

Zhangrong Mei

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8917113/publications.pdf>

Version: 2024-02-01

28
papers

720
citations

687363

13
h-index

526287

27
g-index

28
all docs

28
docs citations

28
times ranked

135
citing authors

#	ARTICLE	IF	CITATIONS
1	Cosine-Gaussian Schell-model sources. <i>Optics Letters</i> , 2013, 38, 2578.	3.3	153
2	Random sources for rotating spectral densities. <i>Optics Letters</i> , 2017, 42, 255.	3.3	81
3	Electromagnetic multi-Gaussian Schell-model beams. <i>Journal of Optics (United Kingdom)</i> , 2013, 15, 025705.	2.2	71
4	Gaussian Schell-model arrays. <i>Optics Letters</i> , 2015, 40, 5662.	3.3	65
5	Two types of sinc Schell-model beams and their propagation characteristics. <i>Optics Letters</i> , 2014, 39, 4188.	3.3	47
6	Electromagnetic cosine-Gaussian Schell-model beams in free space and atmospheric turbulence. <i>Optics Express</i> , 2013, 21, 27246.	3.4	40
7	Light sources generating self-splitting beams and their propagation in non-Kolmogorov turbulence. <i>Optics Express</i> , 2014, 22, 13029.	3.4	30
8	Alternating series of cross-spectral densities. <i>Optics Letters</i> , 2015, 40, 2473.	3.3	25
9	Twisted EM beams with structured correlations. <i>Optics Letters</i> , 2018, 43, 3905.	3.3	24
10	Electromagnetic sinc Schell-model beams and their statistical properties. <i>Optics Express</i> , 2014, 22, 22534.	3.4	19
11	Sources for random arrays with structured complex degree of coherence. <i>Optics Letters</i> , 2018, 43, 2676.	3.3	19
12	Random sources generating ring-shaped optical lattice. <i>Optics Communications</i> , 2016, 381, 222-226.	2.1	17
13	Self-focusing vortex beams. <i>Optics Letters</i> , 2021, 46, 2384.	3.3	17
14	Propagation of Gaussian Schell-model Array beams in free space and atmospheric turbulence. <i>Optics and Laser Technology</i> , 2016, 86, 14-20.	4.6	13
15	Modeling for Partially Spatially Coherent Vortex Beams. <i>IEEE Photonics Journal</i> , 2017, 9, 1-6.	2.0	12
16	Asymmetric coherence gratings. <i>Optics Letters</i> , 2020, 45, 1366.	3.3	12
17	Hyperbolic sine-correlated beams. <i>Optics Express</i> , 2019, 27, 7491.	3.4	11
18	Radial Gaussian-Schell-model array beams in oceanic turbulence. <i>Applied Physics B: Lasers and Optics</i> , 2017, 123, 1.	2.2	10

#	ARTICLE	IF	CITATIONS
19	Multi-sinc Schell-model beams and the interaction with a linear random medium. Laser Physics Letters, 2015, 12, 095002.	1.4	9
20	Modified Bessel-correlated vortex beams and their propagation properties. Optics and Laser Technology, 2020, 126, 106088.	4.6	8
21	Generalized Schell-model sources. Optics Express, 2020, 28, 39058.	3.4	7
22	Radially polarized twisted Multi-Gaussian Schell-model beams and their statistical properties. Optics Communications, 2020, 477, 126321.	2.1	6
23	Special correlation model sources producing a self-focusing field. Optics Express, 2021, 29, 25337.	3.4	6
24	Propagation characteristics of a partially coherent self-shifting beam in random media. Applied Optics, 2020, 59, 1834.	1.8	5
25	Cross-spectral densities with helical-Cartesian phases. Optics Express, 2020, 28, 20438.	3.4	5
26	Linear Combinations of the Complex Degrees of Coherence. Photonics, 2021, 8, 146.	2.0	4
27	Electromagnetic sinc Schell-Model Vortex Beams. IEEE Photonics Journal, 2019, 11, 1-8.	2.0	2
28	Random sources with rectangular coherence. Optics Express, 2022, 30, 23284.	3.4	2