

# Luciano Ricco

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

18 papers	163 citations	8 h-index	12 g-index
21 ext. papers	221 ext. citations	3.4 avg, IF	2.96 L-index

#	Paper	IF	Citations
18	Spin-dependent zero-bias peak in a hybrid nanowire-quantum dot system: Distinguishing isolated Majorana fermions from Andreev bound states. <i>Physical Review B</i> , <b>2019</b> , 99,	3.3	31
17	Majorana oscillations modulated by Fano interference and degree of nonlocality in a topological superconducting-nanowire-quantum-dot system. <i>Physical Review B</i> , <b>2018</b> , 98,	3.3	18
16	Tuning of heat and charge transport by Majorana fermions. <i>Scientific Reports</i> , <b>2018</b> , 8, 2790	4.9	15
15	Probing the antisymmetric Fano interference assisted by a Majorana fermion. <i>Journal of Applied Physics</i> , <b>2014</b> , 116, 173701	2.5	14
14	Encrypting Majorana fermion qubits as bound states in the continuum. <i>Physical Review B</i> , <b>2017</b> , 96,	3.3	14
13	Decay of bound states in the continuum of Majorana fermions induced by vacuum fluctuations: Proposal of qubit technology. <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	13
12	Unveiling Majorana quasiparticles by a quantum phase transition: Proposal of a current switch. <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	11
11	Catching the bound states in the continuum of a phantom atom in graphene. <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	11
10	Quantum phase transition triggering magnetic bound states in the continuum in graphene. <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	8
9	Interaction induced hybridization of Majorana zero modes in a coupled quantum-dot-superconducting-nanowire hybrid system. <i>Physical Review B</i> , <b>2020</b> , 102,	3.3	6
8	Isolating Majorana fermions with finite Kitaev nanowires and temperature: Universality of the zero-bias conductance. <i>Physical Review B</i> , <b>2017</b> , 96,	3.3	5
7	Effect of interdots electronic repulsion in the Majorana signature for a double dot interferometer. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , <b>2016</b> , 78, 25-30	3	3
6	Antibonding ground state of adatom molecules in bulk Dirac semimetals. <i>Physical Review B</i> , <b>2017</b> , 96,	3.3	3
5	Majorana molecules and their spectral fingerprints. <i>Physical Review B</i> , <b>2020</b> , 102,	3.3	3
4	Topological isoconductance signatures in Majorana nanowires. <i>Scientific Reports</i> , <b>2021</b> , 11, 17310	4.9	3
3	Realization of anomalous multiferroicity in free-standing graphene with magnetic adatoms. <i>Physical Review B</i> , <b>2016</b> , 94,	3.3	2
2	Fano fingerprints of Majoranas in Kitaev dimers of superconducting adatoms. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , <b>2016</b> , 83, 297-305	3	2

1	Accessing the degree of Majorana nonlocality in a quantum dot-optical microcavity system.. <i>Scientific Reports</i> , <b>2022</b> , 12, 1983	4.9	1
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