

Ulises Ruiz

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

713
citations

759233

12
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

654
citing authors

#	ARTICLE	IF	CITATIONS
1	Pixelated phase computer holograms for the accurate encoding of scalar complex fields. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2007, 24, 3500.	1.5	362
2	Optical manipulation using optimal annular vortices. Optics Letters, 2016, 41, 4138.	3.3	83
3	Efficient generation of an arbitrary nondiffracting Bessel beam employing its phase modulation. Optics Letters, 2009, 34, 1456.	3.3	43
4	Generation of Airy solitary-like wave beams by acceleration control in inhomogeneous media. Optics Express, 2011, 19, 16448.	3.4	42
5	Efficient generation of periodic and quasi-periodic non-diffractive optical fields with phase holograms. Optics Express, 2011, 19, 10553.	3.4	35
6	Optimum generation of annular vortices using phase diffractive optical elements. Optics Letters, 2015, 40, 1173.	3.3	33
7	Supramolecular Chiral Structures: Smart Polymer Organization Guided by 2D Polarization Light Patterns. Advanced Functional Materials, 2012, 22, 2964-2970.	14.9	27
8	Periodic and quasi-periodic non-diffracting wave fields generated by superposition of multiple Bessel beams. Optics Express, 2007, 15, 16748.	3.4	20
9	Pure two-dimensional polarization patterns for holographic recording. Optics Letters, 2012, 37, 311.	3.3	17
10	Liquid crystal microlens arrays recorded by polarization holography. Applied Optics, 2015, 54, 3303.	2.1	17
11	Single-step polarization holographic method for programmable microlens arrays. Optics Letters, 2012, 37, 4958.	3.3	14
12	Comparing efficiency and accuracy of the kinoform and the helical axicon as Bessel-Gauss beam generators. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2014, 31, 487.	1.5	13
13	Shaping Airy beams by using tunable polarization holograms. Journal of the Optical Society of America B: Optical Physics, 2019, 36, D103.	2.1	3
14	Optimal focusing of a beam in a ring vortex. Optics Communications, 2015, 356, 170-174.	2.1	2
15	Smart Materials: Supramolecular Chiral Structures: Smart Polymer Organization Guided by 2D Polarization Light Patterns (Adv. Funct. Mater. 14/2012). Advanced Functional Materials, 2012, 22, 2882-2882.	14.9	1
16	Generation of vector Bessel beams by using phase elements based on the Jacobi-Anger expansion. , 2017, , .		0