Peter D Hislop

List of Publications by Year
in descending order

27	315	933447	888059
papers	**citations**	10	17
		h-index	**g-index**

28	28	28	107
all docs	**docs citations**	**times ranked**	**citing authors**

#	Article	IF	Citations
1	An optimal Wegner estimate and its application to the global continuity of the integrated density of states for random Schrödinger operators. Duke Mathematical Journal, 2007, 140, .	1.5	79
2	Correlation Estimates in the Anderson Model. Journal of Statistical Physics, 2007, 129, 649-662.	1.2	41
3	Global Continuity of the Integrated Density of States for Random Landau Hamiltonians. Communications in Partial Differential Equations, 2004, 29, 1187-1213.	2.2	18
4	Edge states induced by Iwatsuka Hamiltonians with positive magnetic fields. Journal of Mathematical Analysis and Applications, 2015, 422, 594-624.	1.0	18
5	EDGE CURRENTS FOR QUANTUM HALL SYSTEMS I: ONE-EDGE, UNBOUNDED GEOMETRIES. Reviews in Mathematical Physics, 2008, 20, 71-115.	1.7	17
6	The geometry and spectra of hyperbolic manifolds. Proceedings of the Indian Academy of Sciences - Section A, 1994, 104, 715-776.	0.2	17
7	Anderson localization for radial tree-like random quantum graphs. Waves in Random and Complex Media, 2009, 19, 216-261.	2.7	16
8	Edge currents and eigenvalue estimates for magnetic barrier Schrödinger operators. Asymptotic Analysis, 2014, 89, 331-363.	0.5	15
9	SCATTERING THEORY FOR THE WAVE EQUATION ON NON-COMPACT MANIFOLDS. Reviews in Mathematical Physics, 1992, 04, 575-618.	1.7	12
10	Spectral and dynamical properties of random models with nonlocal and singular interactions. Mathematische Nachrichten, 2005, 278, 627-664.	0.8	12
11	Eigenvalue Statistics for Random Schrödinger Operators with Non Rank One Perturbations. Communications in Mathematical Physics, 2015, 340, 125-143.	2.2	10
12	Edge Currents for Quantum Hall Systems, II. Two-Edge, Bounded and Unbounded Geometries. Annales Henri Poincare, 2008, 9, 1141-1175.	1.7	7
13	STARK HAMILTONIAN WITH UNBOUNDED RANDOM POTENTIALS. Reviews in Mathematical Physics, 1990, 02, 479-494.	1.7	6
14	Smoothness of Correlations in the Anderson Model at Strong Disorder. Annales Henri Poincare, 2007, 8, 1-26.	1.7	6
15	Transport of a quantum particle in a time-dependent white-noise potential. Journal of Mathematical Physics, 2019, 60, 083303.	1.1	6
16	Dependence of the Density of States on the Probability Distribution for Discrete Random Schrödinger Operators. International Mathematics Research Notices, 2020, 2020, 5279-5341.	1.0	6
17	Continuity with respect to disorder of the integrated density of states. Illinois Journal of Mathematics, 2005, 49, .	0.1	5
18	Semiclassical Szegő limit of resonance clusters for the hydrogen atom Stark Hamiltonian. Asymptotic Analysis, 2012, 79, 17-44.	0.5	4

#	Article	IF	Citations
19	A Bound on the Averaged Spectral Shift Function and a Lower Bound on the Density of States for Random Schrödinger Operators on ${\mathbb{R}}^{\oldsymbol{d}}$. International Mathematics Research Notices, 2018, 2018, 6673-6697.	1.0	4
20	Dependence of the Density of States on the Probability Distribution. Part II: Schrödinger Operators on $$\pmb {\mathbb {R}}^d$$ and Non-compactly Supported Probability Measures. Annales Henri Poincare, 2020, 21, 539-570.	1.7	4
21	Characterization of Bulk States in One-Edge Quantum Hall Systems. Annales Henri Poincare, 2016, 17, 37-62.	1.7	3
22	Semiclassical Szegö Limit of Eigenvalue Clusters for the Hydrogen Atom Zeeman Hamiltonian. Annales Henri Poincare, 2017, 18, 3933-3973.	1.7	3
23	Eigenvalue statistics for Schrödinger operators with random point interactions on Rd, d = 1, 2, 3. Journal of Mathematical Physics, 2020, 61, .	1.1	2
24	On the Local Eigenvalue Statistics for Random Band Matrices in the Localization Regime. Journal of Statistical Physics, 2022, 187, .	1.2	2
25	The Multiplicity of Eigenvalues of the Hodge Laplacian on 5-Dimensional Compact Manifolds. Journal of Geometric Analysis, 2016, 26, 3176-3193.	1.0	0
26	LOCAL STATISTICS FOR RANDOM SELFADJOINT OPERATORS. Lecture Notes Series, Institute for Mathematical Sciences, 2017, , 121-126.	0.2	0
27	Dependence of the density of states outer measure on the potential for deterministic Schrödinger operators on graphs with applications to ergodic and random models. Journal of Functional Analysis, 2021, 281, 109186.	1.4	0