

Federico Dios

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

359
citations

1307594

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h-index

1474206

9
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11
all docs

11
docs citations

11
times ranked

220
citing authors

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