

Yuval Gefen

List of Publications by Year in descending order

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3773
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of ballistic upstream modes at fractional quantum Hall edges of graphene. Nature Communications, 2022, 13, 213.	12.8	15
2	Optimized steering: Quantum state engineering and exceptional points. Physical Review A, 2022, 105, .	2.5	13
3	Superconductivity of neutral modes in quantum Hall edges. Physical Review B, 2022, 105, .	3.2	0
4	Parafermions in a multilegged geometry: Towards a scalable parafermionic network. Physical Review B, 2022, 105, .	3.2	5
5	dc electrical current generated by upstream neutral modes. Physical Review B, 2022, 105, .	3.2	0
6	Edge Reconstruction of a Time-Reversal Invariant Insulator: Compressible-Incompressible Stripes. Physical Review Letters, 2022, 128, 186801.	7.8	1
7	Edge reconstruction and emergent neutral modes in integer and fractional quantum Hall phases. Low Temperature Physics, 2022, 48, 420-427.	0.6	1
8	Generalized quantum measurements with matrix product states: Entanglement phase transition and clusterization. Physical Review Research, 2022, 4, .	3.6	17
9	Observing a topological transition in weak-measurement-induced geometric phases. Physical Review Research, 2022, 4, .	3.6	8
10	Emergence of spin-active channels at a quantum Hall interface. Physical Review B, 2021, 103, .	3.2	6
11	Fractional edge reconstruction in integer quantum Hall phases. Physical Review B, 2021, 103, .	3.2	18
12	Symmetry-related transport on a fractional quantum Hall edge. Physical Review Research, 2021, 3, .	3.6	4
13	Vanishing Thermal Equilibration for Hole-Conjugate Fractional Quantum Hall States in Graphene. Physical Review Letters, 2021, 126, 216803.	7.8	26
14	Contacts, equilibration, and interactions in fractional quantum Hall edge transport. Physical Review B, 2021, 104, .	3.2	11
15	Weak-measurement-induced phases and dephasing: Broken symmetry of the geometric phase. Physical Review Research, 2021, 3, .	3.6	6
16	Weak-Measurement-Induced Asymmetric Dephasing: Manifestation of Intrinsic Measurement Chirality. Physical Review Letters, 2021, 127, 170401.	7.8	10
17	Near-unit efficiency of chiral state conversion via hybrid-Liouvilian dynamics. Physical Review A, 2021, 104, .	2.5	5
18	Driven Dissipative Majorana Dark Spaces. Physical Review Letters, 2020, 125, 147701.	7.8	16

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19	Towards dark space stabilization and manipulation in driven dissipative Majorana platforms. Physical Review B, 2020, 102, .	3.2	12
20	Noise on the non-Abelian $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi} \rangle \hat{1}/2 \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle = \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 5 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle \text{stretchy="false"} \rangle / \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:math} \rangle$ Fractional Quantum Hall Edge. Physical Review Letters, 2020, 125, 157702.	7.8	21
21	A possible route towards dissipation-protected qubits using a multidimensional dark space and its symmetries. Nature Communications, 2020, 11, 5899.	12.8	8
22	Reply to "Comment on "How to observe and quantify quantum-discord states via correlations"	2.5	1
23	Detection of Quantum Interference without an Interference Pattern. Physical Review Letters, 2020, 125, 020405.	7.8	4
24	Topological transition in measurement-induced geometric phases. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 5706-5713.	7.1	22
25	Conductance plateaus and shot noise in fractional quantum Hall point contacts. Physical Review B, 2020, 101, .	3.2	13
26	Multi-particle interferometry in the time-energy domain with localized topological quasiparticles. Physical Review Research, 2020, 2, .	3.6	4
27	Current noise geometrically generated by a driven magnet. Physical Review Research, 2020, 2, .	3.6	6
28	Measurement-induced steering of quantum systems. Physical Review Research, 2020, 2, .	3.6	43
29	Engineering two-qubit mixed states with weak measurements. Physical Review Research, 2020, 2, .	3.6	9
30	Non-Abelian Berry phase for open quantum systems: Topological protection versus geometric dephasing. Physical Review B, 2019, 100, .	3.2	11
31	Non-Abelian Geometric Dephasing. Physical Review Letters, 2019, 123, 060405.	7.8	13
32	How to observe and quantify quantum-discord states via correlations. Physical Review A, 2019, 100, .	2.5	10
33	Unrestricted Electron Bunching at the Helical Edge. Physical Review Letters, 2019, 123, 056803.	7.8	10
34	Interaction-induced charge transfer in a mesoscopic electron spectrometer. Physical Review B, 2019, 100, .	3.2	4
35	Topological Classification of Shot Noise on Fractional Quantum Hall Edges. Physical Review Letters, 2019, 123, 137701.	7.8	27
36	Thermally driven spin transfer torque system far from equilibrium: Enhancement of thermoelectric current via pumping current. Physical Review B, 2019, 99, .	3.2	4

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37	Engineering statistical transmutation of identical quantum particles. Physical Review B, 2019, 99, .	3.2	6
38	Geometric phase from Aharonovâ€“Bohm to Pancharatnamâ€“Berry and beyond. Nature Reviews Physics, 2019, 1, 437-449.	26.6	167
39	Superconducting Correlations Out of Repulsive Interactions on a Fractional Quantum Hall Edge. Physical Review Letters, 2019, 122, 236802.	7.8	4
40	Noise on complex quantum Hall edges: Chiral anomaly and heat diffusion. Physical Review B, 2019, 99, .	3.2	25
41	Synthesizing a $\hat{\nu}=2/3$ fractional quantum Hall effect edge state from counter-propagating $\hat{\nu}=1$ and $\hat{\nu}=1/3$ states. Nature Communications, 2019, 10, 1920.	12.8	36
42	Measurement and control of a Coulomb-blockaded parafermion box. Physical Review B, 2018, 97, .	3.2	13
43	Incoherent transport on the $\hat{\nu}=2/3$ fractional quantum Hall edge. Physical Review B, 2018, 98, .	3.2	13
44	Universal Quantum Noise in Adiabatic Pumping. Physical Review Letters, 2018, 120, 226802.	7.8	3
45	Parafermionic generalization of the topological Kondo effect. Physical Review B, 2018, 97, .	3.2	12
46	Edge reconstruction in fractional quantum Hall states. Nature Physics, 2017, 13, 491-496.	16.7	59
47	Strong nonequilibrium effects in spin-torque systems. Physical Review B, 2017, 95, .	3.2	12
48	Spontaneous Breakdown of Topological Protection in Two Dimensions. Physical Review Letters, 2017, 118, 046801.	7.8	52
49	Spin Mode Switching at the Edge of a Quantum Hall System. Physical Review Letters, 2017, 119, 186804.	7.8	10
50	Ubiquitous Nonlocal Entanglement with Majorana Zero Modes. Physical Review Letters, 2017, 119, 157702.	7.8	10
51	Transport in a disordered $\hat{\nu}=2/3$ fractional quantum Hall junction. Annals of Physics, 2017, 385, 287-327.	2.8	44
52	Emulating Majorana fermions and their braiding by Ising spin chains. Physical Review B, 2017, 96, .	3.2	15
53	Topological vacuum bubbles by anyon braiding. Nature Communications, 2016, 7, 11131.	12.8	20
54	How to extract weak values from a mesoscopic electronic system. Quantum Studies: Mathematics and Foundations, 2016, 3, 265-277.	0.9	2

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55	Suppression of Interference in Quantum Hall Mach-Zehnder Geometry by Upstream Neutral Modes. Physical Review Letters, 2016, 117, 276804.	7.8	21
56	Many-body manifestation of interaction-free measurement: The Elitzur-Vaidman bomb. Physical Review B, 2016, 93, .	3.2	4
57	Observation of interaction-induced modulations of a quantum Hall liquid's area. Nature Communications, 2016, 7, 12184.	12.8	23
58	Weak values are quantum: you can bet on it. Quantum Studies: Mathematics and Foundations, 2016, 3, 1-4.	0.9	11
59	Crossover between strong and weak measurement in interacting many-body systems. New Journal of Physics, 2016, 18, 013016.	2.9	2
60	Fractional topological insulators: From sliding Luttinger liquids to Chern-Simons theory. Physical Review B, 2015, 91, .	3.2	38
61	Intermediate fixed point in a Luttinger liquid with elastic and dissipative backscattering. Physical Review B, 2015, 92, .	3.2	6
62	Topological dephasing in the quantum Hall regime. Physical Review B, 2015, 92, .	3.2	18
63	Coulomb Blockade with Neutral Modes. Physical Review Letters, 2015, 114, 156401.	7.8	9
64	Geometric Quantum Noise of Spin. Physical Review Letters, 2015, 114, 176806.	7.8	18
65	Measurement of geometric dephasing using a superconducting qubit. Nature Communications, 2015, 6, 8757.	12.8	16
66	Statistics of energy dissipation in a quantum dot operating in the cotunneling regime. Physical Review B, 2014, 90, .	3.2	2
67	Resistance of helical edges formed in a semiconductor heterostructure. Physical Review B, 2014, 90, .	3.2	111
68	Probing the fractional quantum Hall edge by momentum-resolved tunneling. Physical Review B, 2014, 90, .	3.2	5
69	Weak measurement of cotunneling time. Physical Review B, 2014, 90, .	3.2	19
70	Suppression of dephasing and phase lapses in the fractional quantum Hall regime. Physical Review B, 2014, 89, .	3.2	0
71	Transmission Phase Lapses through a Quantum Dot in a Strong Magnetic Field. Physical Review Letters, 2014, 112, 246801.	7.8	3
72	Standard and Null Weak Values. , 2014, , 377-387.		1

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73	Edge Reconstruction in the $\nu = 1/2$ Fractional Quantum Hall State. Physical Review Letters, 2013, 111, 246803.	7.8	62
74	Null Values and Quantum State Discrimination. Physical Review Letters, 2013, 110, 170405.	7.8	21
75	Hanbury Brown and Twiss correlations in quantum Hall systems. Physical Review B, 2013, 88, .	3.2	13
76	Cold bosons in the Landauer setup. Physical Review B, 2012, 85, .	3.2	21
77	Anderson orthogonality in the dynamics after a local quantum quench. Physical Review B, 2012, 85, .	3.2	27
78	Exact solution for spin and charge correlations in quantum dots: Effect of level fluctuations and Zeeman splitting. Physical Review B, 2012, 85, .	3.2	15
79	Mesoscopic Stoner Instability in Metallic Nanoparticles Revealed by Shot Noise. Physical Review Letters, 2012, 108, 166603.	7.8	13
80	Dephasing by a Zero-Temperature Detector and the Friedel Sum Rule. Physical Review Letters, 2012, 108, 256805.	7.8	10
81	Null weak values in multi-level systems. Physica Scripta, 2012, T151, 014014.	2.5	6
82	Controlled Dephasing of an Electron Interferometer with a Path Detector at Equilibrium. Physical Review Letters, 2012, 109, 250401.	7.8	25
83	Hanbury Brown-Twiss Interference of Anyons. Physical Review Letters, 2012, 109, 106802.	7.8	41
84	A quantum dot close to Stoner instability: The role of the Berry phase. Annals of Physics, 2012, 327, 2543-2559.	2.8	9
85	Incoherent Scatterer in a Luttinger Liquid: A New Paradigmatic Limit. Physical Review Letters, 2012, 108, 136401.	7.8	10
86	Interplay of charge and spin in quantum dots: The Ising case. Physical Review B, 2011, 84, .	3.2	8
87	Entanglement entropy and quantum phase transitions in quantum dots coupled to Luttinger liquid wires. Physical Review B, 2011, 83, .	3.2	12
88	Charge Sensing Amplification via Weak Values Measurement. Physical Review Letters, 2011, 106, 080405.	7.8	63
89	Non-equilibrium 1D many-body problems and asymptotic properties of Toeplitz determinants. Journal of Physics A: Mathematical and Theoretical, 2011, 44, 165003.	2.1	37
90	Weak values under uncertain conditions. Physica E: Low-Dimensional Systems and Nanostructures, 2010, 42, 343-347.	2.7	4

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91	Bosonization of one-dimensional fermions out of equilibrium. <i>Physical Review B</i> , 2010, 81, .	3.2	87
92	Full Counting Statistics of a Luttinger Liquid Conductor. <i>Physical Review Letters</i> , 2010, 105, 256802.	7.8	37
93	Population Switching and Charge Sensing in Quantum Dots: A Case for a Quantum Phase Transition. <i>Physical Review Letters</i> , 2010, 104, 226805.	7.8	23
94	Bosonization out of equilibrium. <i>Europhysics Letters</i> , 2010, 90, 37003.	2.0	33
95	Transmission phase of quantum dots: Testing the role of population switching. <i>Physical Review B</i> , 2009, 79, .	3.2	22
96	Tunneling spectroscopy of Luttinger-liquid structures far from equilibrium. <i>Physical Review B</i> , 2009, 80, .	3.2	40
97	Nonequilibrium Zero-Bias Anomaly in Disordered Metals. <i>Physical Review Letters</i> , 2008, 100, 086801.	7.8	11
98	Nonequilibrium Luttinger Liquid: Zero-Bias Anomaly and Dephasing. <i>Physical Review Letters</i> , 2008, 101, 126802.	7.8	52
99	Weak Values of Electron Spin in a Double Quantum Dot. <i>Physical Review Letters</i> , 2008, 100, 056801.	7.8	54
100	Towards a Dephasing Diode: Asymmetric and Geometric Dephasing. <i>Physical Review Letters</i> , 2008, 100, 126806.	7.8	6
101	Tomography of Many-Body Weak Values: Mach-Zehnder Interferometry. <i>Physical Review Letters</i> , 2008, 101, 226802.	7.8	35
102	Transmission phase lapses in quantum dots: the role of dot-lead coupling asymmetry. <i>New Journal of Physics</i> , 2007, 9, 120-120.	2.9	15
103	Suppression of visibility in a two-electron Mach-Zehnder interferometer. <i>Physical Review B</i> , 2007, 76, .	3.2	1
104	Decoherence and interactions in an electronic Mach-Zehnder interferometer. <i>Physical Review B</i> , 2007, 76, .	3.2	74
105	Shot noise in an anyonic Mach-Zehnder interferometer. <i>Physical Review B</i> , 2007, 76, .	3.2	63
106	Transverse spin fluctuations in metallic quantum dots. <i>Physica B: Condensed Matter</i> , 2006, 378-380, 947-948.	2.7	1
107	Electronic Mach-Zehnder interferometer as a tool to probe fractional statistics. <i>Physical Review B</i> , 2006, 74, .	3.2	88
108	Interplay of Spin and Charge Channels in Zero-Dimensional Systems. <i>Physical Review Letters</i> , 2006, 96, 066805.	7.8	18

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109	Transmission through quantum dots: Focus on phase lapses. Physical Review B, 2006, 74, .	3.2	55
110	Berry Phase with Environment: Classical versus Quantum. , 2006, , 9-23.		4
111	Berry phase in the presence of external noise. AIP Conference Proceedings, 2005, , .	0.4	0
112	Kinetic theory of fluctuations in conducting systems. Physical Review B, 2005, 71, .	3.2	21
113	Nonmonotonic charge occupation in double dots. Physical Review B, 2005, 71, .	3.2	41
114	Theory of Charge Sensing in Quantum-Dot Structures. Physical Review Letters, 2005, 94, 076802.	7.8	24
115	Quasiparticle Tunneling through a Barrier in the Fractional Quantum Hall Regime. Physical Review Letters, 2005, 95, 136803.	7.8	4
116	Comment on "Do Intradot Electron-Electron Interactions Induce Dephasing?" Physical Review Letters, 2005, 94, 179701; author reply 179702.	7.8	4
117	Geometric Nature of the Environment-Induced Berry Phase and Geometric Dephasing. Physical Review Letters, 2005, 94, 070407.	7.8	105
118	Berry Phase in a Nonisolated System. Physical Review Letters, 2003, 90, 190402.	7.8	102
119	Statistical properties of the first excited state of an interacting many-particle disordered system. Physical Review B, 2003, 68, .	3.2	7
120	Backscattering off a point impurity: Current enhancement and conductance greater than $2/h$ per channel. Physical Review B, 2003, 67, .	3.2	48
121	Anderson orthogonality catastrophe in disordered systems. Physical Review B, 2002, 65, .	3.2	32
122	Orthogonality catastrophe in parametric random matrices. Physical Review B, 2002, 65, .	3.2	14
123	Signs of quantum dot "lead matrix elements: The effect on transport versus spectral properties. Physical Review B, 2002, 66, .	3.2	76
124	Aharonov-Bohm interferometry with interacting quantum dots: Spin configurations, asymmetric interference patterns, bias-voltage-induced Aharonov-Bohm oscillations, and symmetries of transport coefficients. Physical Review B, 2002, 65, .	3.2	127
125	Quantum Interferometry with Electrons: Outstanding Challenges. , 2002, , 13-41.		2
126	Coherence and Partial Coherence in Interacting Electron Systems. Physical Review Letters, 2001, 86, 3855-3858.	7.8	99

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127	Correlations in the cotunneling regime of a quantum dot. Physical Review B, 2000, 61, 10247-10254.	3.2	5
128	Density Modulations and Addition Spectra of Interacting Electrons in Disordered Quantum Dots. Physical Review Letters, 1999, 82, 5329-5332.	7.8	31
129	Addition spectrum and Koopmans's™ theorem for disordered quantum dots. Physical Review B, 1999, 60, 2541-2553.	3.2	33
130	An Approximate Sign Sum Rule for the Transmission Amplitude through a Quantum Dot. Physical Review Letters, 1999, 83, 5094-5097.	7.8	37
131	Level Statistics of Quantum Dots Coupled to Reservoirs. Physical Review Letters, 1998, 81, 4468-4471.	7.8	20
132	Phase correlations in transmission through a cavity. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1998, 77, 1123-1133.	0.6	5
133	Quasiparticle Lifetime in a Finite System: A Nonperturbative Approach. Physical Review Letters, 1997, 78, 2803-2806.	7.8	509
134	Differences between statistical mechanics and thermodynamics on the mesoscopic scale. Physical Review B, 1997, 56, 1025-1028.	3.2	3
135	Electron scattering through a quantum dot: A phase lapse mechanism. Physical Review B, 1997, 55, 13726-13729.	3.2	67
136	Statistical ensembles and spectral correlations in mesoscopic systems. Chaos, Solitons and Fractals, 1997, 8, 1229-1247.	5.1	5
137	What is the Thouless Energy for Ballistic Systems?. Physical Review Letters, 1996, 76, 1130-1133.	7.8	27
138	Zero-bias anomaly in finite-size systems. Physical Review B, 1996, 54, 5428-5437.	3.2	46
139	Spectral statistics of nondiffusive disordered electron systems: A comprehensive approach. Physical Review B, 1995, 51, 10671-10690.	3.2	32
140	(ALMOST) EVERYTHING YOU ALWAYS WANTED TO KNOW ABOUT THE CONDUCTANCE OF MESOSCOPIC SYSTEMS. International Journal of Modern Physics B, 1995, 09, 751-802.	2.0	20
141	On the Role of the Statistical Ensemble in the Dynamics and Thermodynamics of Finite Disordered Systems. , 1995, , 81-92.		0
142	\hat{H}_0 -periodic Aharonov-Bohm oscillations and ensemble averaging. Physical Review B, 1994, 49, 14474-14477.	3.2	11
143	Magnetic Response of Disordered Ballistic Quantum Dots. Physical Review Letters, 1994, 73, 154-157.	7.8	16
144	Magnetization of disordered ballistic quantum billiards. Annalen Der Physik, 1994, 506, 467-482.	2.4	3

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145	Detection of fractional charge and quenching of the quantum Hall effect. Physical Review B, 1993, 47, 10423-10436.	3.2	27
146	Static versus adiabatic response of mesoscopic systems: The role of the statistical ensemble. Physical Review Letters, 1993, 70, 1976-1979.	7.8	32
147	Spectral statistics in nondiffusive regimes. Physical Review Letters, 1993, 71, 3339-3342.	7.8	31
148	Energy and current correlations in mesoscopic rings and quantum dots. Physical Review B, 1992, 46, 15922-15929.	3.2	8
149	Effects of spin-orbit scattering in mesoscopic rings: Canonical- versus grand-canonical-ensemble averaging. Physical Review B, 1992, 45, 11890-11895.	3.2	25
150	Dynamics and scaling properties of localization in energy space in two-dimensional mesoscopic systems. Physical Review B, 1992, 46, 7691-7706.	3.2	5
151	Energy localization in mesoscopic systems: Rings versus cylinders. Physical Review Letters, 1991, 67, 3582-3585.	7.8	11
152	Noise spectrum and the fluctuation-dissipation theorem in mesoscopic rings. Annals of Physics, 1991, 206, 68-89.	2.8	12
153	Onset of dissipation in Zener dynamics: Relaxation versus dephasing. Annals of Physics, 1991, 210, 16-80.	2.8	107
154	Spin-Orbit Effects in Disordered Systems. NATO ASI Series Series B: Physics, 1991, , 91-97.	0.2	0
155	Magnetic Properties Near Percolation. , 1991, , 301-306.		0
156	Zener dynamics beyond Zener's assumptions. Physica A: Statistical Mechanics and Its Applications, 1990, 168, 456-468.	2.6	8
157	Magnetic-field and spin-orbit interaction in restricted geometries: Solvable models. Physical Review B, 1990, 42, 8351-8360.	3.2	46
158	Mesoscopic rings driven by time-dependent magnetic flux: Level correlations and localization in energy space. Physical Review B, 1990, 41, 4441-4455.	3.2	21
159	Charging corrections to the Josephson Hamiltonian. Physical Review B, 1989, 40, 2158-2162.	3.2	10
160	Ultra-small-capacitance Josephson junction: Inductive coupling to a voltage source. Physical Review B, 1989, 40, 2147-2157.	3.2	7
161	Time of Zener tunneling. Physical Review Letters, 1989, 62, 2543-2546.	7.8	103
162	Persistent Currents in Mesoscopic Normal Metal Rings. Physica Scripta, 1989, T25, 357-361.	2.5	34

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163	The buikding blocks of random walks. Physica D: Nonlinear Phenomena, 1989, 38, 119-127.	2.8	1
164	Universal effects of spin-orbit scattering in mesoscopic systems. Physical Review Letters, 1989, 63, 798-800.	7.8	175
165	Persistent Currents in Mesoscopic Rings and Cylinders. Physical Review Letters, 1989, 62, 587-590.	7.8	289
166	The dynamics of mesoscopic normal tunnel junctions. Physica B: Condensed Matter, 1988, 152, 172-185.	2.7	29
167	Persistent currents in small one-dimensional metal rings. Physical Review B, 1988, 37, 6050-6062.	3.2	569
168	Isolated rings of mesoscopic dimensions. Quantum coherence and persistent currents. IBM Journal of Research and Development, 1988, 32, 359-371.	3.1	131
169	Coherent voltage oscillations in small normal tunnel junctions and the crossover to the incoherent regime. IBM Journal of Research and Development, 1988, 32, 103-106.	3.1	1
170	Shot-noise-generated 1/f fluctuations in one-dimensional systems. Physical Review A, 1988, 37, 601-607.	2.5	0
171	Inflationary character of Penrose tilings. Journal De Physique, 1988, 49, 1111-1118.	1.8	3
172	Relation between the classical resistance of inhomogeneous networks and diffusion. Physical Review B, 1987, 35, 8639-8645.	3.2	12
173	Zener transitions in dissipative driven systems. Physical Review B, 1987, 36, 2770-2782.	3.2	80
174	Onset of Ohmic resistance in submicron systems. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1987, 56, 1005-1007.	0.6	17
175	Nonlinear Behavior near the Percolation Metal-Insulator Transition. Physical Review Letters, 1986, 57, 3097-3100.	7.8	131
176	Analytic method for calculating properties of random walks on networks. Physical Review A, 1986, 33, 2583-2594.	2.5	51
177	New quantum oscillations in current driven small junctions. Physics Letters, Section A: General, Atomic and Solid State Physics, 1985, 108, 289-292.	2.1	146
178	Fractal eigendimensionalities for percolation clusters. Physical Review B, 1985, 31, 4721-4724.	3.2	10
179	Effect of inelastic processes on localization in one dimension. Physical Review B, 1984, 30, 7323-7325.	3.2	14
180	Partial dimensional sequences and percolation. Journal of Statistical Physics, 1984, 36, 827-830.	1.2	5

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181	Dynamic Scaling near the Percolation Threshold in Thin Au Films. Physical Review Letters, 1984, 53, 380-383.	7.8	165
182	Magnetic correlations on fractals. Journal of Statistical Physics, 1984, 36, 795-805.	1.2	33
183	Quantum oscillations in small rings at low temperatures. Surface Science, 1984, 142, 203-207.	1.9	44
184	Quantum Oscillations and the Aharonov-Bohm Effect for Parallel Resistors. Physical Review Letters, 1984, 52, 129-132.	7.8	411
185	Interaction effects in disordered conductors near the metal-insulator transition. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1984, 50, 203-220.	0.6	19
186	NONLINEAR RESPONSE AND METASTABILITY OF COULOMB SYSTEMS NEAR THE PERCOLATION THRESHOLD. , 1984, , 161-164.		2
187	Anomalous Diffusion on Percolating Clusters. Physical Review Letters, 1983, 50, 77-80.	7.8	985
188	Geometric Implementation of Hypercubic Lattices with Noninteger Dimensionality by Use of Low Lacunarity Fractal Lattices. Physical Review Letters, 1983, 50, 145-148.	7.8	227
189	Self-consistent scaling theory of the metal-insulator transition in disordered systems. Physical Review B, 1983, 28, 3569-3572.	3.2	22
190	Dielectric anomalies near the Anderson metal-insulator transition. Physical Review B, 1982, 26, 3436-3439.	3.2	87
191	Sociophysics: A new approach of sociological collective behaviour. I. mean-behaviour description of a strike. Journal of Mathematical Sociology, 1982, 9, 1-13.	1.2	332
192	Solvable Fractal Family, and Its Possible Relation to the Backbone at Percolation. Physical Review Letters, 1981, 47, 1771-1774.	7.8	364
193	Critical Phenomena on Fractal Lattices. Physical Review Letters, 1980, 45, 855-858.	7.8	408