

Patrick Becker

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6121831/publications.pdf>

Version: 2024-02-01

10
papers

1,970
citations

1040056

9
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

2327
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of a discrete time crystal. Nature, 2017, 543, 217-220.	27.8	764
2	Observation of a many-body dynamical phase transition with a 53-qubit quantum simulator. Nature, 2017, 551, 601-604.	27.8	735
3	Quantum approximate optimization of the long-range Ising model with a trapped-ion quantum simulator. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 25396-25401.	7.1	122
4	Observation of a prethermal discrete time crystal. Science, 2021, 372, 1192-1196.	12.6	93
5	Cryogenic trapped-ion system for large scale quantum simulation. Quantum Science and Technology, 2019, 4, 014004.	5.8	90
6	Observation of Stark many-body localization without disorder. Nature, 2021, 599, 393-398.	27.8	69
7	Domain-wall confinement and dynamics in a quantum simulator. Nature Physics, 2021, 17, 742-747.	16.7	56
8	Non-thermalization in trapped atomic ion spin chains. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2017, 375, 20170107.	3.4	29
9	Laser ablation production of Ba, Ca, Dy, Er, La, Lu, and Yb ions. Applied Physics B: Lasers and Optics, 2017, 123, 1.	2.2	10
10	Quantum Computing and Simulation with Trapped Atomic Ions. , 2019, , .		0