

# Lucie Hudcova

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/877157/publications.pdf>

Version: 2024-02-01

19  
papers

57  
citations

1937685

4  
h-index

2272923

4  
g-index

19  
all docs

19  
docs citations

19  
times ranked

36  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal distribution of the optical intensity within a laser beam for optical wireless communications. IET Optoelectronics, 2015, 9, 263-268.	3.3	14
2	On the derivation of exact analytical FSO link attenuation model. Transactions on Emerging Telecommunications Technologies, 2014, 25, 609-617.	3.9	8
3	Dual optical wireless test link. , 2008, , .		5
4	Influence of the atmospheric turbulence on the laser beam. , 2013, , .		5
5	Experimental measurement of the atmospheric turbulence effects and their influence on performance of fully photonic wireless communication receiver. Physical Communication, 2018, 31, 212-217.	2.1	5
6	Optimal laser diode operating mode with unstable operating temperature in turbulent atmosphere. Proceedings of SPIE, 2008, , .	0.8	4
7	Optical wireless communication transmitter with a refraction beam shaper. , 2014, , .		4
8	Possibilities of Using the Modified Equivalent Temperature Gradient for a Turbulent Atmosphere. , 2019, , .		4
9	Quantification of the atmospheric turbulence by the method of the equivalent temperature gradient. , 2018, , .		3
10	Prediction of atmospheric turbulence on the basis of weather conditions. , 2017, , .		2
11	Retroreflective optical communication. , 2017, , .		2
12	Comparison and evaluation of the laser beam-shaping techniques. , 2013, , .		1
13	Measurement of optical beam for free space optical link. , 2010, , .		0
14	Influence of laser beam profiles on received power fluctuation. , 2011, , .		0
15	Analysis of thermal effects in endoscopic nanocarriers-based photodynamic therapy applied to esophageal diseases. Proceedings of SPIE, 2014, , .	0.8	0
16	Interferometric method for the relative variance of the optical power measurement. , 2014, , .		0
17	LwIP based network solution for MicroBlaze. , 2016, , .		0
18	Improvement of bit error rate in free space optical link. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
19	Calculation of the Applicable Wavelengths in Underwater Communication. , 2021, , .		0