

# Mark Srednicki

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7774922/publications.pdf>

Version: 2024-02-01

28  
papers

3,229  
citations

471477

17  
h-index

580810

25  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1892  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chaos and quantum thermalization. <i>Physical Review E</i> , 1994, 50, 888-901.	2.1	2,095
2	The approach to thermal equilibrium in quantized chaotic systems. <i>Journal of Physics A</i> , 1999, 32, 1163-1175.	1.6	355
3	Eigenstate thermalization in the two-dimensional transverse field Ising model. <i>Physical Review E</i> , 2016, 93, 032104.	2.1	100
4	A quantum field theoretic description of linking numbers and their generalization. <i>Communications in Mathematical Physics</i> , 1990, 130, 83-94.	2.2	84
5	Bounds on Chaos from the Eigenstate Thermalization Hypothesis. <i>Physical Review Letters</i> , 2019, 123, 230606.	7.8	72
6	Are we typical?. <i>Physical Review D</i> , 2007, 75, .	4.7	65
7	Correlations in Chaotic Eigenfunctions at Large Separation. <i>Physical Review Letters</i> , 1998, 80, 1646-1649.	7.8	63
8	Structure of chaotic eigenstates and their entanglement entropy. <i>Physical Review E</i> , 2019, 100, 022131.	2.1	45
9	Constraints from inflation and reheating on superpartner masses. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997, 396, 50-57.	4.1	43
10	Is purity eternal?. <i>Nuclear Physics B</i> , 1993, 410, 143-154.	2.5	37
11	New constraints on superpartner masses. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996, 367, 183-187.	4.1	36
12	High-energy gravitational scattering and black hole resonances. <i>Physical Review D</i> , 2008, 77, .	4.7	33
13	Science in a very large universe. <i>Physical Review D</i> , 2010, 81, .	4.7	32
14	Against tachyophobia. <i>Physical Review D</i> , 2008, 78, .	4.7	27
15	Eigenstate thermalization in systems with spontaneously broken symmetry. <i>Physical Review E</i> , 2015, 92, 040103.	2.1	27
16	Random matrix elements and eigenfunctions in chaotic systems. <i>Physical Review E</i> , 1998, 57, 7313-7316.	2.1	21
17	Optimization of finite-size errors in finite-temperature calculations of unordered phases. <i>Physical Review E</i> , 2015, 91, 062142.	2.1	20
18	Relaxation to Gaussian and generalized Gibbs states in systems of particles with quadratic Hamiltonians. <i>Physical Review E</i> , 2019, 100, 012146.	2.1	17

#	ARTICLE	IF	CITATIONS
19	Spectral statistics of the $k$ -body random-interaction model. <i>Physical Review E</i> , 2002, 66, 046138.	2.1	13
20	Subjective and objective probabilities in quantum mechanics. <i>Physical Review A</i> , 2005, 71, .	2.5	10
21	Nonclassical Degrees of Freedom in the Riemann Hamiltonian. <i>Physical Review Letters</i> , 2011, 107, 100201.	7.8	10
22	Comment on "Ambiguities in the Up-Quark Mass". <i>Physical Review Letters</i> , 2005, 95, 059101.	7.8	9
23	Quantum Chaos and Statistical Mechanics. <i>Annals of the New York Academy of Sciences</i> , 1995, 755, 757-760.	3.8	5
24	A NEW CONSTRUCTION OF THE PENNER MODEL. <i>Modern Physics Letters A</i> , 1992, 07, 2857-2860.	1.2	4
25	The Xerographic Distribution: Scientific Reasoning in a Large Universe. <i>Journal of Physics: Conference Series</i> , 2013, 462, 012050.	0.4	4
26	AXIONS: PAST, PRESENT, AND FUTURE. , 2002, , .		2
27	Inflation and the 3-point function of the CMB. <i>Annals of the New York Academy of Sciences</i> , 1993, 688, 821-823.	3.8	0
28	Quantum correlations for a simple kicked system with mixed phase space. <i>Physical Review E</i> , 2018, 97, 062213.	2.1	0