

# Olivier Giraud

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

426  
citations

759233

12  
h-index

752698

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

180  
citing authors

#	ARTICLE	IF	CITATIONS
1	Joint probability densities of level spacing ratios in random matrices. Journal of Physics A: Mathematical and Theoretical, 2013, 46, 355204.	2.1	63
2	Eigenfunction Entropy and Spectral Compressibility for Critical Random Matrix Ensembles. Physical Review Letters, 2011, 106, 044101.	7.8	59
3	Random Matrix Ensembles Associated with Lax Matrices. Physical Review Letters, 2009, 103, 054103.	7.8	39
4	Intermediate statistics in quantum maps. Journal of Physics A, 2004, 37, L303-L311.	1.6	36
5	Perturbation approach to multifractal dimensions for certain critical random-matrix ensembles. Physical Review E, 2011, 84, 036212.	2.1	31
6	Multifractality and intermediate statistics in quantum maps. Physical Review E, 2008, 77, 035201.	2.1	27
7	Multifractal dimensions for all moments for certain critical random-matrix ensembles in the strong multifractality regime. Physical Review E, 2012, 85, 046208.	2.1	26
8	High values of disorder-generated multifractals and logarithmically correlated processes. Chaos, Solitons and Fractals, 2015, 74, 15-26.	5.1	24
9	Two Scenarios for Quantum Multifractality Breakdown. Physical Review Letters, 2014, 112, 234101.	7.8	23
10	Chaos-assisted tunneling resonances in a synthetic Floquet superlattice. Science Advances, 2020, 6, .	10.3	22
11	Integrable random matrix ensembles. Nonlinearity, 2011, 24, 3179-3213.	1.4	16
12	Multifractality of quantum wave packets. Physical Review E, 2012, 86, 056215.	2.1	12
13	Multifractality of quantum wave functions in the presence of perturbations. Physical Review E, 2015, 92, 032914.	2.1	11
14	Bipartite and tripartite entanglement in a Bose-Einstein acoustic black hole. Physical Review A, 2021, 104, .	2.5	9
15	Chaos-Assisted Long-Range Tunneling for Quantum Simulation. Physical Review Letters, 2021, 126, 174102.	7.8	7
16	Network community structure and resilience to localized damage: Application to brain microcirculation. Brain Multiphysics, 2021, 2, 100028.	2.3	5
17	Statistical properties of structured random matrices. Physical Review E, 2021, 103, 042213.	2.1	5
18	Symmetry violation of quantum multifractality: Gaussian fluctuations versus algebraic localization. Physical Review Research, 2021, 3, .	3.6	5

#	ARTICLE	IF	CITATIONS
19	Coherent forward scattering peak and multifractality. Physical Review Research, 2021, 3, .	3.6	4
20	Calculation of mean spectral density for statistically uniform treelike random models. Physical Review E, 2013, 88, 062811.	2.1	2
21	Harmonic structures of Beethoven quartets: a complex network approach. European Physical Journal B, 2022, 95, .	1.5	0