

Jun Zhu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3273398/publications.pdf>

Version: 2024-02-01

17
papers

493
citations

933447

10
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

95
citing authors

#	ARTICLE	IF	CITATIONS
1	Automated design of freeform imaging systems. <i>Light: Science and Applications</i> , 2017, 6, e17081-e17081.	16.6	119
2	Direct design of freeform surfaces and freeform imaging systems with a point-by-point three-dimensional construction-iteration method. <i>Optics Express</i> , 2015, 23, 10233.	3.4	97
3	Design method of freeform off-axis reflective imaging systems with a direct construction process. <i>Optics Express</i> , 2014, 22, 9193.	3.4	78
4	Towards automatic freeform optics design: coarse and fine search of the three-mirror solution space. <i>Light: Science and Applications</i> , 2021, 10, 65.	16.6	32
5	Multiple surface expansion method for design of freeform imaging systems. <i>Optics Express</i> , 2018, 26, 2983.	3.4	26
6	Optical design of the freeform reflective imaging system with wide rectangular FOV and low F-number. <i>Results in Physics</i> , 2019, 15, 102688.	4.1	21
7	Design method for assembly-insensitive freeform reflective optical systems. <i>Optics Express</i> , 2018, 26, 27798.	3.4	19
8	Freeform off-axis optical system with multiple sets of performance integrations. <i>Optics Letters</i> , 2019, 44, 3362.	3.3	18
9	Imaging spectrometer with single component of freeform concave grating. <i>Optics Letters</i> , 2021, 46, 3412.	3.3	14
10	Transverse image translation using an optical freeform single lens. <i>Applied Optics</i> , 2015, 54, E55.	2.1	12
11	Simultaneous improvement of field-of-view and resolution in an imaging optical system. <i>Optics Express</i> , 2021, 29, 9346.	3.4	12
12	Design method for freeform optical systems containing diffraction gratings. <i>Optics Express</i> , 2018, 26, 20792.	3.4	10
13	Design of an oblique camera based on a field-dependent parameter. <i>Applied Optics</i> , 2019, 58, 5650.	1.8	10
14	Freeform imaging system with resolution that varies with the field angle in two dimensions. <i>Optics Express</i> , 2021, 29, 37354.	3.4	8
15	Fast automatic design method for freeform imaging systems through system construction and correction. <i>Optics Letters</i> , 2020, 45, 5140.	3.3	8
16	Automatic design method of starting points of freeform off-axis reflective imaging systems of small volume. <i>Optics Express</i> , 2022, 30, 7954.	3.4	7
17	Design of a freeform imaging spectrometer based on a solution-diversified automatic design method. <i>Optics Express</i> , 2021, 29, 37476.	3.4	2