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	One-dimensional searches for finding new lens design solutions efficiently. Applied Optics, 2016, 55, 10449.	2.1	24
2	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
3	Q and A tutorial on optical design. Advanced Optical Technologies, 2013, 2, 31-39.	1.7	5
4	Wide-angle spectral imaging using a Fabry-P'erot interferometer. Journal of the European Optical Society-Rapid Publications, 0, 10, .	1.9	5
5	Practical tutorial: A simple strategy to start a pinhole lens design. Advanced Optical Technologies, 2015, 4, 413-427.	1.7	4
6	Choosing the starting system for designing objectives. Journal of Optical Technology (A Translation) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.4	3
7	Using saddle points for challenging optical design tasks. Proceedings of SPIE, 2014, , .	0.8	3
8	Double degree master program: Optical Design. Proceedings of SPIE, 2015, , .	0.8	3
9	Trends in optical design from 1988 to 2018â€¦ where to from here?. Advanced Optical Technologies, 2018, 7, 335-341.	1.7	3
10	An application of the virtual prototyping approach to design of VR, AR, and MR devices free from the vergence-accommodation conflict. , 2018, , .		3
11	Analysis of the visual perception conflicts in designing mixed reality systems. , 2018, , .		3
12	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
13	Catadioptric varifocal objective. , 2012, , .		2
14	Interdisciplinary approach for simulation of starting points for optical and architectural design. Advanced Optical Technologies, 2019, 8, 135-144.	1.7	2
15	Distance Teaching in Optical Design. Advances in Intelligent and Soft Computing, 2011, , 437-444.	0.2	2
16	Parametric synthesis of three-mirrors optical systems. Proceedings of SPIE, 2011, , .	0.8	1
17	Method of zoom lenses aberrations analysis. , 2012, , .		1
18	Hybrid miniature objectives using freeform and binary surfaces for digital applications. Optical Review, 2013, 20, 355-360.	2.0	1

#	Article	IF	Citations
19	Maintaining and Updating the Storing Data by the Control Points. Applied Mechanics and Materials, 2013, 457-458, 793-796.	0.2	1
20	Educational Opportunities via Distance Learning System. Applied Mechanics and Materials, 2014, 565, 183-186.	0.2	1
21	Aberration vignetting phenomena and its visualization in wide angular objectives. Proceedings of SPIE, 2016, , .	0.8	1
22	PanDao fabrication cost impact analysis software tool for optical designers. EPJ Web of Conferences, 2020, 238, 03014.	0.3	1
23	Practical use of saddle-point construction in lens design. , 2018, , .		1
24	Easy and pleasant learning concept in optical design. , 2013, , .		1
25	Virtual prototyping as an approach to optimizing starting point selection in a mass production of camera lenses. , 2018, , .		1
26	Peculiarities of optical element manufacturing in the Chinese optical industry. , 2018, , .		1
27	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
28	Concept of the International Project University: learning without borders. Proceedings of SPIE, 2014, , .	0.8	0
29	Project Adopsys as an example of international collaboration in the field of photonics. , 2015, , .		0
30	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
31	Balancing optical system design and optical fabrication chain design. , 2021, , .		0
32	Design of lenses for deep-water applications. , 2018, , .		0
33	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