

Mahmoud Mr Elsway

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

185
citations

1478505

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1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

240
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical Optimization Methods for Metasurfaces. Laser and Photonics Reviews, 2020, 14, 1900445.	8.7	100
2	Measurement of ultrafast optical Kerr effect of GeSbSe chalcogenide slab waveguides by the beam self-trapping technique. Optics Communications, 2017, 403, 352-357.	2.1	28
3	Multiobjective Statistical Learning Optimization of RGB Metalens. ACS Photonics, 2021, 8, 2498-2508.	6.6	25
4	Optimization of metasurfaces under geometrical uncertainty using statistical learning. Optics Express, 2021, 29, 29887.	3.4	8
5	Improved nonlinear slot waveguides using dielectric buffer layers: properties of TM waves. Optics Letters, 2016, 41, 1542.	3.3	7
6	Exact calculation of the nonlinear characteristics of 2D isotropic and anisotropic waveguides. Optics Letters, 2018, 43, 2446.	3.3	7
7	Bayesian optimization and rigorous modelling of a highly efficient 3D metamaterial mode converter. OSA Continuum, 2020, 3, 1721.	1.8	5
8	Nonlinear Self-Confined Plasmonic Beams: Experimental Proof. ACS Photonics, 2020, 7, 2562-2570.	6.6	4
9	Spatial Nonlinearity in Anisotropic Metamaterial Plasmonic Slot Waveguides. Plasmonics, 2018, 13, 971-979.	3.4	1