

Joshua Bodyfelt

List of Publications by Year in descending order

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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	Localization of weakly disordered flat band states. European Physical Journal B, 2017, 90, 1.	1.5	93
2	Flat-band engineering of mobility edges. Physical Review B, 2015, 91, .	3.2	48
3	Flatbands under Correlated Perturbations. Physical Review Letters, 2014, 113, 236403.	7.8	117
4	Detangling flat bands into Fano lattices. Europhysics Letters, 2014, 105, 30001.	2.0	165
5	Rate equation analysis of frequency chirp in optically injection-locked quantum cascade lasers. , 2014, , .		1
6	High order three part split symplectic integrators: Efficient techniques for the long time simulation of the disordered discrete nonlinear Schrödinger equation. Physics Letters, Section A: General, Atomic and Solid State Physics, 2014, 378, 1809-1815.	2.1	21
7	Observation of Asymmetric Transport in Structures with Active Nonlinearities. Physical Review Letters, 2013, 110, 234101.	7.8	262
8	Taming the flow of light via Parity-Time Symmetry. , 2013, , .		0
9	Do nonlinear waves in random media follow nonlinear diffusion equations?. Physica D: Nonlinear Phenomena, 2013, 256-257, 1-6.	2.8	9
10	Modulation properties of optically injection-locked quantum cascade lasers. Optics Letters, 2013, 38, 1975.	3.3	26
11	Enhanced transmission and giant Faraday effect in magnetic metal-dielectric photonic structures. Journal Physics D: Applied Physics, 2013, 46, 165002.	2.8	11
12	Scaling theory of heat transport in quasi-one-dimensional disordered harmonic chains. Physical Review E, 2013, 87, 020101.	2.1	10
13	Influence of boundary conditions on quantum escape. Europhysics Letters, 2012, 100, 20005.	2.0	8
14	Subdiffusion of nonlinear waves in two-dimensional disordered lattices. Europhysics Letters, 2012, 98, 60002.	2.0	25
15	Subdiffusion of nonlinear waves in quasiperiodic potentials. New Journal of Physics, 2012, 14, 103036.	2.9	32
16	WAVE INTERACTIONS IN LOCALIZING MEDIA – A COIN WITH MANY FACES. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2011, 21, 2107-2124.	1.7	28
17	Nonlinear waves in disordered chains: Probing the limits of chaos and spreading. Physical Review E, 2011, 84, 016205.	2.1	53
18	Interactions destroy dynamical localization with strong and weak chaos. Europhysics Letters, 2011, 96, 30004.	2.0	29

#	ARTICLE	IF	CITATIONS
19	One-Parameter Scaling Theory for Stationary States of Disordered Nonlinear Systems. Physical Review Letters, 2010, 104, 164102.	7.8	14
20	The crossover from strong to weak chaos for nonlinear waves in disordered systems. Europhysics Letters, 2010, 91, 30001.	2.0	101
21	Probing Localization in Absorbing Systems via Loschmidt Echos. Physical Review Letters, 2009, 102, 253901.	7.8	21
22	Fidelity in Quasi-1D Systems as a Probe for Anderson Localization. Acta Physica Polonica A, 2009, 116, 756-764.	0.5	1
23	Scaling properties of delay times in one-dimensional random media. Physical Review B, 2008, 77, .	3.2	2
24	Engineering fidelity echoes in Bose-Hubbard Hamiltonians. Europhysics Letters, 2007, 78, 50003.	2.0	14
25	Critical Fidelity at the Metal-Insulator Transition. Physical Review Letters, 2006, 97, 256404.	7.8	15
26	Coherent and incoherent photon-assisted electron tunneling in optoelectronic molecular devices in soft solids. Physical Review B, 2001, 65, .	3.2	0