

Lorenzo Fratino

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

260
citations

1040056

9
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

292
citing authors

#	ARTICLE	IF	CITATIONS
1	An organizing principle for two-dimensional strongly correlated superconductivity. Scientific Reports, 2016, 6, 22715.	3.3	57
2	Spatiotemporal characterization of the field-induced insulator-to-metal transition. Science, 2021, 373, 907-911.	12.6	52
3	Signatures of the Mott transition in the antiferromagnetic state of the two-dimensional Hubbard model. Physical Review B, 2017, 95, .	3.2	46
4	Antagonistic effects of nearest-neighbor repulsion on the superconducting pairing dynamics in the doped Mott insulator regime. Physical Review B, 2016, 94, .	3.2	21
5	Pseudogap and superconductivity in two-dimensional doped charge-transfer insulators. Physical Review B, 2016, 93, .	3.2	18
6	Effects of interaction strength, doping, and frustration on the antiferromagnetic phase of the two-dimensional Hubbard model. Physical Review B, 2017, 96, .	3.2	18
7	<i>Operando</i> characterization of conductive filaments during resistive switching in Mott VO ₂ . Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	15
8	Transverse barrier formation by electrical triggering of a metal-to-insulator transition. Nature Communications, 2021, 12, 5499.	12.8	12
9	Entanglement dynamics in a quantum-classical hybrid of two q-bits and one oscillator. Physica Scripta, 2014, T163, 014005.	2.5	9
10	Mirror-induced decoherence in hybrid quantum-classical theory. Physical Review A, 2014, 90, .	2.5	9
11	Doping-driven resistive collapse of the Mott insulator in a minimal model for VO_2 . Physical Review B, 2022, 105, .		