

Peter G Lopresti

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

154
citations

1684188

5
h-index

1720034

7
g-index

26
all docs

26
docs citations

26
times ranked

100
citing authors

#	ARTICLE	IF	CITATIONS
1	Cognitive Multi-Point Free Space Optical Communication: Real-Time Users Discovery Using Unsupervised Machine Learning. IEEE Access, 2020, 8, 207575-207588.	4.2	15
2	Multi-user detection in optical wireless communication. , 2019, , .		1
3	Number of Users Detection in Multi-Point FSOC Using Unsupervised Machine Learning. IEEE Photonics Technology Letters, 2019, 31, 1811-1814.	2.5	5
4	Multiple access technique in a high-speed free-space optical communication link: independent component analysis. Optical Engineering, 2019, 58, 1.	1.0	7
5	Multi-user FSO communication link. , 2017, , .		8
6	Wide-area and omnidirectional optical detector arrays using modular optical elements. Applied Optics, 2016, 55, 4791.	2.1	6
7	On the Development of Modular Optical Wireless Elements (MOWE). , 2015, , .		5
8	Performance analysis of a fiber-bundle based FSO link. , 2015, , .		1
9	Wavelength dependence of a fiber-bundle based FSO link. , 2014, , .		5
10	Modeling of aerial-to-aerial short-distance free-space optical links. , 2013, , .		4
11	Wavelength agile FSO transceiver. , 2013, , .		1
12	Wavelength agile FSO receiver. , 2013, , .		0
13	Modeling of aerial-to-aerial short-distance free-space optical links. , 2013, , .		5
14	Performance comparison of CSMA/CA Advanced Infrared (AIR) and a new point-to-multipoint optical MAC protocol. , 2012, , .		3
15	Diversity combining for mobile FSO nodes in SIMO setup. , 2011, , .		5
16	Mobile free space optic nodes in single-input multiple-output setup under transmitter misalignment. Wireless Communications and Mobile Computing, 2011, 11, 1540-1550.	1.2	1
17	Selection diversity for wireless optical communications with non-coherent detection without CSI. , 2010, , .		6
18	On the Capacity of Hybrid FSO/RF Links. , 2010, , .		20

#	ARTICLE	IF	CITATIONS
19	Performance evaluation of AODVH: An Ad hoc networking scheme for hybrid nodes. , 2010, , .		4
20	Performance comparison of classic and fuzzy logic controllers for communication airships. , 2009, , .		5
21	Control algorithm development for mobile FSO node alignment. , 2009, , .		10
22	Experimental demonstration/analysis of fiber-bundle-based receiver performance. , 2009, , .		1
23	Dynamic Path Reconfiguration Among Hybrid FSO/RF Nodes. , 2008, , .		15
24	Adaptive divergence and power for improving connectivity in free-space optical mobile networks. Applied Optics, 2006, 45, 6591.	2.1	15
25	Characterization of a differential fiber Bragg grating sensor for oil-water boundary detection. ISA Transactions, 2005, 44, 3-13.	5.7	3
26	Differential strain measurement using multiplexed fiber Bragg grating sensors. ISA Transactions, 2004, 43, 195-204.	5.7	3