

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