

Dominic Schulz

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,092
citations

1307594

7
h-index

1372567

10
g-index

20
all docs

20
docs citations

20
times ranked

1144
citing authors

#	ARTICLE	IF	CITATIONS
1	Coexistence of WiFi and LiFi toward 5G: concepts, opportunities, and challenges. IEEE Communications Magazine, 2016, 54, 64-71.	6.1	375
2	High-speed visible light communication systems. , 2013, 51, 60-66.		371
3	Design and Analysis of a Visible-Light-Communication Enhanced WiFi System. Journal of Optical Communications and Networking, 2015, 7, 960.	4.8	111
4	Optical Wireless MIMO Experiments in an Industrial Environment. IEEE Journal on Selected Areas in Communications, 2018, 36, 185-193.	14.0	68
5	Robust Optical Wireless Link for the Backhaul and Fronthaul of Small Radio Cells. Journal of Lightwave Technology, 2016, 34, 1523-1532.	4.6	44
6	Real-Time Optical Wireless Mobile Communication With High Physical Layer Reliability. Journal of Lightwave Technology, 2019, 37, 1638-1646.	4.6	29
7	Distributed Multiuser MIMO for LiFi in Industrial Wireless Applications. Journal of Lightwave Technology, 2021, 39, 3420-3433.	4.6	24
8	Use of Plastic Optical Fibers for Distributed MIMO in Li-Fi Systems. , 2019, , .		13
9	A Physical Layer for Low Power Optical Wireless Communications. IEEE Transactions on Green Communications and Networking, 2021, 5, 4-17.	5.5	13
10	Real-Time Optical Wireless Communication: Field-Trial in an Industrial Production Environment. , 2018, , .		8
11	Outdoor Measurements Using an Optical Wireless Link for Fixed-Access Applications. Journal of Lightwave Technology, 2019, 37, 634-642.	4.6	7
12	Distributed Multiuser MIMO for LiFi: Experiments in an Operating Room. Journal of Lightwave Technology, 2021, 39, 5730-5743.	4.6	6
13	Analog antenna diversity for reliable optical wireless communication systems. , 2018, , .		5
14	Design of a secure software-defined access network for flexible Industry 4.0 manufacturing - The SESAM-project concept. , 2019, , .		4
15	Techno-Economics of LiFi in IoT Applications. , 2022, , .		4
16	Demonstration of Optical Wireless Communications Using the Pulsed Modulation PHY in IEEE 802.15.13. , 2020, , .		3
17	All-Indoor Optical Customer Premises Equipment for Fixed Wireless Access. , 2021, , .		2
18	LIDAR-Assisted Channel Modelling for LiFi. , 2022, , .		2

#	ARTICLE	IF	CITATIONS
19	LiFi with 5G for the Smart Factory. , 2022, , .		2
20	LIDAR-Assisted Channel Modelling for LiFi in Realistic Indoor Scenarios. IEEE Access, 2022, 10, 59383-59399.	4.2	1