

Luciano Ricco

List of Publications by Year in Descending Order

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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	Accessing the degree of Majorana nonlocality in a quantum dot-optical microcavity system.. <i>Scientific Reports</i> , 2022 , 12, 1983	4.9	1
17	Topological isoconductance signatures in Majorana nanowires. <i>Scientific Reports</i> , 2021 , 11, 17310	4.9	3
16	Interaction induced hybridization of Majorana zero modes in a coupled quantum-dot-superconducting-nanowire hybrid system. <i>Physical Review B</i> , 2020 , 102,	3.3	6
15	Majorana molecules and their spectral fingerprints. <i>Physical Review B</i> , 2020 , 102,	3.3	3
14	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> , 2019 , 99,	3.3	31
13	Tuning of heat and charge transport by Majorana fermions. <i>Scientific Reports</i> , 2018 , 8, 2790	4.9	15
12	Majorana oscillations modulated by Fano interference and degree of nonlocality in a topological superconducting-nanowire-quantum-dot system. <i>Physical Review B</i> , 2018 , 98,	3.3	18
11	Isolating Majorana fermions with finite Kitaev nanowires and temperature: Universality of the zero-bias conductance. <i>Physical Review B</i> , 2017 , 96,	3.3	5
10	Encrypting Majorana fermion qubits as bound states in the continuum. <i>Physical Review B</i> , 2017 , 96,	3.3	14
9	Antibonding ground state of adatom molecules in bulk Dirac semimetals. <i>Physical Review B</i> , 2017 , 96,	3.3	3
8	Unveiling Majorana quasiparticles by a quantum phase transition: Proposal of a current switch. <i>Physical Review B</i> , 2016 , 94,	3.3	11
7	Decay of bound states in the continuum of Majorana fermions induced by vacuum fluctuations: Proposal of qubit technology. <i>Physical Review B</i> , 2016 , 93,	3.3	13
6	Realization of anomalous multiferroicity in free-standing graphene with magnetic adatoms. <i>Physical Review B</i> , 2016 , 94,	3.3	2
5	Effect of interdots electronic repulsion in the Majorana signature for a double dot interferometer. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2016 , 78, 25-30	3	3
4	Fano fingerprints of Majoranas in Kitaev dimers of superconducting adatoms. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2016 , 83, 297-305	3	2
3	Catching the bound states in the continuum of a phantom atom in graphene. <i>Physical Review B</i> , 2015 , 92,	3.3	11
2	Quantum phase transition triggering magnetic bound states in the continuum in graphene. <i>Physical Review B</i> , 2015 , 92,	3.3	8

1 Probing the antisymmetric Fano interference assisted by a Majorana fermion. *Journal of Applied Physics*, **2014**, 116, 173701 2.5 14