

Jakub BÄ›lÄ- n

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6607125/publications.pdf>

Version: 2024-02-01

23
papers

80
citations

1478505

6
h-index

1474206

9
g-index

23
all docs

23
docs citations

23
times ranked

29
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical simulation of quantum mechanics on the Möbius strip, Klein's bottle and other manifolds, and Talbot effect. <i>New Journal of Physics</i> , 2021, 23, 033003.	2.9	0
2	Lens Stars and Platonic Lenses: Connecting Transformation Optics and Kepler Problem. , 2021, , .		0
3	Lens stars and Platonic lenses. <i>Optics Express</i> , 2021, 29, 42055.	3.4	0
4	Transformation cosmology. <i>Physical Review A</i> , 2020, 102, .	2.5	16
5	Optical triangulations of curved spaces. <i>Optica</i> , 2020, 7, 142.	9.3	6
6	Combinations of generalized lenses that satisfy the edge-imaging condition of transformation optics. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2020, 37, 305.	1.5	5
7	Quantum mechanics and Talbot revivals on a tetrahedron. <i>Physical Review A</i> , 2019, 100, .	2.5	2
8	Arrays of dark optical traps on a toroidal surface. <i>Physical Review A</i> , 2019, 99, .	2.5	0
9	Imaging with two skew ideal lenses. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2019, 36, 132.	1.5	7
10	Ideal-lens cloaks and new cloaking strategies. <i>Optics Express</i> , 2019, 27, 37327.	3.4	8
11	Talbot effect for gratings with diagonal symmetry. <i>Journal of Optics (United Kingdom)</i> , 2018, 20, 025604.	2.2	7
12	Ray-optical transformation optics with ideal thin lenses makes omnidirectional lenses. <i>Optics Express</i> , 2018, 26, 17872.	3.4	14
13	Optical simulation of curved 2D and 3D spaces. , 2018, , .		0
14	Arrays of dark optical traps on a toroidal surface. , 2018, , .		0
15	Image rotation with three skew lenses. , 2018, , .		0
16	Description of pairs of skew lenses as a single lens. , 2017, , .		0
17	Ideal-lens cloak and omnidirectional lens. , 2017, , .		0
18	Ideal-lens stars. , 2017, , .		0

#	ARTICLE	IF	CITATIONS
19	Imaging with pairs of skew lenses. , 2017, , .		0
20	Experimental realisability of lens cloaks. , 2017, , .		0
21	Ray optics of generalized lenses. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2016, 33, 962.	1.5	12
22	Progress towards omnidirectional transformation optics with lenses. Proceedings of SPIE, 2016, , .	0.8	0
23	Skew-Lens Image Rotator. Optics Express, 0, , .	3.4	3