

Christophe Texier

List of Publications by Year in descending order

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51
papers

1,045
citations

394421

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54
all docs

54
docs citations

54
times ranked

539
citing authors

#	ARTICLE	IF	CITATIONS
1	Generalized Lyapunov exponent for the one-dimensional Schrödinger equation with Cauchy disorder: Some exact results. <i>Physical Review E</i> , 2022, 105, .	2.1	0
2	Generalized Lyapunov exponent of random matrices and universality classes for SPS in 1D Anderson localisation. <i>Europhysics Letters</i> , 2020, 131, 17002.	2.0	4
3	Fluctuations of the Product of Random Matrices and Generalized Lyapunov Exponent. <i>Journal of Statistical Physics</i> , 2020, 181, 990-1051.	1.2	8
4	Comment on "Effective Confining Potential of Quantum States in Disordered Media". <i>Physical Review Letters</i> , 2020, 124, 219701.	7.8	4
5	Wigner-Smith matrix, exponential functional of the matrix Brownian motion and matrix Dufresne identity. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2020, 53, 425003.	2.1	1
6	Nonlinear conductance in weakly disordered mesoscopic wires: Interaction and magnetic field asymmetry. <i>Physical Review B</i> , 2018, 97, .	3.2	7
7	Wigner-Smith time-delay matrix in chaotic cavities with non-ideal contacts. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2018, 51, 404001.	2.1	11
8	Exponential number of equilibria and depinning threshold for a directed polymer in a random potential. <i>Annals of Physics</i> , 2018, 397, 1-64.	2.8	21
9	Truncated Linear Statistics Associated with the Eigenvalues of Random Matrices II. Partial Sums over Proper Time Delays for Chaotic Quantum Dots. <i>Journal of Statistical Physics</i> , 2017, 167, 1452-1488.	1.2	9
10	Truncated Linear Statistics Associated with the Top Eigenvalues of Random Matrices. <i>Journal of Statistical Physics</i> , 2017, 167, 234-259.	1.2	21
11	Reprint of: Four-terminal resistances in mesoscopic networks of metallic wires: Weak localisation and correlations. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2016, 82, 272-285.	2.7	3
12	Topological phase transitions in the 1D multichannel Dirac equation with random mass and a random matrix model. <i>Europhysics Letters</i> , 2016, 116, 17004.	2.0	9
13	Distribution of spectral linear statistics on random matrices beyond the large deviation function "Wigner time delay in multichannel disordered wires. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2016, 49, 465002.	2.1	16
14	Four-terminal resistances in mesoscopic networks of metallic wires: Weak localisation and correlations. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2016, 75, 33-46.	2.7	2
15	Wigner time delay and related concepts: Application to transport in coherent conductors. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2016, 82, 16-33.	2.7	62
16	Capacitance and charge relaxation resistance of chaotic cavities "Joint distribution of two linear statistics in the Laguerre ensemble of random matrices. <i>Europhysics Letters</i> , 2015, 109, 50004.	2.0	22
17	One-Dimensional Disordered Quantum Mechanics and Sinai Diffusion with Random Absorbers. <i>Journal of Statistical Physics</i> , 2014, 155, 237-276.	1.2	13
18	Fluctuations of Random Matrix Products and 1D Dirac Equation with Random Mass. <i>Journal of Statistical Physics</i> , 2014, 157, 497-514.	1.2	17

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19	Dynamics of a Tagged Monomer: Effects of Elastic Pinning and Harmonic Absorption. <i>Physical Review Letters</i> , 2013, 111, 210601.	7.8	14
20	The Lyapunov Exponent of Products of Random $2\tilde{A}-2$ Matrices Close to the Identity. <i>Journal of Statistical Physics</i> , 2013, 150, 13-65.	1.2	26
21	Ergodic versus diffusive decoherence in mesoscopic devices. <i>Physical Review B</i> , 2013, 87, .	3.2	11
22	Wigner Time-Delay Distribution in Chaotic Cavities and Freezing Transition. <i>Physical Review Letters</i> , 2013, 110, 250602.	7.8	64
23	Lyapunov exponents, one-dimensional Anderson localization and products of random matrices. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2013, 46, 254003.	2.1	33
24	Ordered spectral statistics in one-dimensional disordered supersymmetric quantum mechanics and Sinai diffusion with dilute absorbers. <i>Physica Scripta</i> , 2012, 86, 058515.	2.5	0
25	Supersymmetric Quantum Mechanics with $L\tilde{A}\tilde{O}$ vy Disorder in One Dimension. <i>Journal of Statistical Physics</i> , 2011, 145, 1291-1323.	1.2	12
26	Products of Random Matrices and Generalised Quantum Point Scatterers. <i>Journal of Statistical Physics</i> , 2010, 140, 427-466.	1.2	23
27	The effect of boundaries on the spectrum of a one-dimensional random mass Dirac Hamiltonian. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2010, 43, 025002.	2.1	12
28	$\hat{\Gamma}$ -regularized spectral determinants on metric graphs. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2010, 43, 425203.	2.1	6
29	Quantum oscillations and decoherence due to electron-electron interaction in metallic networks and hollow cylinders. <i>Physical Review B</i> , 2009, 80, .	3.2	19
30	Breaking supersymmetry in a one-dimensional random Hamiltonian. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2008, 41, 405302.	2.1	9
31	Localization for one-dimensional random potentials with large local fluctuations. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2008, 41, 475001.	2.1	9
32	On the spectrum of the Laplace operator of metric graphs attached at a vertexâ€”spectral determinant approach. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2008, 41, 085207.	2.1	6
33	Dimensional Crossover in Quantum Networks: From Macroscopic to Mesoscopic Physics. <i>Physical Review Letters</i> , 2007, 98, 026807.	7.8	14
34	Altshuler-Aronov correction to the conductivity of a large metallic square network. <i>Physical Review B</i> , 2007, 76, .	3.2	5
35	Effect of connecting wires on the decoherence due to electron-electron interaction in a metallic ring. <i>Physical Review B</i> , 2007, 76, .	3.2	7
36	Quantum oscillations in mesoscopic rings and anomalous diffusion. <i>Journal of Physics A</i> , 2005, 38, 3455-3471.	1.6	15

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37	Functionals of Brownian motion, localization and metric graphs. Journal of Physics A, 2005, 38, R341-R383.	1.6	45
38	Dephasing due to electron-electron interaction in a diffusive ring. Physical Review B, 2005, 72, .	3.2	32
39	Weak Localization in Multiterminal Networks of Diffusive Wires. Physical Review Letters, 2004, 92, 186801.	7.8	24
40	Local Friedel sum rule on graphs. Physical Review B, 2003, 67, .	3.2	20
41	Charge and current distribution in graphs. Journal of Physics A, 2003, 36, 12425-12452.	1.6	7
42	Scattering theory on graphs: II. The Friedel sum rule. Journal of Physics A, 2002, 35, 3389-3407.	1.6	26
43	Scattering theory on graphs. Journal of Physics A, 2001, 34, 10307-10326.	1.6	46
44	Spectral Determinant on Quantum Graphs. Annals of Physics, 2000, 284, 10-51.	2.8	60
45	Individual energy level distributions for one-dimensional diagonal and off-diagonal disorder. Journal of Physics A, 2000, 33, 6095-6128.	1.6	17
46	Effect of incoherent scattering on shot noise correlations in the quantum Hall regime. Physical Review B, 2000, 62, 7454-7458.	3.2	70
47	Universality of the Wigner Time Delay Distribution for One-Dimensional Random Potentials. Physical Review Letters, 1999, 82, 4220-4223.	7.8	78
48	Persistent currents and magnetization in two-dimensional magnetic quantum systems. Nuclear Physics B, 1998, 528, 727-745.	2.5	8
49	One-dimensional disordered supersymmetric quantum mechanics: A brief survey. , 1998, , 313-328.		12
50	On the distribution of the Wigner time delay in one-dimensional disordered systems. Journal of Physics A, 1997, 30, 8017-8025.	1.6	33
51	Random walk on the Bethe lattice and hyperbolic Brownian motion. Journal of Physics A, 1996, 29, 2399-2409.	1.6	34