

Luis Castañeda

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8772409/publications.pdf>

Version: 2024-02-01

10
papers

177
citations

932766

10
h-index

1372195

10
g-index

10
all docs

10
docs citations

10
times ranked

150
citing authors

#	ARTICLE	IF	CITATIONS
1	Analytic conic constants to reduce the spherical aberration of a single lens used in collimated light. Applied Optics, 2017, 56, 6244.	0.9	12
2	Design of Hartmann type null screens for testing a plano-convex aspheric lens with a CCD sensor inside the caustic. Optics Express, 2016, 24, 19405.	1.7	14
3	Analytic aspheric coefficients to reduce the spherical aberration of lens elements used in collimated light. Applied Optics, 2014, 53, 4939.	0.9	13
4	Chromium and Ruthenium-Doped Zinc Oxide Thin Films for Propane Sensing Applications. Sensors, 2013, 13, 3432-3444.	2.1	27
5	Caustics in a meridional plane produced by concave conic mirrors. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2012, 29, 1977.	0.8	12
6	Caustics in a meridional plane produced by plano-convex conic lenses. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2011, 28, 2619.	0.8	24
7	Null Ronchi-Hartmann test for a lens. Optics Express, 2010, 18, 21131.	1.7	25
8	Properties of caustics produced by a positive lens: meridional rays. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2010, 27, 2252.	0.8	20
9	Caustics and wavefronts by multiple reflections in a circular surface. American Journal of Physics, 2010, 78, 1195-1198.	0.3	11
10	Synthesis and structural characterization of novel flower-like titanium dioxide nanostructures. Physica B: Condensed Matter, 2007, 390, 143-146.	1.3	19