Enrico Rossi

List of Publications by Year
in descending order

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31	3,970	394421	434195
papers	citations	19 h-index	31 g-index

31	31	31	5171
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Quantum-metric-enabled exciton condensate in double twisted bilayer graphene. Physical Review B, 2022, 105, .	3.2	10
2	Missing Shapiro steps in topologically trivial Josephson junction on InAs quantum well. Nature Communications, 2021, 12, 78.	12.8	44
3	Quantum metric and correlated states in two-dimensional systems. Current Opinion in Solid State and Materials Science, 2021, 25, 100952.	11.5	20
4	Van Der Waals Heterostructures with Spinâ€Orbit Coupling. Annalen Der Physik, 2020, 532, 1900344.	2.4	15
5	Vortex and Surface Phase Transitions in Superconducting Higher-order Topological Insulators. Physical Review Letters, 2020, 125, 037001.	7.8	31
6	Proximity-induced spin-orbit splitting in graphene nanoribbons on transition-metal dichalcogenides. Physical Review B, 2020, 101, .	3.2	9
7	Gate controlled anomalous phase shift in Al/InAs Josephson junctions. Nature Communications, 2020, 11, 212.	12.8	87
8	Second-order Dirac superconductors and magnetic field induced Majorana hinge modes. Physical Review B, 2019, 100, .	3.2	89
9	Superconductivity in twisted graphene <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>NbSe</mml:mi><mml:mn>2</mml:mn></mml:msub></m heterostructures. Physical Review B, 2019, 99, .	3.2	17
10	Geometric and Conventional Contribution to the Superfluid Weight in Twisted Bilayer Graphene. Physical Review Letters, 2019, 123, 237002.	7.8	116
11	Spin-charge coupled transport in van der Waals systems with random tunneling. Physical Review Research, 2019, 1, .	3.6	3
12	Impurity-induced states in superconducting heterostructures. Physical Review B, 2018, 97, .	3.2	20
13	Electronic structure of graphene nanoribbons on hexagonal boron nitride. Physical Review B, 2018, 98, .	3.2	11
14	Effects of Gate-Induced Electric Fields on Semiconductor Majorana Nanowires. Physical Review X, 2018, 8, .	8.9	106
15	Local, global, and nonlinear screening in twisted double-layer graphene. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 6623-6628.	7.1	30
16	Interlayer excitonic superfluidity in graphene. Physical Review B, 2013, 88, .	3.2	33
17	Electronic transport in two-dimensional graphene. Reviews of Modern Physics, 2011, 83, 407-470.	45.6	2,857
18	Klein Tunneling in Graphene p-n-p Junctions. ECS Transactions, 2011, 35, 271-276.	0.5	1

#	Article	IF	Citations
19	Vertex corrections for impurity scattering at a ferromagnetic quantum critical point. Physical Review B, 2010, 81, .	3.2	3
20	Spontaneous interlayer superfluidity in bilayer systems of cold polar molecules. Physical Review A, 2010, 82, .	2.5	26
21	Theory of Multiband Superconductivity in Spin-Density-Wave Metals. Physical Review Letters, 2010, 105, 037003.	7.8	15
22	Effective medium theory for disordered two-dimensional graphene. Physical Review B, 2009, 79, .	3.2	83
23	Ground State of Graphene in the Presence of Random Charged Impurities. Physical Review Letters, 2008, 101, 166803.	7.8	155
24	Identifying collective modes through impurity pinning in cuprate superconductors. Physical Review B, 2008, 78, .	3.2	2
25	Magnetic Resonance in the Spin Excitation Spectrum of Electron-Doped Cuprate Superconductors. Physical Review Letters, 2007, 99, 047005.	7.8	34
26	Spatially Dependent Kondo Effect in Quantum Corrals. Physical Review Letters, 2006, 97, 236602.	7.8	25
27	Interlayer Transport in Bilayer Quantum Hall Systems. Physical Review Letters, 2005, 95, 266804.	7.8	36
28	Dynamics of magnetization coupled to a thermal bath of elastic modes. Physical Review B, 2005, 72, .	3.2	40
29	Collective transport in bilayer quantum Hall systems. Physica E: Low-Dimensional Systems and Nanostructures, 2004, 22, 19-24.	2.7	3
30	Control of tearing modes in toroidal fusion experiments using â€œdesignerâ€•error fields. Physics of Plasmas, 2001, 8, 2760-2770.	1.9	13
31	Improved evolution equations for magnetic island chains in toroidal pinch plasmas subject to externally applied resonant magnetic perturbations. Physics of Plasmas, 2001, 8, 4489-4500.	1.9	36