

Francisco Machado

List of Publications by Year in descending order

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13
papers

732
citations

687363
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1125743
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13
all docs

13
docs citations

13
times ranked

786
citing authors

#	ARTICLE	IF	CITATIONS
1	Imaging stress and magnetism at high pressures using a nanoscale quantum sensor. Science, 2019, 366, 1349-1354.	12.6	129
2	Observation of a prethermal discrete time crystal. Science, 2021, 372, 1192-1196.	12.6	93
3	Imaging the Local Charge Environment of Nitrogen-Vacancy Centers in Diamond. Physical Review Letters, 2018, 121, 246402.	7.8	84
4	Many-body “localized discrete time crystal with a programmable spin-based quantum simulator. Science, 2021, 374, 1474-1478.	12.6	80
5	Quantum gas microscopy of Kardar-Parisi-Zhang superdiffusion. Science, 2022, 376, 716-720.	12.6	76
6	Long-Range Prethermal Phases of Nonequilibrium Matter. Physical Review X, 2020, 10, .	8.9	61
7	Improved Lieb-Robinson bound for many-body Hamiltonians with power-law interactions. Physical Review A, 2020, 101, .	2.5	45
8	Exponentially slow heating in short and long-range interacting Floquet systems. Physical Review Research, 2019, 1, .	3.6	40
9	Emergent hydrodynamics in a strongly interacting dipolar spin ensemble. Nature, 2021, 597, 45-50.	27.8	37
10	Emergent Hydrodynamics in Nonequilibrium Quantum Systems. Physical Review Letters, 2020, 125, 030601.	7.8	27
11	Floquet Phases of Matter via Classical Prethermalization. Physical Review Letters, 2021, 127, 140603.	7.8	26
12	Emergent Ergodicity at the Transition between Many-Body Localized Phases. Physical Review Letters, 2021, 126, 100604.	7.8	19
13	Shaping Polaritons to Reshape Selection Rules. ACS Photonics, 2018, 5, 3064-3072.	6.6	15