

Sushanta Kumar Pal

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

415
citations

840776

11
h-index

752698

20
g-index

27
all docs

27
docs citations

27
times ranked

150
citing authors

#	ARTICLE	IF	CITATIONS
1	Tailoring polarization singularity lattices by phase engineering of three-beam interference. <i>Optik</i> , 2022, 255, 168680.	2.9	3
2	Focal intensity landscapes of tightly focused spatially varying bright ellipse fields. <i>Journal of Optics (United Kingdom)</i> , 2022, 24, 044013.	2.2	4
3	Reconfigurable Optical Magnetometer for Static and Dynamic Fields. <i>Advanced Optical Materials</i> , 2021, 9, 2001574.	7.3	14
4	Corrigendum to "Phase Singularities to Polarization Singularities". <i>International Journal of Optics</i> , 2021, 2021, 1-1.	1.4	0
5	Full Poincaré beam delineation based on the Stokes vortex ring. <i>Journal of Optics (United Kingdom)</i> , 2021, 23, 105201.	2.2	3
6	Conversion of a basis-dependent superposition of orbital-angular-momentum states using a q plate. <i>Physical Review A</i> , 2021, 104, .	2.5	2
7	Handedness control in polarization lattice fields by using spiral phase filters. <i>Applied Physics Letters</i> , 2021, 119, .	3.3	2
8	Phase Singularities to Polarization Singularities. <i>International Journal of Optics</i> , 2020, 2020, 1-33.	1.4	59
9	Index parity inversion by helicity inversion in Stokes vortices. <i>Applied Physics Letters</i> , 2020, 117, .	3.3	7
10	Formation of polarization singularity lattice through dual-phase modulation. <i>Journal of Optics (United Kingdom)</i> , 2020, 22, 115701.	2.2	4
11	Use of q-plate as a coupler. <i>Applied Optics</i> , 2020, 59, 4933.	1.8	6
12	Non-interferometric technique to realize vector beams embedded with polarization singularities. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2020, 37, 1043.	1.5	30
13	Non-interferometric technique to realize vector beams embedded with polarization singularities: publisher's note. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2020, 37, 1905.	1.5	0
14	Basis construction using generic orthogonal C-points. <i>Journal of Optics (United Kingdom)</i> , 2019, 21, 085603.	2.2	5
15	Generation of orthogonal lattice fields. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2019, 36, 853.	1.5	7
16	Synthesis of Stokes vortices. <i>Optics Letters</i> , 2019, 44, 130.	3.3	22
17	Hexagonal vector field of polarization singularities with a gradient basis structure. <i>Optics Letters</i> , 2019, 44, 2093.	3.3	6
18	Spatially varying lattice of C points. <i>OSA Continuum</i> , 2019, 2, 416.	1.8	4

#	ARTICLE	IF	CITATIONS
19	Lattice of C points at intensity nulls. Optics Letters, 2018, 43, 1259.	3.3	27
20	Phase engineering methods in polarization singularity lattice generation. OSA Continuum, 2018, 1, 193.	1.8	12
21	C-point and V-point singularity lattice formation and index sign conversion methods. Optics Communications, 2017, 393, 156-168.	2.1	53
22	Separation of spin and orbital angular momentum states from cylindrical vector beams. Optik, 2017, 132, 121-126.	2.9	5
23	Polarization singularity index sign inversion by a half-wave plate. Applied Optics, 2017, 56, 6181.	1.8	40
24	Generation of V-point polarization singularity lattices. Optics Express, 2017, 25, 19326.	3.4	48
25	Cultivation of lemon fields. Optics Express, 2016, 24, 28008.	3.4	38
26	Singularities in cylindrical vector beams. Journal of Modern Optics, 2015, 62, 1068-1075.	1.3	14
27	Helicity inversion and generation of orthogonal, degenerate index states of generic C points. Journal of Optics (United Kingdom), 0, , .	2.2	0