

Salvador Alejandro Juárez-Reyes

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

96
citations

1684188

5
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

52
citing authors

#	ARTICLE	IF	CITATIONS
1	Geometrical characterization of nondiffracting beams: geometric optical current and geometric vorticity for Bessel beams. <i>Journal of Optics (United Kingdom)</i> , 2019, 21, 035603.	2.2	2
2	The wire optical test: a thorough analytical study in and out of caustic surface, and advantages of a dynamical adaptation. <i>Journal of Optics (United Kingdom)</i> , 2018, 20, 035602.	2.2	2
3	Wavefronts, actions and caustics determined by the probability density of an Airy beam. <i>Journal of Optics (United Kingdom)</i> , 2018, 20, 075602.	2.2	9
4	Wavefronts and caustics associated with Mathieu beams. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2018, 35, 267.	1.5	30
5	Approaching all the configurations for the analytical ronchigram in relation to the caustic region for an arbitrary plano-convex lens. <i>Journal of Optics (United Kingdom)</i> , 2018, 20, 075611.	2.2	1
6	Superposition of Bessel beams: geometrical wavefronts, light rays, caustic, intensity patterns and experimental generation. <i>Journal of Optics (United Kingdom)</i> , 2018, 20, 085608.	2.2	5
7	Wavefronts and caustic associated with Durnin's beams. <i>Journal of Optics (United Kingdom)</i> , 2017, 19, 015603.	2.2	14
8	Towards the Ronchi test for gravitational lenses: the gravitoronchigram. <i>Journal of Optics (United Kingdom)</i> , 2017, 19, 015604.	2.2	4
9	Optical scalars and congruences of light rays: A link between beams and analytic aberrations. <i>Physical Review A</i> , 2017, 96, .	2.5	2
10	Internal structure of an optical null Ronchi grating test for a plano-parabolic lens. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2016, 33, 44.	1.5	3
11	Wavefronts, light rays and caustic associated with the refraction of a spherical wave by two interfaces: the axicon and the plano-convex parabolic lenses. <i>Journal of Optics (United Kingdom)</i> , 2015, 17, 065604.	2.2	7
12	Wavefronts, caustic, ronchigram, and null ronchigrating of a plane wave refracted by an axicon lens. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2014, 31, 448.	1.5	17