

Liangwei Zeng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2204510/publications.pdf>

Version: 2024-02-01

20
papers

575
citations

643344

15
h-index

843174

20
g-index

20
all docs

20
docs citations

20
times ranked

117
citing authors

#	ARTICLE	IF	CITATIONS
1	Quadratic fractional solitons. <i>Chaos, Solitons and Fractals</i> , 2022, 154, 111586.	2.5	23
2	Controllable propagation paths of gap solitons. <i>Optics Letters</i> , 2022, 47, 1041.	1.7	22
3	Families of gap solitons and their complexes in media with saturable nonlinearity and fractional diffraction. <i>Nonlinear Dynamics</i> , 2022, 108, 1671-1680.	2.7	21
4	Transformation of multipole and vortex solitons in the nonlocal nonlinear fractional Schrödinger equation by means of L [∞] -index management. <i>Chaos, Solitons and Fractals</i> , 2022, 157, 111995.	2.5	19
5	FISI: frequency domain integration sequential imaging at 1.26 μ m—10 ¹³ frames per second and 108 lines per millimeter. <i>Optics Express</i> , 2022, 30, 27429.	1.7	7
6	Stable and oscillating solitons of \mathbb{P}^1 -symmetric couplers with gain and loss in fractional dimension. <i>Nonlinear Dynamics</i> , 2021, 103, 1831-1840.	2.7	27
7	Families of fundamental and multipole solitons in a cubic-quintic nonlinear lattice in fractional dimension. <i>Chaos, Solitons and Fractals</i> , 2021, 144, 110589.	2.5	50
8	Localized modes and dark solitons sustained by nonlinear defects. <i>Optics Letters</i> , 2021, 46, 2216.	1.7	24
9	Bubbles and W-shaped solitons in Kerr media with fractional diffraction. <i>Nonlinear Dynamics</i> , 2021, 104, 4253-4264.	2.7	18
10	All-optical high spatial-temporal resolution photography with raster principle at 2 trillion frames per second. <i>Optics Express</i> , 2021, 29, 27298.	1.7	10
11	Flat-floor bubbles, dark solitons, and vortices stabilized by inhomogeneous nonlinear media. <i>Nonlinear Dynamics</i> , 2021, 106, 815-830.	2.7	11
12	Solitons in spin-orbit-coupled systems with fractional spatial derivatives. <i>Chaos, Solitons and Fractals</i> , 2021, 152, 111406.	2.5	11
13	Fractional quantum couplers. <i>Chaos, Solitons and Fractals</i> , 2020, 140, 110271.	2.5	21
14	Modulated solitons, soliton and vortex clusters in purely nonlinear defocusing media. <i>Annals of Physics</i> , 2020, 421, 168284.	1.0	19
15	Preventing critical collapse of higher-order solitons by tailoring unconventional optical diffraction and nonlinearities. <i>Communications Physics</i> , 2020, 3, .	2.0	64
16	One-dimensional gap solitons in quintic and cubic—quintic fractional nonlinear Schrödinger equations with a periodically modulated linear potential. <i>Nonlinear Dynamics</i> , 2019, 98, 985-995.	2.7	60
17	Gap-type dark localized modes in a Bose—Einstein condensate with optical lattices. <i>Advanced Photonics</i> , 2019, 1, 1.	6.2	54
18	Gaussian-like and flat-top solitons of atoms with spatially modulated repulsive interactions. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2019, 36, 2278.	0.9	19

#	ARTICLE	IF	CITATIONS
19	Purely Kerr nonlinear model admitting flat-top solitons. Optics Letters, 2019, 44, 1206.	1.7	29
20	One-dimensional solitons in fractional Schrödinger equation with a spatially periodical modulated nonlinearity: nonlinear lattice. Optics Letters, 2019, 44, 2661.	1.7	66