

Zexin Feng

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

992
citations

687363

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794594

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24
all docs

24
docs citations

24
times ranked

349
citing authors

#	ARTICLE	IF	CITATIONS
1	Designing double freeform surfaces for large ray bending irradiance tailoring of extended LED sources. Optics Express, 2021, 29, 13469.	3.4	7
2	Iterative freeform lens design for optical field control. Photonics Research, 2021, 9, 1775.	7.0	8
3	Optimizing freeform lenses for non-rectangular irradiance tailoring of extended LED sources. , 2021, , .		0
4	Iterative freeform lens design for prescribed irradiance on curved target. Opto-Electronic Advances, 2020, 3, 200010-200010.	13.3	12
5	Over compensation algorithm for laser beam shaping using a deformable freeform mirror. Optik, 2019, 198, 163250.	2.9	3
6	Iterative wavefront tailoring to simplify freeform optical design for prescribed irradiance. Optics Letters, 2019, 44, 2274.	3.3	28
7	Transferring freeform lens design into phase retrieval through intermediate irradiance transport. Optics Letters, 2019, 44, 5501.	3.3	14
8	Optimal transport theory to simplify freeform design. , 2019, , .		0
9	Design of Freeform Illumination Optics. Laser and Photonics Reviews, 2018, 12, 1700310.	8.7	103
10	Freeform road lighting lens design. , 2018, , .		1
11	Freeform lens design for laser diode beam shaping. , 2018, , .		1
12	Optimizing double freeform surfaces for reducing deviations in ray-mapping method. , 2018, , .		0
13	Simplified freeform optics design for complicated laser beam shaping. Applied Optics, 2017, 56, 9308.	1.8	40
14	Freeform illumination optics construction following an optimal transport map. Applied Optics, 2016, 55, 4301.	2.1	60
15	Composite method for precise freeform optical beam shaping. Applied Optics, 2015, 54, 9364.	2.1	19
16	Deconvolution method in designing freeform lens array for structured light illumination. Applied Optics, 2015, 54, 1114.	1.8	10
17	Tailoring freeform illumination optics in a double-pole coordinate system. Applied Optics, 2015, 54, 2395.	1.8	39
18	Freeform illumination lens design using composite ray mapping. Applied Optics, 2015, 54, 498.	1.8	65

#	ARTICLE	IF	CITATIONS
19	Creating unconventional geometric beams with large depth of field using double freeform-surface optics. Applied Optics, 2015, 54, 6277.	2.1	28
20	Focal-plane irradiance tailoring using the concept of Woofer-Tweeter deformable mirrors. Optics Express, 2014, 22, 8871.	3.4	2
21	Beam shaping system design using double freeform optical surfaces. Optics Express, 2013, 21, 14728.	3.4	69
22	Designing double freeform optical surfaces for controlling both irradiance and wavefront. Optics Express, 2013, 21, 28693.	3.4	87
23	Design of compact and smooth free-form optical system with uniform illuminance for LED source. Optics Express, 2010, 18, 9055.	3.4	250
24	Design of LED freeform optical system for road lighting with high luminance/illuminance ratio. Optics Express, 2010, 18, 22020.	3.4	146