

Murat Uysal

List of Publications by Year in descending order

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309
papers

11,994
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57758

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times ranked

6024
citing authors

#	ARTICLE	IF	CITATIONS
1	Event-Triggered Adaptive Handover for Centralized Hybrid VLC/MMW Networks. IEEE Transactions on Communications, 2022, 70, 455-468.	7.8	8
2	Ultraviolet Communications for Unmanned Aerial Vehicle Networks. IEEE Wireless Communications Letters, 2022, 11, 178-182.	5.0	9
3	Space-Time Block Coded Spatial Modulation for Indoor Visible Light Communications. IEEE Photonics Journal, 2022, 14, 1-11.	2.0	10
4	Non-Orthogonal Multiple Access-Based Underwater VLC Systems in the Presence of Turbulence. IEEE Photonics Journal, 2022, 14, 1-7.	2.0	11
5	Infrastructure-to-Vehicle Visible Light Communications: Channel Modelling and Performance Analysis. IEEE Transactions on Vehicular Technology, 2022, 71, 2240-2250.	6.3	22
6	A 130 nm CMOS Receiver for Visible Light Communication. Journal of Lightwave Technology, 2022, 40, 3681-3687.	4.6	2
7	Coordinated Beamforming Design for Multi-User Multi-Cell MIMO VLC Networks. IEEE Photonics Journal, 2022, 14, 1-10.	2.0	2
8	Iterative Signal Detection Under Timing Errors for Optical Wireless Links With High Mobility. IEEE Transactions on Vehicular Technology, 2021, 70, 11710-11720.	6.3	1
9	SLIPT for Underwater Visible Light Communications: Performance Analysis and Optimization. IEEE Transactions on Wireless Communications, 2021, 20, 6715-6728.	9.2	30
10	Visible Light Communication for Connected Vehicles: How to Achieve the Omnidirectional Coverage?. IEEE Access, 2021, 9, 103885-103905.	4.2	24
11	A Cross-Layer Design for Dynamic Resource Management of VLC Networks. IEEE Transactions on Communications, 2021, 69, 1858-1867.	7.8	19
12	Composite Fading Model for Aerial MIMO FSO Links in the Presence of Atmospheric Turbulence and Pointing Errors. IEEE Wireless Communications Letters, 2021, 10, 1295-1299.	5.0	11
13	Finite-SNR Diversity Gain Analysis of FSO Systems over Gamma-Gamma Fading Channels With Pointing Errors. IEEE Communications Letters, 2021, 25, 1940-1944.	4.1	4
14	Magnitude and Wrap-Phase OFDM for MIMO Visible Light Communication Systems. IEEE Communications Letters, 2021, 25, 2324-2328.	4.1	9
15	Distributed MIMO for Li-Fi: Channel Measurements, Ray Tracing and Throughput Analysis. IEEE Photonics Technology Letters, 2021, 33, 916-919.	2.5	28
16	Vehicular VLC: A Ray Tracing Study Based on Measured Radiation Patterns of Commercial Taillights. IEEE Photonics Technology Letters, 2021, 33, 904-907.	2.5	21
17	Feedback-Free Adaptive Modulation Selection Algorithm for FSO Systems. IEEE Wireless Communications Letters, 2021, 10, 1964-1968.	5.0	4
18	Coverage Analysis of Downlink MU-MIMO Cellular Networks. IEEE Communications Letters, 2021, 25, 2859-2863.	4.1	3

#	ARTICLE	IF	CITATIONS
19	Flexible Generalized Spatial Modulation for Visible Light Communications. IEEE Transactions on Vehicular Technology, 2021, 70, 1041-1045.	6.3	11
20	Capacity Analysis of NOMA-Enabled Underwater VLC Networks. IEEE Access, 2021, 9, 153305-153315.	4.2	15
21	Hybrid RF/VLC Systems: A Comprehensive Survey on Network Topologies, Performance Analyses, Applications, and Future Directions. IEEE Access, 2021, 9, 160402-160436.	4.2	41
22	Classification of Hyperspectral Images with CNN in Agricultural Lands. Biology and Life Sciences Forum, 2021, 3, .	0.6	1
23	Yâ¼zey araÅtÄ±rmalarÄ±nda Å°HA fotogrametrisinin kullanÄ±mÄ±: Kolankaya Siperleri ÅrneÅi. TÄ¼rkiye Fotogrametri Dergisi:, 2021, 3, 69-75.	0.7	5
24	Joint bit and power loading for adaptive MIMO OFDM VLC systems. Transactions on Emerging Telecommunications Technologies, 2020, 31, e3850.	3.9	15
25	Outage Performance of Mixed RF-FSO Systems Over DGG and Nakagami- m Channels. IEEE Wireless Communications Letters, 2020, 9, 2135-2139.	5.0	11
26	Vertical Underwater Visible Light Communication Links: Channel Modeling and Performance Analysis. IEEE Transactions on Wireless Communications, 2020, 19, 6948-6959.	9.2	58
27	Network-Coded Cooperative Systems With Generalized User-Relay Selection. IEEE Transactions on Wireless Communications, 2020, 19, 7251-7264.	9.2	6
28	An investigation of tree extraction from UAV-based photogrammetric dense point cloud. Arabian Journal of Geosciences, 2020, 13, 1.	1.3	7
29	Unified Performance Analysis of Multi-Hop FSO Systems Over Double Generalized Gamma Turbulence Channels With Pointing Errors. IEEE Transactions on Wireless Communications, 2020, 19, 7732-7746.	9.2	18
30	Low Complexity Least Minimum Symbol Error Rate Based Post-Distortion for Vehicular VLC. IEEE Transactions on Vehicular Technology, 2020, 69, 11800-11810.	6.3	15
31	Deep Reinforcement Based Power Allocation for the Max-Min Optimization in Non-Orthogonal Multiple Access. IEEE Access, 2020, 8, 211235-211247.	4.2	9
32	Optimal Resource Allocation and Interference Management for Multi-User Uplink Light Communication Systems With Angular Diversity Technology. IEEE Access, 2020, 8, 203224-203236.	4.2	14
33	CoMP-Based Dynamic Handover for Vehicular VLC Networks. IEEE Communications Letters, 2020, 24, 2024-2028.	4.1	33
34	Channel modelling for indoor visible light communications. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2020, 378, 20190187.	3.4	33
35	Deep Q-Learning Based Optimization of VLC Systems With Dynamic Time-Division Multiplexing. IEEE Access, 2020, 8, 120375-120387.	4.2	6
36	Incremental Diversity Order for Characterization of FSO Communication Systems Over Lognormal Fading Channels. IEEE Communications Letters, 2020, 24, 825-829.	4.1	15

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37	Asymptotic Performance of Generalized Transmit Laser Selection Over Lognormal Turbulence Channels. IEEE Communications Letters, 2020, 24, 1762-1766.	4.1	6
38	Performance analysis of quantum key distribution in underwater turbulence channels. Journal of the Optical Society of America B: Optical Physics, 2020, 37, 564.	2.1	13
39	Coverage of a shopping mall with flexible OLED-based visible light communications. Optics Express, 2020, 28, 10015.	3.4	20
40	Kâ¼ltürel Mirasın Etkileyimli Keşfi Açın Mobil Artırılmış Gerçeklik ve Web Tabanlı Görüştürme Teknolojilerinin Kullanılması: Sfenks Heykeli Örneği. Afyon Kocatepe University Journal of Sciences and Engineering, 2020, 20, 1024-1031.	0.2	6
41	3D modeling of lion tombstones with UAV photogrammetry: a case study in ancient Phrygia (Turkey). Archaeological and Anthropological Sciences, 2019, 11, 1973-1976.	1.8	18
42	Resource Allocation for Visible Light Communication Systems Using Simulated Annealing Based on a Problem-Specific Neighbor Function. IEEE Access, 2019, 7, 64077-64091.	4.2	12
43	UAV-Based FSO Communications for High Speed Train Backhauling. , 2019, , .		17
44	Adaptive DCO-OFDM for Underwater Visible Light Communications. , 2019, , .		7
45	Ultraviolet Communications for Ground-to-Air Links. , 2019, , .		8
46	Distance and Power based Experimental Verification of Channel Model in Visible Light Communication. , 2019, , .		1
47	Vertical Underwater VLC Links over Cascaded Gamma-Gamma Turbulence Channels with Pointing Errors. , 2019, , .		14
48	Adaptive Unipolar MIMO-OFDM for Visible Light Communications. , 2019, , .		9
49	VILDAR—Visible Light Sensing-Based Speed Estimation Using Vehicle Headlamps. IEEE Transactions on Vehicular Technology, 2019, 68, 10406-10417.	6.3	24
50	Resource Allocation for Downlink OFDMA in Underwater Visible Light Communications. , 2019, , .		9
51	Experimental Evaluation of Unipolar OFDM VLC System on Software Defined Platform. , 2019, , .		5
52	A Path Loss Model for Vehicle-to-Vehicle Visible Light Communications. , 2019, , .		27
53	Diversity Gain Analysis of Underwater Vertical MIMO VLC Links in the Presence of Turbulence. , 2019, , .		10
54	Sparse Channel Estimation for OFDM-Based Underwater Acoustic Systems in Rician Fading With a New OMP-MAP Algorithm. IEEE Transactions on Signal Processing, 2019, 67, 1550-1565.	5.3	45

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55	Effect of Wiring and Cabling Topologies on the Performance of Distributed MIMO OFDM VLC Systems. IEEE Access, 2019, 7, 52743-52754.	4.2	4
56	A Framework on the Performance Analysis of Dual-Hop Mixed FSO-RF Cooperative Systems. IEEE Transactions on Communications, 2019, 67, 4939-4954.	7.8	52
57	FPGA Based DCO-OFDM PHY Transceiver for VLC Systems. , 2019, , .		1
58	Vehicle-to-Vehicle Visible Light Communication: How to select receiver locations for optimal performance?. , 2019, , .		16
59	Vehicular Visible Light Communications with SPAD Receivers. , 2019, , .		11
60	Efficient Resource Allocation Scheme for Multi-User Hybrid VLC/IR Networks. , 2019, , .		9
61	Simultaneous Lightwave Information and Power Transfer in Underwater Visible Light Communications. , 2019, , .		17
62	Performance Evaluation of Vehicle-to-Vehicle Visible Light Communications in the Presence of Denial of Service Attacks. , 2019, , .		3
63	Transmit Laser Selection for Underwater Visible Light Communication Systems. , 2019, , .		10
64	Performance Characterization of Underwater Visible Light Communication. IEEE Transactions on Communications, 2019, 67, 543-552.	7.8	131
65	Mixture-Kernel Based Post-Distortion in RKHS for Time-Varying VLC Channels. IEEE Transactions on Vehicular Technology, 2019, 68, 1564-1577.	6.3	35
66	Unmanned-aerial-vehicle-assisted cooperative communications for visible light communications-based vehicular networks. Optical Engineering, 2019, 58, 1.	1.0	5
67	Cooperative MIMO-OFDM based inter-vehicular visible light communication using brake lights. Computer Communications, 2018, 120, 138-146.	5.1	22
68	Visible Light Communication Channel Modeling for Underwater Environments With Blocking and Shadowing. IEEE Access, 2018, 6, 1082-1090.	4.2	75
69	Risk Analysis of Antalya Konyaalti Beach in Turkey. Advances in Science, Technology and Innovation, 2018, , 1619-1622.	0.4	0
70	Monitoring of Coastal Erosion of Karasu Coast in Black Sea. Advances in Science, Technology and Innovation, 2018, , 1623-1625.	0.4	0
71	Visible Light Channel Modeling for Gas Pipelines. IEEE Photonics Journal, 2018, 10, 1-10.	2.0	13
72	Performance Evaluation of LOS and NLOS Vertical Inhomogeneous Links in Underwater Visible Light Communications. IEEE Access, 2018, 6, 22408-22420.	4.2	36

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73	SC-FDE Based MIMO Uplink Transmission Over Infrared Communication Channels. , 2018, , .		3
74	Underwater Visible Light Communications in Cascaded Gamma-Gamma Turbulence. , 2018, , .		20
75	Pilot-Aided Channel Estimation on SC-PAM Based Visible Light Communications. , 2018, , .		2
76	On the Performance of Multi-Hop Free Space Optical Cooperative Systems. , 2018, , .		1
77	Multi-User Visible Light Communications: State-of-the-Art and Future Directions. IEEE Access, 2018, 6, 70555-70571.	4.2	64
78	Performance Characterization of Vertical Underwater VLC Links in the Presence of Turbulence. , 2018, , .		37
79	An Experimental Analysis of Digital Elevation Models Generated with Lidar Data and UAV Photogrammetry. Journal of the Indian Society of Remote Sensing, 2018, 46, 1135-1142.	2.4	30
80	Effect of Fog and Rain on the Performance of Vehicular Visible Light Communications. , 2018, , .		59
81	Channel Modeling and Performance Characterization of Underwater Visible Light Communications. , 2018, , .		17
82	Unified Resource Allocation and Mobility Management Technique Using Particle Swarm Optimization for VLC Networks. IEEE Photonics Journal, 2018, 10, 1-9.	2.0	17
83	Adaptive MIMO FSO Communication Systems with Spatial Mode Switching. Journal of Optical Communications and Networking, 2018, 10, 686.	4.8	16
84	Implementation of Network Coding in Wireless Systems. Signals and Communication Technology, 2018, , 295-317.	0.5	1
85	A Mobile Channel Model for VLC and Application to Adaptive System Design. IEEE Communications Letters, 2017, 21, 1035-1038.	4.1	90
86	IEEE 802.15.7r1 Reference Channel Models for Visible Light Communications. , 2017, 55, 212-217.		122
87	Performance Analysis of Relay-Assisted NLOS Ultraviolet Communications Over Turbulence Channels. Journal of Optical Communications and Networking, 2017, 9, 109.	4.8	34
88	Optical MIMO-OFDM with Generalized LED Index Modulation. IEEE Transactions on Communications, 2017, , 1-1.	7.8	78
89	Cooperative Visible Light Communications With Full-Duplex Relaying. IEEE Photonics Journal, 2017, 9, 1-11.	2.0	50
90	Finite-SNR Diversity-Multiplexing Tradeoff for Network Coded Cooperative OFDMA Systems. IEEE Transactions on Wireless Communications, 2017, 16, 1385-1396.	9.2	23

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91	Performance analysis and optimization of unipolar OFDM based relay-assisted visible light communications. Optik, 2017, 151, 77-87.	2.9	6
92	A custom-design atmospheric channel emulator for the performance evaluation of free space optical communication systems. , 2017, , .		5
93	On the Effects of Temperature on the Performances of FSO Transmission under Qatar's Climate. , 2017, , .		4
94	Application of standard CMOS photodiodes in optical communication systems. , 2017, , .		0
95	Genetic algorithm based resource allocation technique for VLC networks. , 2017, , .		7
96	Relay-Assisted OFDM for Ultraviolet Communications: Performance Analysis and Optimization. IEEE Transactions on Wireless Communications, 2017, 16, 607-618.	9.2	20
97	Adaptive OFDM-based acoustic underwater transmission: System design and experimental verification. , 2017, , .		14
98	Link Adaptation for MIMO OFDM Visible Light Communication Systems. IEEE Access, 2017, 5, 26006-26014.	4.2	38
99	Performance of multicarrier cooperative communication systems over underwater acoustic channels. IET Communications, 2017, 11, 1941-1951.	2.2	11
100	Handover in VLC networks with coordinated multipoint transmission. , 2017, , .		23
101	Statistical modeling of propagation channels for Terahertz band. , 2017, , .		57
102	On the performance of NCC-OFDMA systems in the presence of carrier frequency offset. , 2017, , .		0
103	Centralized Light Access Network (C-LiAN): A Novel Paradigm for Next Generation Indoor VLC Networks. IEEE Access, 2017, 5, 19703-19710.	4.2	16
104	Effect of eddy diffusivity ratio on underwater optical scintillation index. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2017, 34, 1969.	1.5	83
105	VILDAR: a novel speed estimation system using visible light in vehicles. , 2017, , .		1
106	Comparison of data reduction algorithms for LiDAR-derived digital terrain model generalisation. Area, 2016, 48, 521-532.	1.6	23
107	MAC layer performance of the IEEE 802.15.7 visible light communication standard. Transactions on Emerging Telecommunications Technologies, 2016, 27, 662-674.	3.9	13
108	On the Performance of MIMO OFDM-Based Intra-Vehicular VLC Networks. , 2016, , .		8

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109	Poster: On-board camera video transmission over vehicular VLC. , 2016, , .		5
110	Physical Layer Implementation of Standard Compliant Vehicular VLC. , 2016, , .		20
111	Broadcasting brake lights with MIMO-OFDM based vehicular VLC. , 2016, , .		6
112	Design and Analysis of Broadband Amplify-and-Forward Cooperative Systems: A Fractionally-Spaced Sampling Approach. IEEE Transactions on Signal Processing, 2016, 64, 4936-4951.	5.3	3
113	Link Allocation for Multiuser Systems With Hybrid RF/FSO Backhaul: Delay-Limited and Delay-Tolerant Designs. IEEE Transactions on Wireless Communications, 2016, 15, 3281-3295.	9.2	66
114	Aperture averaging in multiple-input single-output free-space optical systems using partially coherent radial array beams. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2016, 33, 1041.	1.5	23
115	A tutorial on network coded cooperation. IEEE Communications Surveys and Tutorials, 2016, 18, 2970-2990.	39.4	35
116	Bit error rate analysis of MISO FSO systems. Waves in Random and Complex Media, 2016, 26, 642-649.	2.7	5
117	Performance of MIMO enhanced unipolar OFDM with realistic indoor visible light channel models. , 2016, , .		1
118	Performance analysis of MIMO NLOS UV communications over atmospheric turbulence channels. , 2016, , .		5
119	Information theoretical performance analysis and optimisation of cooperative underwater acoustic communication systems. IET Communications, 2016, 10, 812-823.	2.2	19
120	Performance of eU-OFDM based relay-assisted visible light communications. , 2016, , .		4
121	Generalized LED index modulation optical OFDM for MIMO visible light communications systems. , 2016, , .		17
122	Performance analysis of multiple-input multiple-output free-space optical systems with partially coherent Gaussian beams and finite-sized detectors. Optical Engineering, 2016, 55, 111607.	1.0	12
123	Performance of MIMO enhanced unipolar OFDM with realistic indoor visible light channel models. , 2016, , .		2
124	Adaptive relay selection method for asynchronous amplify and forward cooperative communications. , 2016, , .		3
125	Performance analysis of MIMO NLOS UV communications over atmospheric turbulence channels. , 2016, , .		2
126	On the Effects of Combined Atmospheric Fading and Misalignment on the Hybrid FSO/RF Transmission. Journal of Optical Communications and Networking, 2016, 8, 715.	4.8	84

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127	Performance of OFDM-based adaptive visible light communications. , 2016, , .		2
128	The impact of pulse shaping filters on OFDM-based visible light communications. , 2016, , .		3
129	eU-OFDM based multiple access for visible light communication networks. , 2016, , .		0
130	Finite-SNR DMT Analysis for Multisource Multirelay NCC Systems with Imperfect CSI. , 2016, , .		3
131	DCT-OFDM based visible light communications. , 2016, , .		1
132	Comparative performance evaluation of MIMO visible light communication systems. , 2016, , .		8
133	Adaptive free space optical communication system with multiple apertures. , 2016, , .		6
134	Diversity-Multiplexing Tradeoff for Log-Normal Fading Channels. IEEE Transactions on Communications, 2016, 64, 3119-3129.	7.8	18
135	Sparse Channel Estimation and Equalization for OFDM-Based Underwater Cooperative Systems With Amplify-and-Forward Relaying. IEEE Transactions on Signal Processing, 2016, 64, 214-228.	5.3	37
136	Generalized Performance Analysis of Mixed RF/FSO Cooperative Systems. IEEE Transactions on Wireless Communications, 2016, 15, 714-727.	9.2	144
137	Standards for indoor Optical Wireless Communications. , 2015, 53, 24-31.		65
138	Non-orthogonal multiple access (NOMA) for indoor visible light communications. , 2015, , .		95
139	Non-line-of-sight ultraviolet communications over atmospheric turbulence channels. , 2015, , .		6
140	Visible Light Communication for Vehicular Networking: Performance Study of a V2V System Using a Measured Headlamp Beam Pattern Model. IEEE Vehicular Technology Magazine, 2015, 10, 45-53.	3.4	138
141	Channel Modeling and Characterization for Visible Light Communications. IEEE Photonics Journal, 2015, 7, 1-16.	2.0	230
142	Mixed RF and Hybrid RF/FSO Relaying. , 2015, , .		9
143	Software defined VLC system: Implementation and performance evaluation. , 2015, , .		11
144	Effect of partial coherence on MISO FSO systems. , 2015, , .		1

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145	On the performance of SC-FDE schemes with decision feedback equalizer for visible light communications. , 2015, , .		6
146	Outage performance of multi-hop hybrid FSO/RF communication systems. , 2015, , .		10
147	Outage capacity and throughput analysis of multiuser FSO systems. , 2015, , .		14
148	Performance of multiuser scheduling in free space optical systems over atmospheric turbulence channels. IET Optoelectronics, 2015, 9, 275-281.	3.3	8
149	Coordinated Interference Management for Visible Light Communication Systems. Journal of Optical Communications and Networking, 2015, 7, 1098.	4.8	25
150	Investigating performance of Airborne LiDAR data filtering algorithms for DTM generation. Measurement: Journal of the International Measurement Confederation, 2015, 63, 61-68.	5.0	54
151	Fast-Decodable MIMO HARQ Systems. IEEE Transactions on Wireless Communications, 2015, 14, 2827-2840.	9.2	7
152	Aperture averaging in multiple-input single-output free-space optical systems. Optical Engineering, 2015, 54, 066103.	1.0	8
153	Modeling of visible light channels and performance analysis of ACO-OFDM. , 2015, , .		2
154	An investigation of the relationship between land surface temperatures and biophysical indices retrieved from Landsat TM in Afyonkarahisar (Turkey). Tehnicki Vjesnik, 2015, 22, 177-181.	0.2	6
155	A Novel Statistical Channel Model for Turbulence-Induced Fading in Free-Space Optical Systems. Journal of Lightwave Technology, 2015, 33, 2303-2312.	4.6	108
156	Novel channel models for visible light communications. Proceedings of SPIE, 2015, , .	0.8	11
157	Next generation M2M cellular networks: challenges and practical considerations. , 2015, 53, 18-24.		107
158	On the performance of DCO-OFDM visible light communication systems under illumination constraints. , 2015, , .		5
159	On the performance of MIMO FSO communications over Double Generalized Gamma fading channels. , 2015, , .		24
160	Single color networks: OFDM-based visible light broadcasting. , 2015, , .		5
161	Emerging Optical Wireless Communications-Advances and Challenges. IEEE Journal on Selected Areas in Communications, 2015, 33, 1738-1749.	14.0	353
162	Relay-assisted OFDM-based visible light communications over multipath channels. , 2015, , .		14

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163	Relay-Assisted OFDM-Based Visible Light Communications. IEEE Transactions on Communications, 2015, 63, 3765-3778.	7.8	52
164	Markov-based performance analysis of medium access in visible light communications. , 2015, , .		2
165	Evaluation of FSO link throughput in Qatar. , 2015, , .		2
166	Guest Editorial: Optical Wireless Communications. IEEE Journal on Selected Areas in Communications, 2015, 33, 1733-1737.	14.0	19
167	Diversity-multiplexing tradeoff for network coded cooperative OFDMA systems. , 2015, , .		9
168	Performance Analysis of Parallel Relaying in Free-Space Optical Systems. IEEE Transactions on Communications, 2015, 63, 4314-4326.	7.8	15
169	Relay-assisted OFDM for NLOS ultraviolet communication. , 2015, , .		7
170	On the Performance of MIMO Cooperative Transmission for Broadband Vehicular Networks. IEEE Transactions on Vehicular Technology, 2015, 64, 2297-2305.	6.3	10
171	An adaptive modulation scheme for coded free-space optical systems. , 2014, , .		7
172	Optimal Choice of Transmission Parameters for LDPC-Coded CPM. , 2014, , .		3
173	Single photon avalanche diode (SPAD) VLC system and application to downhole monitoring. , 2014, , .		41
174	Risk assessment of coastal erosion of Karasu coast in Black Sea. Journal of Coastal Conservation, 2014, 18, 673-682.	1.6	23
175	Outage analysis of hybrid FSO/RF systems based on finite-state Markov chain modeling. , 2014, , .		25
176	The impact of location errors on achievable rates in OFDM-based multi-user visible light communication systems. , 2014, , .		6
177	On the benefits of cooperation via power control in OFDM-based visible light communication systems. , 2014, , .		12
178	Performance analysis of MIMO FSO systems with radial array beams and finite sized detectors. , 2014, , .		7
179	Device-to-device communication in 5G cellular networks: challenges, solutions, and future directions. IEEE Communications Magazine, 2014, 52, 86-92.	6.1	1,099
180	Analysis of field correlations in atmospheric optical MIMO systems. , 2014, , .		0

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181	Information theoretical performance limits of single-carrier underwater acoustic systems. IET Communications, 2014, 8, 2599-2610.	2.2	5
182	Ray tracing based channel modeling for visible light communications. , 2014, , .		27
183	Indoor channel modelling and characterization for visible light communications. , 2014, , .		29
184	Outage performance analysis of m th best path selection protocol in FSO communications. , 2014, , .		0
185	Optical wireless communications — An emerging technology. , 2014, , .		100
186	Relay selection in FSO systems with all-optical relaying over Gamma-Gamma turbulence channels. , 2014, , .		4
187	Survey on Free Space Optical Communication: A Communication Theory Perspective. IEEE Communications Surveys and Tutorials, 2014, 16, 2231-2258.	39.4	1,606
188	Sparse channel estimation for OFDM-based underwater cooperative systems with amplify-and-forward relaying. , 2014, , .		1
189	Relay-assisted OFDM transmission for indoor visible light communication. , 2014, , .		23
190	Error-Rate Performance Analysis of Cooperative OFDMA System With Decode-and-Forward Relaying. IEEE Transactions on Vehicular Technology, 2014, 63, 2216-2223.	6.3	3
191	Cooperative underwater acoustic communications [Accepted From Open Call]. , 2013, 51, 146-153.		90
192	PHY layer performance evaluation of the IEEE 802.15.7 visible light communication standard. , 2013, , .		25
193	Outage Performance and Diversity Gain Analysis of Free-Space Optical Multi-hop Parallel Relaying. Journal of Optical Communications and Networking, 2013, 5, 901.	4.8	61
194	A novel statistical model for turbulence-induced fading in free-space optical systems. , 2013, , .		17
195	Auction Based Spectrum Trading for Cognitive Radio Networks. IEEE Communications Letters, 2013, 17, 1168-1171.	4.1	23
196	Outage performance of MIMO free-space optical systems in gamma-gamma fading channels. , 2013, , .		10
197	Information theoretic analysis and optimization of underwater acoustic communication systems. , 2013, , .		0
198	Spectrum Trading for Non-Identical Channel Allocation in Cognitive Radio Networks. IEEE Transactions on Wireless Communications, 2013, 12, 5100-5109.	9.2	4

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199	MP-SAGE based channel estimation for underwater cooperative OFDM systems. , 2013, , .		0
200	Performance and Optimization of Network-Coded Cooperative Diversity Systems. IEEE Transactions on Communications, 2013, 61, 1111-1122.	7.8	31
201	Capacity analysis of free space optical links for a partially coherent Gaussian beam over a turbulent channel with pointing errors. , 2013, , .		0
202	Performance of Coherent Differential Phase-Shift Keying Free-Space Optical Communication Systems in M-Distributed Turbulence. Journal of Optical Communications and Networking, 2013, 5, 704.	4.8	25
203	End-to-End Performance of Mixed RF/FSO Transmission Systems. Journal of Optical Communications and Networking, 2013, 5, 1139.	4.8	181
204	Fractionally spaced equalization for broadband amplify-and-forward cooperative systems. , 2013, , .		2
205	Optimal Relay Placement and Diversity Analysis of Relay-Assisted Free-Space Optical Communication Systems. Journal of Optical Communications and Networking, 2013, 5, 37.	4.8	103
206	Joint time offset and fading channel coefficient estimation for cooperative communication systems. , 2013, , .		0
207	Multi-resampling Doppler compensation in cooperative underwater OFDM systems. , 2013, , .		6
208	Performance analysis of MIMO free-space optical communication systems with selection combining. , 2013, , .		4
209	Performance analysis of decode-and-forward multi-hop transmission for vehicular networks. , 2012, , .		0
210	Spectrum sensing of correlated subbands with colored noise in cognitive radios. , 2012, , .		2
211	Sparse underwater acoustic channel estimation in colored gaussian noise. , 2012, , .		1
212	Optimal relay placement in cooperative free-space optical communication systems. , 2012, , .		10
213	Outage Performance and DMT Analysis of DF Parallel Relaying in FSO IM/DD Communications. , 2012, , .		15
214	Performance of cooperative amplify-and-forward protocols in vehicular ad-hoc networks. , 2012, , .		2
215	Outage performance of FSO multi-hop parallel relaying. , 2012, , .		10
216	Outage capacity regions of multicarrier DF relaying in underwater acoustic channels. , 2012, , .		3

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217	Cooperative communication techniques for future-generation HF radios. , 2012, 50, 56-63.		26
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