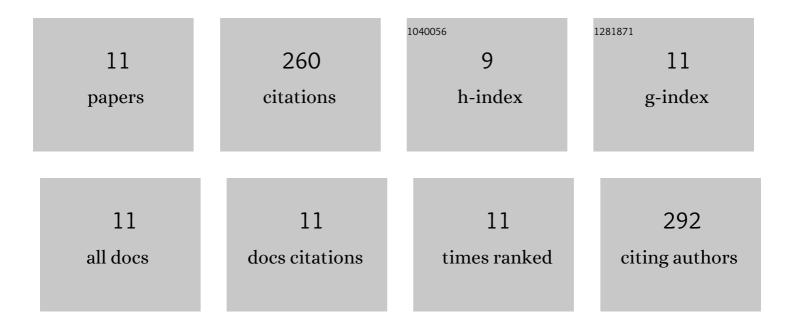
## Lorenzo Fratino

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7797705/publications.pdf Version: 2024-02-01



LOPENZO EPATINO

#	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 <sub>2</sub> . 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
	Doping-driven resistive collapse of the Mott insulator in a minimal model for <mml:math< td=""><td></td><td></td></mml:math<>		

11 xmlns:mml="http://www.w3.org/1998/Math/MathML"> <mml:msub> <mml:mi>VO</mml:mi> <mml:mn>2</mml:mn&g/mml:mgub> </mm Physical Review B, 2022, 105, .