Peter MÃ¼ller

List of Publications by Year
in descending order

45	684	471477	610883
papers	citations	17 h-index	24 g-index

46	46	46	312
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	How Much Delocalisation is Needed for an Enhanced Area Law of the Entanglement Entropy?. Communications in Mathematical Physics, 2020, 376, 649-679.	2.2	11
2	Stability of the Enhanced Area Law of the Entanglement Entropy. Annales Henri Poincare, 2020, 21, 3639-3658.	1.7	5
3	Perturbations of continuum random SchrÃ¶dinger operators with applications to Anderson orthogonality and the spectral shift function. Journal of Spectral Theory, 2019, 9, 921-965.	0.8	3
4	A Bound on the Averaged Spectral Shift Function and a Lower Bound on the Density of States for Random SchrÃ¶dinger Operators on ${mathbb{R}}^{oldsymbol{d}}$. International Mathematics Research Notices, 2018, 2018, 6673-6697.	1.0	4
5	The exponent in the orthogonality catastrophe for Fermi gases. Journal of Spectral Theory, 2016, 6, 643-683.	0.8	5
6	Ergodicity and dynamical localization for Deloneâ€“Anderson operators. Reviews in Mathematical Physics, 2015, 27, 1550020.	1.7	9
7	Andersonâ€™s Orthogonality Catastrophe. Communications in Mathematical Physics, 2014, 329, 979-998.	2.2	13
8	Ergodic Properties of Randomly Coloured Point Sets. Canadian Journal of Mathematics, 2013, 65, 349-402.	0.6	29
9	Localization for Random Block Operators. Operator Theory: Advances and Applications, 2013, , 229-246.	0.2	6
10	Lifshits Tails in the Hierarchical Anderson Model. Annales Henri Poincare, 2012, 13, 525-541.	1.7	15
11	Percolation Hamiltonians. Progress in Probability, 2011, , 235-258.	0.3	8
12	Random Block Operators. Journal of Statistical Physics, 2011, 143, 1035-1054.	1.2	9
13	The spectral shift function for compactly supported perturbations of SchrÃ¶dinger operators on large bounded domains. Proceedings of the American Mathematical Society, 2010, 138, 2141-2150.	0.8	11
14	Uniform existence of the integrated density of states for models on $${mathbb{Z}}^d$$. Positivity, 2008, 12, 571-589.	0.7	18
15	A lower bound for the density of states of the lattice Anderson model. Proceedings of the American Mathematical Society, 2008, 136, 2887-2893.	0.8	12
16	Variational bounds for the shear viscosity of gelling melts. Europhysics Letters, 2007, 78, 46002.	2.0	0
17	Spectral asymptotics of the Laplacian on supercritical bond-percolation graphs. Journal of Functional Analysis, 2007, 252, 233-246.	1.4	17
18	Persistence of Anderson localization in SchrÃ¶dinger operators with decaying random potentials. Arkiv for Matematik, 2007, 45, 15-30.	0.5	6

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19	On Mottâ€™s formula for the ac-conductivity in the Anderson model. Annals of Mathematics, 2007, 166, 549-577.	4.2	32
20	Lifshitz tails for spectra of ErdÅ‘sâ€“RÃ©nyi random graphs. Annals of Applied Probability, 2006, 16, 295.	1.3	27
21	Spectral properties of the Laplacian on bond-percolation graphs. Mathematische Zeitschrift, 2006, 252, 899-916.	0.9	29
22	A Survey of Rigorous Results on Random SchrÃ¶dinger Operators for Amorphous Solids. , 2005, , 119-151.		10
23	Unordnung ist das halbe Leben. Mitteilungen Der Deutschen Mathematiker-Vereinigung, 2005, 13, .	0.0	0
24	Dynamics of gelling liquids: a short survey. Journal of Physics Condensed Matter, 2005, 17, S1659-S1680.	1.8	8
25	Rheology of gelling polymers in the Zimm model. Journal of Chemical Physics, 2005, 122, 014905.	3.0	5
26	Local heat flux and energy loss in a two-dimensional vibrated granular gas. Physical Review E, 2005, 72, 041303.	2.1	11
27	Local equation of state and velocity distributions of a driven granular gas. Physical Review E, 2004, 70, 051313.	2.1	35
28	Continuous integral kernels for unbounded SchrÃ¶dinger semigroups and their spectral projections. Journal of Functional Analysis, 2004, 212, 287-323.	1.4	17
29	Diffusion of gelation clusters in the Zimm model. European Physical Journal E, 2003, 12, 325-331.	1.6	5
30	Critical behaviour of the Rouse model for gelling polymers. Journal of Physics A, 2003, 36, 10443-10450.	1.6	10
31	Normal stresses at the gelation transition. Physical Review E, 2002, 65, 041505.	2.1	6
32	The Absolute Continuity of the Integrated DensityÂ¶of States for Magnetic SchrÃ¶dinger OperatorsÂ¶with Certain Unbounded Random Potentials. Communications in Mathematical Physics, 2001, 221, 229-254.	2.2	38
33	Anomalous stress relaxation in random macromolecular networks. Physica A: Statistical Mechanics and Its Applications, 2001, 302, 279-289.	2.6	8
34	EXISTENCE AND UNIQUENESS OF THE INTEGRATED DENSITY OF STATES FOR SCHRÃ–DINGER OPERATORS WITH MAGNETIC FIELDS AND UNBOUNDED RANDOM POTENTIALS. Reviews in Mathematical Physics, 2001, 13, 1547-1581.	1.7	32
35	Spectral Localization by Gaussian Random Potentials in Multi-Dimensional Continuous Space. Journal of Statistical Physics, 2000, 101, 935-985.	1.2	26
36	Critical dynamics of gelation. Physical Review E, 2000, 63, 011510.	2.1	23

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37	Shear viscosity of a crosslinked polymer melt. Europhysics Letters, 1999, 48, 421-427.	2.0	20
38	On the averaged quantum dynamics by white-noise hamiltonians with and without dissipation. Annalen Der Physik, 1998, 7, 59-100.	2.4	6
39	Comment on `On the Coulomb potential in one dimension' by P Kurasov. Journal of Physics A, 1997, 30, 5579-5581.	1.6	17
40	Existence of the Density of States for Multi-DimensionalÂ¶Continuum SchrÃ¶dinger Operators withÂ¶Gaussian Random Potentials. Communications in Mathematical Physics, 1997, 190, 133-141.	2.2	20
41	Towards localisation by Gaussian random potentials in multi-dimensional continuous space. Letters in Mathematical Physics, 1996, 38, 343-348.	1.1	2
42	The functionalâ€“analytic versus the functionalâ€“integral approach to quantum Hamiltonians: The	1.1	56
43	Dynamics by White-Noise Hamiltonians. Physical Review Letters, 1994, 73, 1578-1581.	7.8	14
44	Path Integration in Quantum Physics by Changing the Drift of the Underlying Diffusion Process: Applications of Legendre Processes. Annals of Physics, 1993, 227, 206-221.	2.8	14
45	Changing dimension and time: two well-founded and practical techniques for path integration in quantum physics. Journal of Physics A, 1992, 25, 3835-3853.	1.6	31