

Fernando Dominguez

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

590
citations

687363

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1058476

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all docs

15
docs citations

15
times ranked

656
citing authors

#	ARTICLE	IF	CITATIONS
1	Testing topological protection of edge states in hexagonal quantum spin Hall candidate materials. Physical Review B, 2018, 98, .	3.2	32
2	Signatures of a $4i\pi$ -periodic supercurrent in the voltage response of capacitively shunted topological Josephson junctions. Physical Review B, 2017, 96, .	3.2	38
3	Noninteracting central site model: Localization and logarithmic entanglement growth. Physical Review B, 2017, 96, .	3.2	15
4	Josephson junction dynamics in the presence of 2π - and 4π -periodic supercurrents. Physical Review B, 2017, 95, .	3.2	57
5	Josephson Radiation from Gapless Andreev Bound States in HgTe-Based Topological Junctions. Physical Review X, 2017, 7, .	8.9	108
6	Zero-energy pinning from interactions in Majorana nanowires. Npj Quantum Materials, 2017, 2, .	5.2	52
7	Signatures of nonlocal Cooper-pair transport and of a singlet-triplet transition in the critical current of a double-quantum-dot Josephson junction. Physical Review B, 2016, 94, .	3.2	23
8	Reprint of : Quantum interference in a Cooper pair splitter: The three sites model. Physica E: Low-Dimensional Systems and Nanostructures, 2016, 82, 160-167.	2.7	0
9	Quantum interference in a Cooper pair splitter: The three sites model. Physica E: Low-Dimensional Systems and Nanostructures, 2016, 75, 322-329.	2.7	13
10	Magnetic Field Tuning and Quantum Interference in a Cooper Pair Splitter. Physical Review Letters, 2015, 115, 227003.	7.8	59
11	Dynamical detection of Majorana fermions in current-biased nanowires. Physical Review B, 2012, 86, .	3.2	124
12	Phonon-mediated decoherence in triple quantum dot interferometers. Physical Review B, 2011, 83, .	3.2	20
13	Electron bunching in triple quantum dot interferometers. Chemical Physics, 2010, 375, 284-290.	1.9	14
14	Hyperfine mediated triplet-singlet transition probability in a double-quantum-dot system: Analogy with the double-slit experiment. Physical Review B, 2009, 80, .	3.2	6
15	Solving the Richardson equations close to the critical points. Journal of Physics A, 2006, 39, 11349-11360.	1.6	29