

Federico Dios

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11669938/publications.pdf>

Version: 2024-02-01

11
papers

359
citations

1307594

7
h-index

1474206

9
g-index

11
all docs

11
docs citations

11
times ranked

220
citing authors

#	ARTICLE	IF	CITATIONS
1	Exponentiated Weibull distribution family under aperture averaging for Gaussian beam waves. Optics Express, 2012, 20, 13055.	3.4	148
2	Exponentiated Weibull model for the irradiance probability density function of a laser beam propagating through atmospheric turbulence. Optics and Laser Technology, 2013, 45, 13-20.	4.6	94
3	Probability of fade and BER performance of FSO links over the exponentiated Weibull fading channel under aperture averaging. Proceedings of SPIE, 2012, , .	0.8	26
4	Temporal analysis of laser beam propagation in the atmosphere using computer-generated long phase screens. Optics Express, 2008, 16, 2206.	3.4	22
5	Exponentiated Weibull fading model for free-space optical links with partially coherent beams under aperture averaging. Optical Engineering, 2013, 52, 046003.	1.0	18
6	Wireless Optical Communications Through the Turbulent Atmosphere: A Review. , 0, , .		14
7	Accurate calculation of phase screens for the modelling of laser beam propagation through atmospheric turbulence. , 2005, , .		13
8	Supermode analysis of the three-waveguide nonlinear directional coupler: the critical power. Optics Communications, 1996, 131, 53-60.	2.1	8
9	Reply to comment on "The exponentiated Weibull distribution family under aperture averaging for Gaussian beam waves" Optics Express, 2012, 20, 20684.	3.4	8
10	Aperture averaging in a laser Gaussian beam: simulations and experiments. Proceedings of SPIE, 2010, , .	0.8	5
11	Nonlinear resonant conversion of modes in optical waveguides. Optics Communications, 1995, 118, 28-34.	2.1	3