

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