

He-xiang He

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1056983/publications.pdf>

Version: 2024-02-01

13
papers

375
citations

1163117

8
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

239
citing authors

#	ARTICLE	IF	CITATIONS
1	Image restoration through thin turbid layers by correlation with a known object. Optics Express, 2013, 21, 12539.	3.4	95
2	High speed color imaging through scattering media with a large field of view. Scientific Reports, 2016, 6, 32696.	3.3	79
3	Extended depth-resolved imaging through a thin scattering medium with PSF manipulation. Scientific Reports, 2018, 8, 4585.	3.3	59
4	Imaging objects through scattering layers and around corners by retrieval of the scattered point spread function. Optics Express, 2017, 25, 32829.	3.4	49
5	Excited states of two-dimensional solitons supported by spin-orbit coupling and field-induced dipole-dipole repulsion. Physical Review A, 2018, 97, .	2.5	20
6	Exploiting the point spread function for optical imaging through a scattering medium based on deconvolution method. Journal of Innovative Optical Health Sciences, 2019, 12, .	1.0	17
7	Controlled light field concentration through turbid biological membrane for phototherapy. Biomedical Optics Express, 2015, 6, 2237.	2.9	13
8	Discrete quantum droplets in one-dimensional optical lattices. Chaos, Solitons and Fractals, 2021, 152, 111313.	5.1	13
9	Cross-symmetry breaking of two-component discrete dipolar matter-wave solitons. Frontiers of Physics, 2017, 12, 1.	5.0	9
10	An improved wavefront determination method based on phase conjugation for imaging through thin scattering medium. Journal of Optics (United Kingdom), 2016, 18, 085604.	2.2	8
11	Matter-wave solitons supported by quadrupole-quadrupole interactions and anisotropic discrete lattices. International Journal of Modern Physics B, 2018, 32, 1850107.	2.0	5
12	Memory Effect Based Filter to Improve Imaging Quality Through Scattering Layers. IEEE Photonics Journal, 2018, 10, 1-10.	2.0	5
13	Robust Geometric Phase of Bloch Sphere Deformation in Quasiphase Matched Structures. IEEE Photonics Journal, 2022, 14, 1-6.	2.0	3