

# Jorge Cayao

## List of Publications by Year in descending order

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docs citations

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times ranked

640  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exceptional odd-frequency pairing in non-Hermitian superconducting systems. Physical Review B, 2022, 105, .	3.2	13
2	Robust topological superconductivity in weakly coupled nanowire-superconductor hybrid structures. Physical Review B, 2022, 105, .	3.2	5
3	Distinguishing trivial and topological zero-energy states in long nanowire junctions. Physical Review B, 2021, 104, .	3.2	17
4	Disorder-robust $p$ -wave pairing with odd-frequency dependence in normal metal-conventional superconductor junctions. Physical Review B, 2021, 104, .	3.2	7
5	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
6	Confinement-induced zero-bias peaks in conventional superconductor hybrids. Physical Review B, 2021, 104, .	3.2	16
7	Programable two-qubit gates in capacitively coupled flopping-mode spin qubits. Physical Review B, 2020, 101, .	3.2	13
8	Bulk odd-frequency pairing in the superconducting Su-Schrieffer-Heeger model. Physical Review B, 2020, 101, .	3.2	6
9	Odd-frequency superconducting pairing in one-dimensional systems. European Physical Journal: Special Topics, 2020, 229, 545-575.	2.6	46
10	Suppression of odd-frequency pairing by phase disorder in a nanowire coupled to Majorana zero modes. Physical Review B, 2020, 101, .	3.2	9
11	The Role of Odd-Frequency Pairing in Multiband Superconductors. Annalen Der Physik, 2020, 532, 1900298.	2.4	34
12	Supercurrent Detection of Topologically Trivial Zero-Energy States in Nanowire Junctions. Physical Review Letters, 2019, 123, 117001.	7.8	81
13	Odd-frequency superconducting pairing in Kitaev-based junctions. Physical Review B, 2019, 100, .	3.2	13
14	Finite length effect on supercurrents between trivial and topological superconductors. European Physical Journal: Special Topics, 2018, 227, 1387-1396.	2.6	17
15	Andreev spectrum and supercurrents in nanowire-based SNS junctions containing Majorana bound states. Beilstein Journal of Nanotechnology, 2018, 9, 1339-1357.	2.8	46
16	Odd-frequency superconducting pairing in junctions with Rashba spin-orbit coupling. Physical Review B, 2018, 98, .	3.2	36
17	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
18	Majorana splitting from critical currents in Josephson junctions. Physical Review B, 2017, 96, .	3.2	76

#	ARTICLE	IF	CITATIONS
19	Zero-energy pinning from interactions in Majorana nanowires. Npj Quantum Materials, 2017, 2, .	5.2	52
20	Majorana bound states from exceptional points in non-topological superconductors. Scientific Reports, 2016, 6, 21427.	3.3	201
21	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
22	Multiple Andreev reflection and critical current in topological superconducting nanowire junctions. New Journal of Physics, 2013, 15, 075019.	2.9	81