

Jun Zhu

List of Publications by Year in descending order

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17
papers

493
citations

933447

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h-index

888059

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17
all docs

17
docs citations

17
times ranked

95
citing authors

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