

Andrea Toulouse

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2086706/publications.pdf>

Version: 2024-02-01

10
papers

169
citations

1684188

5
h-index

2053705

5
g-index

10
all docs

10
docs citations

10
times ranked

151
citing authors

#	ARTICLE	IF	CITATIONS
1	Stitching-free 3D printing of millimeter-sized highly transparent spherical and aspherical optical components. <i>Optical Materials Express</i> , 2020, 10, 2370.	3.0	41
2	Tailored micro-optical freeform holograms for integrated complex beam shaping. <i>Optica</i> , 2020, 7, 1279.	9.3	41
3	3D-printed miniature spectrometer for the visible range with a 100 Å— 100 μm footprint. <i>Light Advanced Manufacturing</i> , 2021, 2, 20.	5.1	38
4	Alignment-free integration of apertures and nontransparent hulls into 3D-printed micro-optics. <i>Optics Letters</i> , 2018, 43, 5283.	3.3	24
5	Ultra-compact 3D-printed wide-angle cameras realized by multi-aperture freeform optical design. <i>Optics Express</i> , 2022, 30, 707.	3.4	21
6	Fast and comfortable GPU-accelerated wave-optical simulation for imaging properties and design of highly aspheric 3D-printed freeform microlens systems. , 2019, , .		3
7	Virtual reality headset using a gaze-synchronized display system. , 2019, , .		1
8	Stitching-free 3D printing of millimeter-sized highly transparent spherical and aspherical optical components. , 2021, , .		0
9	Translating optical design freedom into 3D printed complex micro-optics (Conference Presentation). , 2020, , .		0
10	Micro-3D-printed multi-aperture freeform ultra-wide-angle systems: production, characterization, and correction. , 2022, , .		0