

Daniele Modotto

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11313874/publications.pdf>

Version: 2024-02-01

13
papers

426
citations

840776

11
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

390
citing authors

#	ARTICLE	IF	CITATIONS
1	Multimode nonlinear fiber optics, a spatiotemporal avenue. APL Photonics, 2019, 4, .	5.7	142
2	Spatiotemporal light-beam compression from nonlinear mode coupling. Physical Review A, 2018, 97, .	2.5	49
3	All optical switching in ultrashort photonic crystal couplers. Optics Communications, 2004, 237, 97-102.	2.1	47
4	Modeling of enhanced field confinement and scattering by optical wire antennas. Optics Express, 2009, 17, 16792.	3.4	34
5	Diffraction engineering in arrays of photonic crystal waveguides. Optics Letters, 2005, 30, 2894.	3.3	30
6	Nonlinear polarization dynamics of Kerr beam self-cleaning in a graded-index multimode optical fiber. Optics Letters, 2019, 44, 171.	3.3	29
7	Seeded intermodal four-wave mixing in a highly multimode fiber. Journal of the Optical Society of America B: Optical Physics, 2018, 35, 295.	2.1	27
8	Imaging Properties of Multimode Photonic Crystal Waveguides and Waveguide Arrays. Journal of Lightwave Technology, 2007, 25, 402-409.	4.6	19
9	Discrete negative refraction in photonic crystal waveguide arrays. Optics Letters, 2006, 31, 1343.	3.3	17
10	Flared Monopole Antennas for 10- μm Radiation. IEEE Journal of Quantum Electronics, 2011, 47, 84-91.	1.9	14
11	Frequency addressing of nano-objects by electrical tuning of optical antennas. Journal of the Optical Society of America B: Optical Physics, 2010, 27, 997.	2.1	12
12	Refractive index profile tailoring of multimode optical fibers for the spatial and spectral shaping of parametric sidebands. Journal of the Optical Society of America B: Optical Physics, 2019, 36, 1117.	2.1	6
13	Optical Guided Wave Switching. Springer Series in Optical Sciences, 2015, , 71-104.	0.7	0