

HÃ©ctor A Chaparro-Romo

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

175
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1478505

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1372567

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all docs

37
docs citations

37
times ranked

38
citing authors

#	ARTICLE	IF	CITATIONS
1	Exact equations for stigmatic singlet design meeting the Abbe sine condition. Optics Communications, 2021, 479, 126415.	2.1	15
2	General mirror formula for adaptive optics. Applied Optics, 2021, 60, 375.	1.8	4
3	General stigmatic surfaces. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2021, 38, 298.	1.5	6
4	Bidirectional wavefront transfer function lens. Optics Communications, 2021, 498, 127215.	2.1	2
5	Analytic solution of the eikonal for a stigmatic singlet lens. Physica Scripta, 2020, 95, 085201.	2.5	8
6	Analytic aplanatic singlet lens: setting and design for three-point objects and images in the meridional plane. Optical Engineering, 2020, 59, 1.	1.0	7
7	General formula to design a freeform singlet free of spherical aberration and astigmatism: reply. Applied Optics, 2020, 59, 3425.	1.8	1
8	Uniqueness of stigmatic solutions. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2020, 37, 1832.	1.5	2
9	General formula to design a freeform singlet free of spherical aberration and astigmatism. Applied Optics, 2019, 58, 1010.	1.8	32
10	General formula for bi-aspheric singlet lens design free of spherical aberration. Applied Optics, 2018, 57, 9341.	1.8	52
11	Aplanatic singlet lens: general setting, part 2. , 0, , .		0
12	Topology of on-axis stigmatic lenses. , 0, , .		0
13	Aplanatic singlet lens: general setting, part 1. , 0, , .		0
14	An introduction to geometrical optics. , 0, , 3-1-3-18.		1
15	On-axis spherochromatic singlet. , 0, , .		0
16	The stigmatic lens generated by Cartesian ovals. , 0, , .		0
17	Algorithms for stigmatic design. , 0, , .		0
18	The Maxwell equations. , 0, , .		0

#	ARTICLE	IF	CITATIONS
19	Stigmatism and stigmatic reflective surfaces. , 0, , .		0
20	The general equation of the stigmatic lenses. , 0, , .		0
21	Optics of variations. , 0, , .		0
22	On-axis astigmatic freeform lens. , 0, , .		0
23	On-axis stigmatic freeform lens. , 0, , .		0
24	On-axis sequential refractiveâ€“reflective telescope. , 0, , .		0
25	On-axis sequential optical systems. , 0, , .		0
26	The gaxicon. , 0, , .		0
27	On-axis stigmatic aspheric lens. , 0, , .		0
28	A brief history of stigmatic lens design. , 0, , .		0
29	Off-axis stigmatic lens. , 0, , .		0
30	Geometry of on-axis stigmatic lenses. , 0, , .		0
31	Stigmatic refractive surfaces: the Cartesian ovals. , 0, , .		0
32	The stigmatic lens and the Cartesian ovals. , 0, , .		0
33	The general equation of the Cartesian oval. , 0, , .		0
34	The eikonal equation. , 0, , 2-1-2-13.		1