

# Joseph E Avron

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10426760/publications.pdf>

Version: 2024-02-01

10  
papers

808  
citations

1163117

8  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

553  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantization of the Hall Conductance for General, Multiparticle Schrödinger Hamiltonians. Physical Review Letters, 1985, 54, 259-262.	7.8	221
2	Adiabatic Theorem without a Gap Condition. Communications in Mathematical Physics, 1999, 203, 445-463.	2.2	176
3	A Topological Look at the Quantum Hall Effect. Physics Today, 2003, 56, 38-42.	0.3	152
4	Charge deficiency, charge transport and comparison of dimensions. Communications in Mathematical Physics, 1994, 159, 399-422.	2.2	125
5	Quantum Hall effect and the relative index for projections. Physical Review Letters, 1990, 65, 2185-2188.	7.8	44
6	Hall conductance and adiabatic charge transport of leaky tori. Physical Review Letters, 1992, 69, 128-131.	7.8	36
7	Classification scheme for toroidal molecules. Journal of the Chemical Society, Faraday Transactions, 1995, 91, 4037.	1.7	27
8	Adiabatic charge pumping in open quantum systems. Communications on Pure and Applied Mathematics, 2004, 57, 528-561.	3.1	24
9	Geometry and quantum transport. Journal D'Analyse Mathématique, 1992, 58, 1-7.	0.8	2
10	Toroidal Graphitic Molecules. Fullerenes, Nanotubes, and Carbon Nanostructures, 1998, 6, 31-37.	0.6	1