

Keith Slevin

List of Publications by Year in descending order

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22
papers

449
citations

840776

11
h-index

794594

19
g-index

22
all docs

22
docs citations

22
times ranked

259
citing authors

#	ARTICLE	IF	CITATIONS
1	Multifractal finite-size scaling and universality at the Anderson transition. <i>Physical Review B</i> , 2011, 84, .	3.2	120
2	Critical Parameters from a Generalized Multifractal Analysis at the Anderson Transition. <i>Physical Review Letters</i> , 2010, 105, 046403.	7.8	95
3	FINITE SIZE SCALING OF THE CHALKER-CODDINGTON MODEL. <i>International Journal of Modern Physics Conference Series</i> , 2012, 11, 60-69.	0.7	35
4	Critical Exponent of the Anderson Transition Using Massively Parallel Supercomputing. <i>Journal of the Physical Society of Japan</i> , 2018, 87, 094703.	1.6	31
5	Review of recent progress on numerical studies of the Anderson transition. <i>Annalen Der Physik</i> , 1999, 8, 655-664.	2.4	27
6	Anderson Transition in the Three Dimensional Symplectic Universality Class. <i>Journal of the Physical Society of Japan</i> , 2005, 74, 238-241.	1.6	25
7	Dimensional Dependence of Critical Exponent of the Anderson Transition in the Orthogonal Universality Class. <i>Journal of the Physical Society of Japan</i> , 2014, 83, 084711.	1.6	23
8	Critical exponent of metal-insulator transition in doped semiconductors: The relevance of the Coulomb interaction. <i>Physical Review B</i> , 2014, 89, .	3.2	21
9	Estimate of the Critical Exponent of the Anderson Transition in the Three and Four-Dimensional Unitary Universality Classes. <i>Journal of the Physical Society of Japan</i> , 2016, 85, 104712.	1.6	15
10	Possible Anderson transition below two dimensions in disordered systems of noninteracting electrons. <i>Physical Review B</i> , 2006, 73, .	3.2	12
11	EFFECT OF ELECTRON-ELECTRON INTERACTION NEAR THE METAL-INSULATOR TRANSITION IN DOPED SEMICONDUCTORS STUDIED WITHIN THE LOCAL DENSITY APPROXIMATION. <i>International Journal of Modern Physics Conference Series</i> , 2012, 11, 90-95.	0.7	12
12	Point-Contact Conductance in Asymmetric Chalker-Coddington Network Model. <i>Journal of the Physical Society of Japan</i> , 2009, 78, 084708.	1.6	6
13	Multifractality and the distribution of the Kondo temperature at the Anderson transition. <i>European Physical Journal B</i> , 2019, 92, 1.	1.5	6
14	Borel-Resummation of the $\hat{\Gamma}^2$ -functions Describing Anderson Localisation in the Wigner-Dyson Symmetry Classes. <i>Journal of the Physical Society of Japan</i> , 2017, 86, 094707.	1.6	5
15	Theoretical analysis of the importance of recycling in measurements of protein turnover by constant infusion of a labelled amino acid. <i>Journal of Theoretical Biology</i> , 2008, 253, 215-219.	1.7	4
16	The Chiral Symplectic Universality Class. <i>Journal of the Physical Society of Japan</i> , 2003, 72, 145-146.	1.6	4
17	Review of recent progress on numerical studies of the Anderson transition. <i>Annalen Der Physik</i> , 1999, 511, 655-664.	2.4	3
18	Review of recent progress on numerical studies of the Anderson transition. , 1999, 8, 655.		2

#	ARTICLE	IF	CITATIONS
19	Spin-Dependent Electron Transport Through a Ferromagnetic Domain Wall. Journal of the Physical Society of Japan, 2003, 72, 209-210.	1.6	2
20	Scaling and Fluctuations of the Lyapunov Exponent in a 2D Anderson Localisation Problem. Journal of the Physical Society of Japan, 2003, 72, 173-174.	1.6	1
21	Analysis of Kohn-Sham Eigenfunctions Using a Convolutional Neural Network in Simulations of the Metal-Insulator Transition in Doped Semiconductors. Journal of the Physical Society of Japan, 2021, 90, 094001.	1.6	0
22	EFFECT OF ELECTRON-ELECTRON INTERACTION NEAR THE METAL-INSULATOR TRANSITION IN DOPED SEMICONDUCTORS STUDIED WITHIN THE LOCAL DENSITY APPROXIMATION. , 2012, , .		0