

Seyed Mohammad Sajad Sadough

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4495981/publications.pdf>

Version: 2024-02-01

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	Outage Performance Analysis for UAV-Based Mixed Underwater-FSO Communication Under Pointing Errors. , 2022, , .		7
2	An Improved Method for Localization of Wireless Capsule Endoscope Using Direct Position Determination. IEEE Access, 2021, 9, 154563-154577.	4.2	3
3	Optimal Cognitive Radio Spectrum Access With Joint Spectrum Sensing and Power Allocation. IEEE Wireless Communications Letters, 2020, 9, 8-11.	5.0	18
4	Optimal Placement of UAV-Assisted Free-Space Optical Communication Systems With DF Relaying. IEEE Communications Letters, 2020, 24, 155-158.	4.1	50
5	Enhanced direct position determination using dynamic sensor array response. Electronics Letters, 2020, 56, 354-357.	1.0	2
6	Efficient differential signalling with reduced background radiation for multiple aperture FSO communication systems. IET Communications, 2020, 14, 1037-1042.	2.2	0
7	Enhanced physical layer security for cognitive radio systems through joint spectrum access and power allocation. IET Communications, 2020, 14, 3135-3142.	2.2	2
8	Achieved Throughput of Hovering UAV-Based Optical Wireless Communications. , 2020, , .		2
9	Outage Probability Improvement Through Optimal LED Placement for Visible Light Communications. , 2020, , .		5
10	Blind Signal Detection Under Synchronization Errors for FSO Links With High Mobility. IEEE Transactions on Communications, 2019, 67, 7006-7015.	7.8	10
11	Fast and Efficient Sequence Detection for APD Photon-Counting FSO Systems. , 2019, , .		0
12	Outage Analysis of UAV-based FSO Systems Over Log-Normal Turbulence Channels. , 2019, , .		5
13	Generalized channel estimation and data detection for MIMO multiplexing FSO parallel channels over limited space. Optics Communications, 2019, 452, 158-168.	2.1	14
14	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
15	On the Ergodic Capacity of Ground-To-UAV Free-Space Optical Communications. , 2019, , .		6
16	On the Reduction of Background Radiation for Differential Signaling FSO Systems. , 2019, , .		1
17	An Adaptive Turbo Coded-OFDM Scheme for Visible Light Communications. , 2019, , .		5
18	Tractable Optical Channel Modeling Between UAVs. IEEE Transactions on Vehicular Technology, 2019, 68, 11543-11550.	6.3	64

#	ARTICLE	IF	CITATIONS
19	Bit error rate and outage analysis of MIMO-FSO communications over K-distributed atmospheric channels with imperfect feedback. <i>Optik</i> , 2019, 198, 163099.	2.9	4
20	Robust spectrum access for hybrid interweave underlay cognitive radio systems using probabilistic spectrum access. <i>IET Signal Processing</i> , 2019, 13, 806-813.	1.5	6
21	Optimal power control and spectrum sensing for throughput maximisation in cognitive radio systems under PUEA. <i>IET Communications</i> , 2019, 13, 2735-2742.	2.2	5
22	Differential pulse amplitude modulation signalling for free space optical communications. <i>IET Optoelectronics</i> , 2019, 13, 155-160.	3.3	2
23	Receiver Design for OOK Modulation Over Turbulence Channels Using Source Transformation. <i>IEEE Wireless Communications Letters</i> , 2019, 8, 392-395.	5.0	4
24	Improved spectrum sensing and achieved throughput of multiband cognitive radio systems under probabilistic spectrum access. <i>AEU - International Journal of Electronics and Communications</i> , 2018, 86, 8-16.	2.9	9
25	Performance analysis of EM-based blind detection for ON/OFF keying modulation over atmospheric optical channels. <i>Optics Communications</i> , 2018, 413, 299-303.	2.1	13
26	An Improved Variational Inference Approach to Iterative OFDM Receiver Design for Superimposed Training-Based AF Relay Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2018, 67, 2243-2253.	6.3	3
27	Performance Analysis of All-Optical Amplify and Forward Relaying Over Log-Normal FSO Channels. <i>Journal of Optical Communications and Networking</i> , 2018, 10, 79.	4.8	43
28	On the Interaction Between Joint Tx/Rx IQI and Channel Estimation Errors in DVB-T Systems. <i>IEEE Systems Journal</i> , 2018, 12, 3271-3278.	4.6	4
29	Efficient Transmission Strategy for Cognitive Radio Systems Under Primary User Emulation Attack. <i>IEEE Systems Journal</i> , 2018, 12, 3767-3774.	4.6	21
30	FSO Communication for High Speed Trains: Blind Data Detection and Channel Estimation. , 2018, , .		4
31	Channel Modeling and Parameter Optimization for Hovering UAV-Based Free-Space Optical Links. <i>IEEE Journal on Selected Areas in Communications</i> , 2018, 36, 2104-2113.	14.0	143
32	Optimisation of cooperative spectrum sensing for cognitive radio networks in the presence of smart primary user emulation attack. <i>Transactions on Emerging Telecommunications Technologies</i> , 2017, 28, e2885.	3.9	10
33	On Secure Free-Space Optical Communications Over Málaga Turbulence Channels. <i>IEEE Wireless Communications Letters</i> , 2017, 6, 274-277.	5.0	85
34	GLRT-Based Sequence Detection of OOK Modulation over FSO Turbulence Channels. <i>IEEE Photonics Technology Letters</i> , 2017, , 1-1.	2.5	13
35	A probabilistic spectrum access approach to joint sensing and power allocation in multiband cognitive radio. , 2017, , .		6
36	Ergodic capacity of MIMO-FSO communications over atmospheric turbulence channels. , 2017, , .		2

#	ARTICLE	IF	CITATIONS
37	Near MAP channel estimation for FSO-OOK over atmospheric turbulence with pointing errors. , 2017, , .		2
38	FSO channel estimation for OOK modulation with APD receiver over atmospheric turbulence and pointing errors. Optics Communications, 2017, 402, 577-584.	2.1	56
39	Generalized Blind Detection of OOK Modulation for Free-Space Optical Communication. IEEE Communications Letters, 2017, 21, 2170-2173.	4.1	27
40	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
41	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
42	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
43	BER performance of OFDM-based wireless services over radio-on-FSO links in the presence of turbulence and pointing errors. , 2016, , .		5
44	Efficient collaborative wideband soft detection for confronting primary user emulation attack. , 2016, , .		2
45	Efficient signal detection for cognitive radio relay networks under imperfect channel estimation. Transactions on Emerging Telecommunications Technologies, 2016, 27, 1593-1605.	3.9	4
46	Power control and adaptive digital pulse interval modulation for free space optical links. , 2016, , .		8
47	Closed-form error probability of blind detection for free space optical systems. , 2016, , .		3
48	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
49	Multiband Cooperative Spectrum Sensing for Cognitive Radio in the Presence of Malicious Users. IEEE Communications Letters, 2016, 20, 404-407.	4.1	22
50	A New Protocol for Cooperative Spectrum Sharing in Mobile Cognitive Radio Networks. Radioengineering, 2015, 24, 757-764.	0.6	3
51	Outage performance analysis of secondary user under Tx/Rx IQI in cognitive radio systems. , 2015, , .		1
52	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
53	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
54	An Improved Authentication Scheme for Electronic Payment Systems in Global Mobility Networks. Information Technology and Control, 2015, 44, 387-403.	2.1	3

#	ARTICLE	IF	CITATIONS
55	On optimal spectrum sensing strategy for cognitive radio systems under primary user emulation attack. , 2014, , .		5
56	Robust cooperative spectrum sensing in cognitive radio networks under multiple smart primary user emulation attacks. , 2014, , .		8
57	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
58	An Adaptive Multitaper-SVD Spectrum Sensing Method for OFDM-Based Cognitive Radio Systems. Wireless Personal Communications, 2014, 79, 831-846.	2.7	3
59	An Iterative Method for Resource Leasing in Cognitive Radio Networks. Arabian Journal for Science and Engineering, 2013, 38, 2735-2743.	1.1	1
60	A Novel Technique for Wideband Spectrum Sensing in Cognitive Radio Through Phase-Field Segmentation. Wireless Personal Communications, 2013, 68, 115-130.	2.7	5
61	Improved MIMO Turbo-Trellis Coded Modulation Under Channel Estimation Errors. Arabian Journal for Science and Engineering, 2013, 38, 2473-2479.	1.1	0
62	Optimal energy detection in cognitive radio networks in the presence of malicious users. , 2013, , .		9
63	Kalman filter-based discrete data estimation for linear dynamic wireless channels. , 2013, , .		0
64	On Time-Frequency Resource Leasing in Cognitive Radio Networks. Wireless Personal Communications, 2012, 65, 583-600.	2.7	4
65	Optimal spectrum sensing in cooperative cognitive two-way relay networks. IEICE Electronics Express, 2011, 8, 1281-1286.	0.8	3
66	Robust iterative receiver design under imperfect channel estimation. , 2010, , .		0
67	Wideband spectrum sensing for cognitive radio via phase-field segmentation. , 2010, , .		6
68	Improved spectrum sensing and achieved throughputs in cognitive radio networks. , 2010, , .		6
69	Time-frequency spectrum leasing for OFDM-based Dynamic Spectrum Sharing systems. , 2010, , .		1
70	On the interference imposed on primary transmission in cognitive radio networks. , 2010, , .		2
71	On the Outage Capacity of a Practical Decoder Accounting for Channel Estimation Inaccuracies. IEEE Transactions on Communications, 2009, 57, 1341-1350.	7.8	9
72	Wavelet-Based Semiblind Channel Estimation for Ultrawideband OFDM Systems. IEEE Transactions on Vehicular Technology, 2009, 58, 1302-1314.	6.3	24

#	ARTICLE	IF	CITATIONS
73	Improved Iterative MIMO Signal Detection Accounting for Channel-Estimation Errors. IEEE Transactions on Vehicular Technology, 2009, 58, 3154-3167.	6.3	16
74	Ultra wideband OFDM channel estimation through a wavelet based EM-EMAP algorithm. European Transactions on Telecommunications, 2008, 19, 761-771.	1.2	6
75	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
76	Algorithms and networks for accelerated convergence of adaptive LDA. Pattern Recognition, 2005, 38, 473-483.	8.1	19
77	On the secrecy outage analysis of underlay cognitive radio systems with buffer-aided relaying under Nakagami-m channels. IET Communications, 0, , .	2.2	1