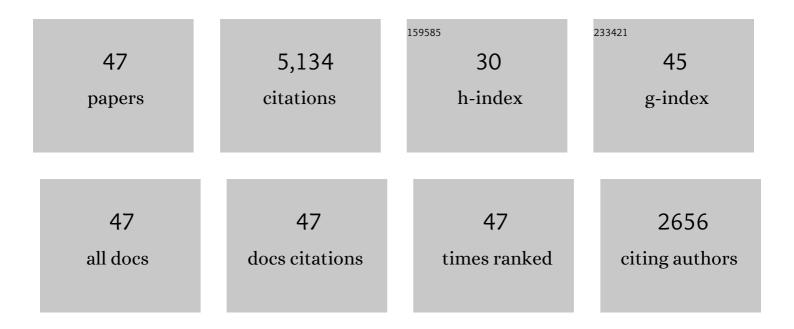
Ehud Altman

List of Publications by Year in descending order

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Εμμή Διτμανι

#	Article	IF	CITATIONS
1	Observation of many-body localization of interacting fermions in a quasirandom optical lattice. Science, 2015, 349, 842-845.	12.6	1,222
2	Universal Dynamics and Renormalization in Many-Body-Localized Systems. Annual Review of Condensed Matter Physics, 2015, 6, 383-409.	14.5	420
3	Theory of the Many-Body Localization Transition in One-Dimensional Systems. Physical Review X, 2015, 5, .	8.9	293
4	Theory of the phase transition in random unitary circuits with measurements. Physical Review B, 2020, 101, .	3.2	230
5	Hilbert-Glass Transition: New Universality of Temperature-Tuned Many-Body Dynamical Quantum Criticality. Physical Review X, 2014, 4, .	8.9	197
6	Observation of Slow Dynamics near the Many-Body Localization Transition in One-Dimensional Quasiperiodic Systems. Physical Review Letters, 2017, 119, 260401.	7.8	190
7	Rise and fall of hidden string order of lattice bosons. Physical Review B, 2008, 77, .	3.2	179
8	Solvable model for a dynamical quantum phase transition from fast to slow scrambling. Physical Review B, 2017, 95, .	3.2	172
9	Localization and topology protected quantum coherence at the edge of hot matter. Nature Communications, 2015, 6, 7341.	12.8	171
10	Signatures of Many-Body Localization in a Controlled Open Quantum System. Physical Review X, 2017, 7,	8.9	169
11	Dynamical Quantum Phase Transitions in Random Spin Chains. Physical Review Letters, 2014, 112, .	7.8	160
12	A Universal Operator Growth Hypothesis. Physical Review X, 2019, 9, .	8.9	153
13	Rareâ€region effects and dynamics near the manyâ€body localization transition. Annalen Der Physik, 2017, 529, 1600326.	2.4	152
14	Quantum critical states and phase transitions in the presence of non-equilibrium noise. Nature Physics, 2010, 6, 806-810.	16.7	132
15	Many-body Landau–Zener dynamics in coupled one-dimensional Bose liquids. Nature Physics, 2011, 7, 61-67.	16.7	124
16	Full quantum distribution of contrast in interference experiments between interacting one-dimensional Bose liquids. Nature Physics, 2006, 2, 705-709.	16.7	115
17	Dynamics of a Many-Body-Localized System Coupled to a Bath. Physical Review Letters, 2016, 116, 160401.	7.8	105
18	Measurement-Induced Transition in Long-Range Interacting Quantum Circuits. Physical Review Letters, 2022, 128, 010604.	7.8	82

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19	Superfluid-insulator transition of disordered bosons in one dimension. Physical Review B, 2010, 81, .	3.2	70
20	Many-body localization and quantum thermalization. Nature Physics, 2018, 14, 979-983.	16.7	69
21	Symmetry enriched phases of quantum circuits. Annals of Physics, 2021, 435, 168618.	2.8	69
22	Dynamics and universality in noise-driven dissipative systems. Physical Review B, 2012, 85, .	3.2	66
23	Topological States in a One-Dimensional Fermi Gas with Attractive Interaction. Physical Review Letters, 2015, 114, 100401.	7.8	52
24	Insulating Phases and Superfluid-Insulator Transition of Disordered Boson Chains. Physical Review Letters, 2008, 100, 170402.	7.8	50
25	Adiabatic preparation of many-body states in optical lattices. Physical Review A, 2010, 81, .	2.5	49
26	Exploration of the stability of many-body localization in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"> <mml:mrow> <mml:mi>d</mml:mi> <mml:mo>>Physical Review B, 2019, 99, .</mml:mo></mml:mrow></mml:math 	l:m o .2<: mn	nl:nanal>1
27	Scaling properties of one-dimensional driven-dissipative condensates. Physical Review B, 2015, 92, .	3.2	38
28	Finding purifications with minimal entanglement. Physical Review B, 2018, 98, .	3.2	38
29	Topological degeneracy and pairing in a one-dimensional gas of spinless fermions. Physical Review B, 2017, 96, .	3.2	37
30	Integrable and Chaotic Dynamics of Spins Coupled to an Optical Cavity. Physical Review X, 2019, 9, .	8.9	32
31	Chiral bosonic Mott insulator on the frustrated triangular lattice. Physical Review B, 2014, 89, .	3.2	30
32	Chaos in a classical limit of the Sachdev-Ye-Kitaev model. Physical Review B, 2019, 100, .	3.2	26
33	Activating Many-Body Localization in Solids by Driving with Light. Physical Review Letters, 2018, 121, 267603.	7.8	24
34	Quantum phases of Bose-Bose mixtures on a triangular lattice. Physical Review A, 2012, 86, .	2.5	22
35	Variable-Range Hopping through Marginally Localized Phonons. Physical Review Letters, 2016, 116, 116601.	7.8	21
36	Evidence for a delocalization quantum phase transition without symmetry breaking in CeCoIn ₅ . Science, 2022, 375, 76-81.	12.6	21

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#	Article	IF	CITATIONS
37	Solvable theory of a strange metal at the breakdown of a heavy Fermi liquid. Physical Review B, 2022, 105, .	3.2	20
38	Universal Dynamics of Stochastically Driven Quantum Impurities. Physical Review Letters, 2019, 123, 230604.	7.8	18
39	Critical Behavior near the Many-Body Localization Transition in Driven Open Systems. Physical Review Letters, 2020, 125, 116601.	7.8	18
40	Numerical evidence for strong randomness scaling at a superfluid-insulator transition of one-dimensional bosons. Physical Review B, 2013, 88, .	3.2	16
41	Dirac fast scramblers. Physical Review B, 2021, 103, .	3.2	13
42	Fate of the one-dimensional Ising quantum critical point coupled to a gapless boson. Physical Review B, 2017, 95, .	3.2	12
43	Absence of Heating in a Uniform Fermi Gas Created by Periodic Driving. Physical Review X, 2022, 12, .	8.9	8
44	PROJECTED SO(5) HAMILTONIAN FOR CUPRATES AND ITS APPLICATIONS. International Journal of Modern Physics B, 2001, 15, 2509-2518.	2.0	3
45	Mott Criticality and Pseudogap in Bose-Fermi Mixtures. Physical Review Letters, 2012, 109, 235304.	7.8	2
46	PHYSICS: Critical Insights. Science, 2007, 315, 1504-1505.	12.6	0
47	Evidence for a delocalization quantum phase transition without symmetry breaking in CeColn.	12.6	0

'' Science, 2021, , eaaz4566.