

Joshua Bodyfelt

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2970235/publications.pdf>

Version: 2024-02-01

26
papers

1,111
citations

567281

15
h-index

610901

24
g-index

27
all docs

27
docs citations

27
times ranked

850
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of Asymmetric Transport in Structures with Active Nonlinearities. <i>Physical Review Letters</i> , 2013, 110, 234101.	7.8	262
2	Detangling flat bands into Fano lattices. <i>Europhysics Letters</i> , 2014, 105, 30001.	2.0	165
3	Flatbands under Correlated Perturbations. <i>Physical Review Letters</i> , 2014, 113, 236403.	7.8	117
4	The crossover from strong to weak chaos for nonlinear waves in disordered systems. <i>Europhysics Letters</i> , 2010, 91, 30001.	2.0	101
5	Localization of weakly disordered flat band states. <i>European Physical Journal B</i> , 2017, 90, 1.	1.5	93
6	Nonlinear waves in disordered chains: Probing the limits of chaos and spreading. <i>Physical Review E</i> , 2011, 84, 016205.	2.1	53
7	Flat-band engineering of mobility edges. <i>Physical Review B</i> , 2015, 91, .	3.2	48
8	Subdiffusion of nonlinear waves in quasiperiodic potentials. <i>New Journal of Physics</i> , 2012, 14, 103036.	2.9	32
9	Interactions destroy dynamical localization with strong and weak chaos. <i>Europhysics Letters</i> , 2011, 96, 30004.	2.0	29
10	WAVE INTERACTIONS IN LOCALIZING MEDIA â€” A COIN WITH MANY FACES. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2011, 21, 2107-2124.	1.7	28
11	Modulation properties of optically injection-locked quantum cascade lasers. <i>Optics Letters</i> , 2013, 38, 1975.	3.3	26
12	Subdiffusion of nonlinear waves in two-dimensional disordered lattices. <i>Europhysics Letters</i> , 2012, 98, 60002.	2.0	25
13	Probing Localization in Absorbing Systems via Loschmidt Echos. <i>Physical Review Letters</i> , 2009, 102, 253901.	7.8	21
14	High order three part split symplectic integrators: Efficient techniques for the long time simulation of the disordered discrete nonlinear Schrödinger equation. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2014, 378, 1809-1815.	2.1	21
15	Critical Fidelity at the Metal-Insulator Transition. <i>Physical Review Letters</i> , 2006, 97, 256404.	7.8	15
16	Engineering fidelity echoes in Bose-Hubbard Hamiltonians. <i>Europhysics Letters</i> , 2007, 78, 50003.	2.0	14
17	One-Parameter Scaling Theory for Stationary States of Disordered Nonlinear Systems. <i>Physical Review Letters</i> , 2010, 104, 164102.	7.8	14
18	Enhanced transmission and giant Faraday effect in magnetic metalâ€”dielectric photonic structures. <i>Journal Physics D: Applied Physics</i> , 2013, 46, 165002.	2.8	11

#	ARTICLE	IF	CITATIONS
19	Scaling theory of heat transport in quasi-one-dimensional disordered harmonic chains. Physical Review E, 2013, 87, 020101.	2.1	10
20	Do nonlinear waves in random media follow nonlinear diffusion equations?. Physica D: Nonlinear Phenomena, 2013, 256-257, 1-6.	2.8	9
21	Influence of boundary conditions on quantum escape. Europhysics Letters, 2012, 100, 20005.	2.0	8
22	Scaling properties of delay times in one-dimensional random media. Physical Review B, 2008, 77, .	3.2	2
23	Rate equation analysis of frequency chirp in optically injection-locked quantum cascade lasers. , 2014, , .		1
24	Fidelity in Quasi-1D Systems as a Probe for Anderson Localization. Acta Physica Polonica A, 2009, 116, 756-764.	0.5	1
25	Coherent and incoherent photon-assisted electron tunneling in optoelectronic molecular devices in soft solids. Physical Review B, 2001, 65, .	3.2	0
26	Taming the flow of light via Parity-Time Symmetry. , 2013, , .		0