

# He-xiang He

## List of Publications by Year in descending order

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docs citations

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#	ARTICLE	IF	CITATIONS
1	Robust Geometric Phase of Bloch Sphere Deformation in Quasiphase Matched Structures. IEEE Photonics Journal, 2022, 14, 1-6.	2.0	3
2	Discrete quantum droplets in one-dimensional optical lattices. Chaos, Solitons and Fractals, 2021, 152, 111313.	5.1	13
3	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
4	Matter-wave solitons supported by quadrupole-quadrupole interactions and anisotropic discrete lattices. International Journal of Modern Physics B, 2018, 32, 1850107.	2.0	5
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	Extended depth-resolved imaging through a thin scattering medium with PSF manipulation. Scientific Reports, 2018, 8, 4585.	3.3	59
7	Memory Effect Based Filter to Improve Imaging Quality Through Scattering Layers. IEEE Photonics Journal, 2018, 10, 1-10.	2.0	5
8	Cross-symmetry breaking of two-component discrete dipolar matter-wave solitons. Frontiers of Physics, 2017, 12, 1.	5.0	9
9	Imaging objects through scattering layers and around corners by retrieval of the scattered point spread function. Optics Express, 2017, 25, 32829.	3.4	49
10	High speed color imaging through scattering media with a large field of view. Scientific Reports, 2016, 6, 32696.	3.3	79
11	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
12	Controlled light field concentration through turbid biological membrane for phototherapy. Biomedical Optics Express, 2015, 6, 2237.	2.9	13
13	Image restoration through thin turbid layers by correlation with a known object. Optics Express, 2013, 21, 12539.	3.4	95