

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