Keith Slevin

List of Publications by Year
in descending order

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	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
2	Multifractality and the distribution of the Kondo temperature at the Anderson transition. European Physical Journal B, 2019, 92, 1.	1.5	6
3	Critical Exponent of the Anderson Transition Using Massively Parallel Supercomputing. Journal of the Physical Society of Japan, 2018, 87, 094703.	1.6	31
4	Borel–Padé Re-summation of the β-functions Describing Anderson Localisation in the Wigner–Dyson Symmetry Classes. Journal of the Physical Society of Japan, 2017, 86, 094707.	1.6	5
5	Estimate of the Critical Exponent of the Anderson Transition in the Three and Four-Dimensional Unitary Universality Classes. Journal of the Physical Society of Japan, 2016, 85, 104712.	1.6	15
6	Critical exponent of metal-insulator transition in doped semiconductors: The relevance of the Coulomb interaction. Physical Review B, 2014, 89, .	3.2	21
7	Dimensional Dependence of Critical Exponent of the Anderson Transition in the Orthogonal Universality Class. Journal of the Physical Society of Japan, 2014, 83, 084711.	1.6	23
8	FINITE SIZE SCALING OF THE CHALKER-CODDINGTON MODEL. International Journal of Modern Physics Conference Series, 2012, 11, 60-69.	0.7	35
9	EFFECT OF ELECTRON-ELECTRON INTERACTION NEAR THE METAL-INSULATOR TRANSITION IN DOPED SEMICONDUCTORS STUDIED WITHIN THE LOCAL DENSITY APPROXIMATION. International Journal of Modern Physics Conference Series, 2012, 11, 90-95.	0.7	12
10	EFFECT OF ELECTRON-ELECTRON INTERACTION NEAR THE METAL-INSULATOR TRANSITION IN DOPED SEMICONDUCTORS STUDIED WITHIN THE LOCAL DENSITY APPROXIMATION. , 2012, , .		0
11	Multifractal finite-size scaling and universality at the Anderson transition. Physical Review B, 2011, 84, .	3.2	120
12	Critical Parameters from a Generalized Multifractal Analysis at the Anderson Transition. Physical Review Letters, 2010, 105, 046403.	7.8	95
13	Point-Contact Conductance in Asymmetric Chalker–Coddington Network Model. Journal of the Physical Society of Japan, 2009, 78, 084708.	1.6	6
14	Theoretical analysis of the importance of recycling in measurements of protein turnover by constant infusion of a labelled amino acid. Journal of Theoretical Biology, 2008, 253, 215-219.	1.7	4
15	Possible Anderson transition below two dimensions in disordered systems of noninteracting electrons. Physical Review B, 2006, 73, .	3.2	12
16	Anderson Transition in the Three Dimensional Symplectic Universality Class. Journal of the Physical Society of Japan, 2005, 74, 238-241.	1.6	25
17	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
18	The Chiral Symplectic Universality Class. Journal of the Physical Society of Japan, 2003, 72, 145-146.	1.6	4

#	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	Review of recent progress on numerical studies of the Anderson transition. Annalen Der Physik, 1999, 8, 655-664.	2.4	27
21	Review of recent progress on numerical studies of the Anderson transition. , 1999, 8, 655.		2
22	Review of recent progress on numerical studies of the Anderson transition. Annalen Der Physik, 1999, 511, 655-664.	2.4	3