

Svetlana Jitomirskaya

List of Publications by Year in descending order

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31
papers

803
citations

687363

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h-index

526287

27
g-index

32
all docs

32
docs citations

32
times ranked

209
citing authors

#	ARTICLE	IF	CITATIONS
1	The Ten Martini Problem. <i>Annals of Mathematics</i> , 2009, 170, 303-342.	4.2	221
2	Almost localization and almost reducibility. <i>Journal of the European Mathematical Society</i> , 2009, 12, 93-131.	1.4	104
3	Power-law subordinacy and singular spectra I. Half-line operators. <i>Acta Mathematica</i> , 1999, 183, 171-189.	3.9	100
4	Universal hierarchical structure of quasiperiodic eigenfunctions. <i>Annals of Mathematics</i> , 2018, 187, .	4.2	41
5	Complex one-frequency cocycles. <i>Journal of the European Mathematical Society</i> , 2014, 16, 1915-1935.	1.4	36
6	Arithmetic Spectral Transitions for the Maryland Model. <i>Communications on Pure and Applied Mathematics</i> , 2017, 70, 1025-1051.	3.1	28
7	Large Deviations of the Lyapunov Exponent and Localization for the 1D Anderson Model. <i>Communications in Mathematical Physics</i> , 2019, 370, 311-324.	2.2	24
8	L^2 -reducibility and localization for quasiperiodic operators. <i>Mathematical Research Letters</i> , 2016, 23, 431-444.	0.5	21
9	Upper Bounds On Wavepacket Spreading For Random Jacobi Matrices. <i>Communications in Mathematical Physics</i> , 2007, 273, 601-618.	2.2	18
10	Hölder Continuity of Absolutely Continuous Spectral Measures for One-Frequency Schrödinger Operators. <i>Communications in Mathematical Physics</i> , 2011, 301, 563-581.	2.2	17
11	Anderson localization for multi-frequency quasi-periodic operators on \mathbb{Z}^d . <i>Geometric and Functional Analysis</i> , 2020, 30, 457-481.	1.8	17
12	STRONG DYNAMICAL LOCALIZATION FOR THE ALMOST MATHIEU MODEL. <i>Reviews in Mathematical Physics</i> , 2001, 13, 755-765.	1.7	16
13	Cantor spectrum of graphene in magnetic fields. <i>Inventiones Mathematicae</i> , 2019, 218, 979-1041.	2.5	14
14	Ising model in a quasiperiodic transverse field, percolation, and contact processes in quasiperiodic environments. <i>Journal of Statistical Physics</i> , 1993, 73, 319-344.	1.2	13
15	Continuity of the Measure of the Spectrum for Quasiperiodic Schrödinger Operators with Rough Potentials. <i>Communications in Mathematical Physics</i> , 2014, 325, 585-601.	2.2	12
16	Singular Continuous Spectrum for Singular Potentials. <i>Communications in Mathematical Physics</i> , 2017, 351, 1127-1135.	2.2	12
17	Full measure reducibility and localization for quasiperiodic Jacobi operators: A topological criterion. <i>Advances in Mathematics</i> , 2017, 319, 224-250.	1.1	11
18	Exponential Dynamical Localization for the Almost Mathieu Operator. <i>Communications in Mathematical Physics</i> , 2013, 322, 877-882.	2.2	10

#	ARTICLE	IF	CITATIONS
19	Second phase transition line. <i>Mathematische Annalen</i> , 2018, 370, 271-285.	1.4	9
20	Pure point spectrum for the Maryland model: a constructive proof. <i>Ergodic Theory and Dynamical Systems</i> , 2021, 41, 283-294.	0.6	9
21	Noncompact complete Riemannian manifolds with dense eigenvalues embedded in the essential spectrum of the Laplacian. <i>Geometric and Functional Analysis</i> , 2019, 29, 238-257.	1.8	8
22	Dynamical Bounds for Quasiperiodic Schrödinger Operators with Rough Potentials. <i>International Mathematics Research Notices</i> , 0, , rnw022.	1.0	5
23	Quantum dynamical bounds for ergodic potentials with underlying dynamics of zero topological entropy. <i>Analysis and PDE</i> , 2019, 12, 867-902.	1.4	5
24	Upper bounds on transport exponents for long-range operators. <i>Journal of Mathematical Physics</i> , 2021, 62, 073506.	1.1	5
25	Exact dynamical decay rate for the almost Mathieu operator. <i>Mathematical Research Letters</i> , 2020, 27, 789-808.	0.5	4
26	Spectral Theory of Schrödinger Operators over Circle Diffeomorphisms. <i>International Mathematics Research Notices</i> , 2022, 2022, 9810-9829.	1.0	2
27	Inhomogeneous Diophantine approximation in the coprime setting. <i>Advances in Mathematics</i> , 2019, 355, 106773.	1.1	1
28	Noncompact complete Riemannian manifolds with singular continuous spectrum embedded into the essential spectrum of the Laplacian, I. The hyperbolic case. <i>Transactions of the American Mathematical Society</i> , 2020, 373, 5885-5902.	0.9	1
29	A Lower Bound on the Lyapunov Exponent for the Generalized Harper's Model. <i>Journal of Statistical Physics</i> , 2017, 166, 609-617.	1.2	0
30	Honeycomb structures in magnetic fields. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2021, 54, 345203.	2.1	0
31	Introduction to the Special Issue: In memory of Jean Bourgain. <i>Journal of Mathematical Physics</i> , 2022, 63, 050401.	1.1	0