Jorge Cayao

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1054164/publications.pdf

Version: 2024-02-01

22	987	623734	642732
papers	citations	14 h-index	23 g-index

23	23	23	640
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Majorana bound states from exceptional points in non-topological superconductors. Scientific Reports, 2016, 6, 21427.	3.3	201
2	SNS junctions in nanowires with spin-orbit coupling: Role of confinement and helicity on the subgap spectrum. Physical Review B, 2015, 91, .	3.2	147
3	Multiple Andreev reflection and critical current in topological superconducting nanowire junctions. New Journal of Physics, 2013, 15, 075019.	2.9	81
4	Supercurrent Detection of Topologically Trivial Zero-Energy States in Nanowire Junctions. Physical Review Letters, 2019, 123, 117001.	7.8	81
5	Majorana splitting from critical currents in Josephson junctions. Physical Review B, 2017, 96, .	3.2	76
6	Odd-frequency superconducting pairing and subgap density of states at the edge of a two-dimensional topological insulator without magnetism. Physical Review B, 2017, 96, .	3.2	59
7	Zero-energy pinning from interactions in Majorana nanowires. Npj Quantum Materials, 2017, 2, .	5.2	52
8	Andreev spectrum and supercurrents in nanowire-based SNS junctions containing Majorana bound states. Beilstein Journal of Nanotechnology, 2018, 9, 1339-1357.	2.8	46
9	Odd-frequency superconducting pairing in one-dimensional systems. European Physical Journal: Special Topics, 2020, 229, 545-575.	2.6	46
10	Odd-frequency superconducting pairing in junctions with Rashba spin-orbit coupling. Physical Review B, 2018, 98, .	3.2	36
11	The Role of Oddâ€Frequency Pairing in Multiband Superconductors. Annalen Der Physik, 2020, 532, 1900298.	2.4	34
12	Finite length effect on supercurrents between trivial and topological superconductors. European Physical Journal: Special Topics, 2018, 227, 1387-1396.	2.6	17
13	Distinguishing trivial and topological zero-energy states in long nanowire junctions. Physical Review B, 2021, 104, .	3.2	17
14	Confinement-induced zero-bias peaks in conventional superconductor hybrids. Physical Review B, 2021, 104, .	3.2	16
15	Odd-frequency superconducting pairing in Kitaev-based junctions. Physical Review B, 2019, 100, .	3.2	13
16	Programable two-qubit gates in capacitively coupled flopping-mode spin qubits. Physical Review B, 2020, 101, .	3.2	13
17	Exceptional odd-frequency pairing in non-Hermitian superconducting systems. Physical Review B, 2022, 105, .	3.2	13
18	Suppression of odd-frequency pairing by phase disorder in a nanowire coupled to Majorana zero modes. Physical Review B, 2020, 101, .	3.2	9

#	Article	IF	Citations
19	Disorder-robust <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>p</mml:mi></mml:math> -wave pairing with odd-frequency dependence in normal metalâ€“conventional superconductor junctions. Physical Review B, 2021, 104, .	3.2	7
20	Bulk odd-frequency pairing in the superconducting Su-Schrieffer-Heeger model. Physical Review B, 2020, 101, .	3.2	6
21	Efficient numerical method for evaluating normal and anomalous time-domain equilibrium Green's functions in inhomogeneous systems. Physical Review B, 2021, 104, .	3.2	5
22	Robust topological superconductivity in weakly coupled nanowire-superconductor hybrid structures. Physical Review B, 2022, 105, .	3.2	5