

Francisco Machado

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

732
citations

686830

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h-index

1125271

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all docs

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docs citations

13
times ranked

786
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Imaging stress and magnetism at high pressures using a nanoscale quantum sensor. <i>Science</i> , 2019, 366, 1349-1354. | 6.0 | 129 |
| 2 | Observation of a prethermal discrete time crystal. <i>Science</i> , 2021, 372, 1192-1196. | 6.0 | 93 |
| 3 | Imaging the Local Charge Environment of Nitrogen-Vacancy Centers in Diamond. <i>Physical Review Letters</i> , 2018, 121, 246402. | 2.9 | 84 |
| 4 | Many-body "localized discrete time crystal with a programmable spin-based quantum simulator. <i>Science</i> , 2021, 374, 1474-1478. | 6.0 | 80 |
| 5 | Quantum gas microscopy of Kardar-Parisi-Zhang superdiffusion. <i>Science</i> , 2022, 376, 716-720. | 6.0 | 76 |
| 6 | Long-Range Prethermal Phases of Nonequilibrium Matter. <i>Physical Review X</i> , 2020, 10, . | 2.8 | 61 |
| 7 | Improved Lieb-Robinson bound for many-body Hamiltonians with power-law interactions. <i>Physical Review A</i> , 2020, 101, . | 1.0 | 45 |
| 8 | Exponentially slow heating in short and long-range interacting Floquet systems. <i>Physical Review Research</i> , 2019, 1, . | 1.3 | 40 |
| 9 | Emergent hydrodynamics in a strongly interacting dipolar spin ensemble. <i>Nature</i> , 2021, 597, 45-50. | 13.7 | 37 |
| 10 | Emergent Hydrodynamics in Nonequilibrium Quantum Systems. <i>Physical Review Letters</i> , 2020, 125, 030601. | 2.9 | 27 |
| 11 | Floquet Phases of Matter via Classical Prethermalization. <i>Physical Review Letters</i> , 2021, 127, 140603. | 2.9 | 26 |
| 12 | Emergent Ergodicity at the Transition between Many-Body Localized Phases. <i>Physical Review Letters</i> , 2021, 126, 100604. | 2.9 | 19 |
| 13 | Shaping Polaritons to Reshape Selection Rules. <i>ACS Photonics</i> , 2018, 5, 3064-3072. | 3.2 | 15 |