wireless Communications, 2008, 7, 5039-5050.	9.2	25
11	Wavelet-Based Semiblind Channel Estimation for Ultrawideband OFDM Systems. IEEE Transactions on Vehicular Technology, 2009, 58, 1302-1314.	6.3	24
12	Improved Joint Spectrum Sensing and Power Allocation for Cognitive Radio Networks Using Probabilistic Spectrum Access. IEEE Systems Journal, 2019, 13, 3716-3723.	4.6	23
13	Multiband Cooperative Spectrum Sensing for Cognitive Radio in the Presence of Malicious Users. IEEE Communications Letters, 2016, 20, 404-407.	4.1	22
14	Efficient Transmission Strategy for Cognitive Radio Systems Under Primary User Emulation Attack. IEEE Systems Journal, 2018, 12, 3767-3774.	4.6	21
15	An Efficient Password-Based Authenticated Key Exchange Protocol with Provable Security for Mobile Client-Client Networks. Wireless Personal Communications, 2016, 88, 337-356.	2.7	20
16	Algorithms and networks for accelerated convergence of adaptive LDA. Pattern Recognition, 2005, 38, 473-483.	8.1	19
17	Optimal Cognitive Radio Spectrum Access With Joint Spectrum Sensing and Power Allocation. IEEE Wireless Communications Letters, 2020, 9, 8-11.	5.0	18
18	Improved Iterative MIMO Signal Detection Accounting for Channel-Estimation Errors. IEEE Transactions on Vehicular Technology, 2009, 58, 3154-3167.	6.3	16

#	ARTICLE	IF	CITATIONS
19	Generalized channel estimation and data detection for MIMO multiplexing FSO parallel channels over limited space. Optics Communications, 2019, 452, 158-168.	2.1	14
20	GLRT-Based Sequence Detection of OOK Modulation over FSO Turbulence Channels. IEEE Photonics Technology Letters, 2017, , 1-1.	2.5	13
21	Performance analysis of EM-based blind detection for ON-OFF keying modulation over atmospheric optical channels. Optics Communications, 2018, 413, 299-303.	2.1	13
22	Smart primary user emulation in cognitive radio networks: defence strategies against radio-aware attacks and robust spectrum sensing. Transactions on Emerging Telecommunications Technologies, 2015, 26, 1154-1164.	3.9	11
23	Optimisation of cooperative spectrum sensing for cognitive radio networks in the presence of smart primary user emulation attack. Transactions on Emerging Telecommunications Technologies, 2017, 28, e2885.	3.9	10
24	Blind Signal Detection Under Synchronization Errors for FSO Links With High Mobility. IEEE Transactions on Communications, 2019, 67, 7006-7015.	7.8	10
25	On the Outage Capacity of a Practical Decoder Accounting for Channel Estimation Inaccuracies. IEEE Transactions on Communications, 2009, 57, 1341-1350.	7.8	9
26	Optimal energy detection in cognitive radio networks in the presence of malicious users. , 2013, , .		9
27	Improved spectrum sensing and achieved throughput of multiband cognitive radio systems under probabilistic spectrum access. AEU - International Journal of Electronics and Communications, 2018, 86, 8-16.	2.9	9
28	Robust cooperative spectrum sensing in cognitive radio networks under multiple smart primary user emulation attacks. , 2014, , .		8
29	Power control and adaptive digital pulse interval modulation for free space optical links. , 2016, , .		8
30	Outage Performance Analysis for UAV-Based Mixed Underwater-FSO Communication Under Pointing Errors. , 2022, , .		7
31	Ultra wideband OFDM channel estimation through a wavelet based EM-MAP algorithm. European Transactions on Telecommunications, 2008, 19, 761-771.	1.2	6
32	Wideband spectrum sensing for cognitive radio via phase-field segmentation. , 2010, , .		6
33	Improved spectrum sensing and achieved throughputs in cognitive radio networks. , 2010, , .		6
34	Efficient Variational Bayesian Method for Joint Channel Estimation and Signal Detection in OFDM-Based AF Relay Networks. IEEE Communications Letters, 2015, 19, 1786-1789.	4.1	6
35	A probabilistic spectrum access approach to joint sensing and power allocation in multiband cognitive radio. , 2017, , .		6
36	On the Ergodic Capacity of Ground-To-UAV Free-Space Optical Communications. , 2019, , .		6

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37	Robust spectrum access for hybrid interweave underlay cognitive radio systems using probabilistic spectrum access. IET Signal Processing, 2019, 13, 806-813.	1.5	6
38	A Novel Technique for Wideband Spectrum Sensing in Cognitive Radio Through Phase-Field Segmentation. Wireless Personal Communications, 2013, 68, 115-130.	2.7	5
39	On optimal spectrum sensing strategy for cognitive radio systems under primary user emulation attack. , 2014, , .		5
40	BER performance of OFDM-based wireless services over radio-on-FSO links in the presence of turbulence and pointing errors. , 2016, , .		5
41	Outage Analysis of UAV-based FSO Systems Over Log-Normal Turbulence Channels. , 2019, , .		5
42	An Adaptive Turbo Coded-OFDM Scheme for Visible Light Communications. , 2019, , .		5
43	Optimal power control and spectrum sensing for throughput maximisation in cognitive radio systems under PUEA. IET Communications, 2019, 13, 2735-2742.	2.2	5
44	Outage Probability Improvement Through Optimal LED Placement for Visible Light Communications. , 2020, , .		5
45	On Time-Frequency Resource Leasing in Cognitive Radio Networks. Wireless Personal Communications, 2012, 65, 583-600.	2.7	4
46	Efficient signal detection for cognitive radio relay networks under imperfect channel estimation. Transactions on Emerging Telecommunications Technologies, 2016, 27, 1593-1605.	3.9	4
47	An improved one-to-many authentication scheme based on bilinear pairings with provable security for mobile pay-TV systems. Multimedia Tools and Applications, 2017, 76, 14225-14245.	3.9	4
48	On the Interaction Between Joint Tx/Rx IQI and Channel Estimation Errors in DVB-T Systems. IEEE Systems Journal, 2018, 12, 3271-3278.	4.6	4
49	FSO Communication for High Speed Trains: Blind Data Detection and Channel Estimation. , 2018, , .		4
50	Bit error rate and outage analysis of MIMO-FSO communications over K-distributed atmospheric channels with imperfect feedback. Optik, 2019, 198, 163099.	2.9	4
51	Receiver Design for OOK Modulation Over Turbulence Channels Using Source Transformation. IEEE Wireless Communications Letters, 2019, 8, 392-395.	5.0	4
52	Optimal spectrum sensing in cooperative cognitive two-way relay networks. IEICE Electronics Express, 2011, 8, 1281-1286.	0.8	3
53	An Adaptive Multitaper-SVD Spectrum Sensing Method for OFDM-Based Cognitive Radio Systems. Wireless Personal Communications, 2014, 79, 831-846.	2.7	3
54	A New Protocol for Cooperative Spectrum Sharing in Mobile Cognitive Radio Networks. Radioengineering, 2015, 24, 757-764.	0.6	3

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55	Closed-form error probability of blind detection for free space optical systems. , 2016, , .		3
56	An Improved Variational Inference Approach to Iterative OFDM Receiver Design for Superimposed Training-Based AF Relay Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 2243-2253.	6.3	3
57	An Improved Authentication Scheme for Electronic Payment Systems in Global Mobility Networks. Information Technology and Control, 2015, 44, 387-403.	2.1	3
58	An Improved Method for Localization of Wireless Capsule Endoscope Using Direct Position Determination. IEEE Access, 2021, 9, 154563-154577.	4.2	3
59	On the interference imposed on primary transmission in cognitive radio networks. , 2010, , .		2
60	Efficient collaborative wideband soft detection for confronting primary user emulation attack. , 2016, , .		2
61	Ergodic capacity of MIMO-FSO communications over atmospheric turbulence channels. , 2017, , .		2
62	Near MAP channel estimation for FSO-OOK over atmospheric turbulence with pointing errors. , 2017, , .		2
63	Differential pulseâ€amplitude modulation signalling for freeâ€space optical communications. IET Optoelectronics, 2019, 13, 155-160.	3.3	2
64	Enhanced direct position determination using dynamic sensor array response. Electronics Letters, 2020, 56, 354-357.	1.0	2
65	Enhanced physical layer security for cognitive radio systems through joint spectrum access and power allocation. IET Communications, 2020, 14, 3135-3142.	2.2	2
66	Achieved Throughput of Hovering UAV-Based Optical Wireless Communications. , 2020, , .		2
67	Time-frequency spectrum leasing for OFDM-based Dynamic Spectrum Sharing systems. , 2010, , .		1
68	An Iterative Method for Resource Leasing in Cognitive Radio Networks. Arabian Journal for Science and Engineering, 2013, 38, 2735-2743.	1.1	1
69	Outage performance analysis of secondary user under Tx/Rx IQI in cognitive radio systems. , 2015, , .		1
70	On the Reduction of Background Radiation for Differential Signaling FSO Systems. , 2019, , .		1
71	On the secrecy outage analysis of underlay cognitive radio systems with bufferâ€aided relaying under Nakagamiâ€m channels. IET Communications, 0, , .	2.2	1
72	Robust iterative receiver design under imperfect channel estimation. , 2010, , .		0

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73	Improved MIMO Turbo-Trellis Coded Modulation Under Channel Estimation Errors. Arabian Journal for Science and Engineering, 2013, 38, 2473-2479.	1.1	0
74	Kalman filter-based discrete data estimation for linear dynamic wireless channels. , 2013, , .		0
75	Achieved throughput of OFDM-based cognitive radio systems in the presence of inphase quadrature imbalance. Transactions on Emerging Telecommunications Technologies, 2017, 28, e3090.	3.9	0
76	Fast and Efficient Sequence Detection for APD Photon-Counting FSO Systems. , 2019, , .		0
77	Efficient differential signalling with reduced background radiation for multiple aperture FSO communication systems. IET Communications, 2020, 14, 1037-1042.	2.2	0