## Lorenzo Fratino

List of Publications by Year in descending order

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1040056 1281871 11 260 9 11 citations h-index g-index papers 11 11 11 292 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Doping-driven resistive collapse of the Mott insulator in a minimal model for <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>VO</mml:mi><mml:mn>2<td>ന്ന<b>ു</b>⊿്നന</td><td>l:m<b>s</b>ub&gt;</td></mml:mn></mml:msub></mml:math>	ന്ന <b>ു</b> ⊿്നന	l:m <b>s</b> ub>
2	<i>Operando</i> characterization of conductive filaments during resistive switching in Mott VO <sub><math>2</math></sub> . Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	15
3	Spatiotemporal characterization of the field-induced insulator-to-metal transition. Science, 2021, 373, 907-911.	12.6	52
4	Transverse barrier formation by electrical triggering of a metal-to-insulator transition. Nature Communications, 2021, 12, 5499.	12.8	12
5	Signatures of the Mott transition in the antiferromagnetic state of the two-dimensional Hubbard model. Physical Review B, 2017, 95, .	3.2	46
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	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
8	Pseudogap and superconductivity in two-dimensional doped charge-transfer insulators. Physical Review B, 2016, 93, .	3.2	18
9	An organizing principle for two-dimensional strongly correlated superconductivity. Scientific Reports, 2016, 6, 22715.	3.3	57
10	Entanglement dynamics in a quantum–classical hybrid of two q-bits and one oscillator. Physica Scripta, 2014, T163, 014005.	2.5	9
11	Mirror-induced decoherence in hybrid quantum-classical theory. Physical Review A, 2014, 90, .	2.5	9