

Irina Livshits

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

82
citations

1937685
4
h-index

1588992
8
g-index

33
all docs

33
docs citations

33
times ranked

22
citing authors

#	ARTICLE	IF	CITATIONS
1	Design strategy and management of aberration correction process for lens with high complexity index. Scientific and Technical Journal of Information Technologies, Mechanics and Optics, 2021, 21, 40-51.	0.2	0
2	Balancing optical system design and optical fabrication chain design. , 2021, , .		0
3	PanDao fabrication cost impact analysis software tool for optical designers. EPJ Web of Conferences, 2020, 238, 03014.	0.3	1
4	Producibility analysis of lens system during optical design stage. Scientific and Technical Journal of Information Technologies, Mechanics and Optics, 2020, 20, 625-633.	0.2	0
5	Interdisciplinary approach for simulation of starting points for optical and architectural design. Advanced Optical Technologies, 2019, 8, 135-144.	1.7	2
6	Trends in optical design from 1988 to 2018 where to from here?. Advanced Optical Technologies, 2018, 7, 335-341.	1.7	3
7	Practical use of saddle-point construction in lens design. , 2018, , .		1
8	An application of the virtual prototyping approach to design of VR, AR, and MR devices free from the vergence-accommodation conflict. , 2018, , .		3
9	Virtual prototyping as an approach to optimizing starting point selection in a mass production of camera lenses. , 2018, , .		1
10	Peculiarities of optical element manufacturing in the Chinese optical industry. , 2018, , .		1
11	Design of lenses for deep-water applications. , 2018, , .		0
12	Analysis of the visual perception conflicts in designing mixed reality systems. , 2018, , .		3
13	Design of an ultraviolet projection lens by using a global search algorithm and computer optimization. Advanced Optical Technologies, 2017, 6, 31-38.	1.7	7
14	One-dimensional searches for finding new lens design solutions efficiently. Applied Optics, 2016, 55, 10449.	2.1	24
15	Aberration vignetting phenomena and its visualization in wide angular objectives. Proceedings of SPIE, 2016, , .	0.8	1
16	Project Adopsys as an example of international collaboration in the field of photonics. , 2015, , .		0
17	Double degree master program: Optical Design. Proceedings of SPIE, 2015, , .	0.8	3
18	Practical tutorial: A simple strategy to start a pinhole lens design. Advanced Optical Technologies, 2015, 4, 413-427.	1.7	4

#	ARTICLE	IF	CITATIONS
19	Concept of the International Project University: learning without borders. Proceedings of SPIE, 2014, , .	0.8	0
20	Using saddle points for challenging optical design tasks. Proceedings of SPIE, 2014, , .	0.8	3
21	Educational Opportunities via Distance Learning System. Applied Mechanics and Materials, 2014, 565, 183-186.	0.2	1
22	Hybrid miniature objectives using freeform and binary surfaces for digital applications. Optical Review, 2013, 20, 355-360.	2.0	1
23	Maintaining and Updating the Storing Data by the Control Points. Applied Mechanics and Materials, 2013, 457-458, 793-796.	0.2	1
24	Q and A tutorial on optical design. Advanced Optical Technologies, 2013, 2, 31-39.	1.7	5
25	Easy and pleasant learning concept in optical design. , 2013, , .		1
26	Catadioptric varifocal objective. , 2012, , .		2
27	Method of zoom lenses aberrations analysis. , 2012, , .		1
28	Parametric synthesis of three-mirrors optical systems. Proceedings of SPIE, 2011, , .	0.8	1
29	Distance Teaching in Optical Design. Advances in Intelligent and Soft Computing, 2011, , 437-444.	0.2	2
30	Choosing an optical setup and designing compact objectives for mobile telephones. Journal of Optical Technology (A Translation of Opticheskii Zhurnal), 2009, 76, 268.	0.4	2
31	Choosing the starting system for designing objectives. Journal of Optical Technology (A Translation) Tj ETQq1 1 0.784314 rgBT /Over 0,4 3	0.4	3
32	Features of the design of optical systems for protection and security. Journal of Optical Technology (A Translation of Opticheskii Zhurnal), 2006, 73, 193.	0.4	0
33	Wide-angle spectral imaging using a Fabry-P'erot interferometer. Journal of the European Optical Society-Rapid Publications, 0, 10, .	1.9	5