

# Fernando Dominguez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7046744/publications.pdf>

Version: 2024-02-01

15  
papers

590  
citations

687363

13  
h-index

1058476

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

656  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamical detection of Majorana fermions in current-biased nanowires. <i>Physical Review B</i> , 2012, 86, .	3.2	124
2	Josephson Radiation from Gapless Andreev Bound States in HgTe-Based Topological Junctions. <i>Physical Review X</i> , 2017, 7, .	8.9	108
3	Magnetic Field Tuning and Quantum Interference in a Cooper Pair Splitter. <i>Physical Review Letters</i> , 2015, 115, 227003.	7.8	59
4	Josephson junction dynamics in the presence of $2\pi\Phi_0$ - and $4\pi\Phi_0$ -periodic supercurrents. <i>Physical Review B</i> , 2017, 95, .	3.2	57
5	Zero-energy pinning from interactions in Majorana nanowires. <i>Npj Quantum Materials</i> , 2017, 2, .	5.2	52
6	Signatures of a $4\pi\Phi_0$ -periodic supercurrent in the voltage response of capacitively shunted topological Josephson junctions. <i>Physical Review B</i> , 2017, 96, .	3.2	38
7	Testing topological protection of edge states in hexagonal quantum spin Hall candidate materials. <i>Physical Review B</i> , 2018, 98, .	3.2	32
8	Solving the Richardson equations close to the critical points. <i>Journal of Physics A</i> , 2006, 39, 11349-11360.	1.6	29
9	Signatures of nonlocal Cooper-pair transport and of a singlet-triplet transition in the critical current of a double-quantum-dot Josephson junction. <i>Physical Review B</i> , 2016, 94, .	3.2	23
10	Phonon-mediated decoherence in triple quantum dot interferometers. <i>Physical Review B</i> , 2011, 83, .	3.2	20
11	Noninteracting central site model: Localization and logarithmic entanglement growth. <i>Physical Review B</i> , 2017, 96, .	3.2	15
12	Electron bunching in triple quantum dot interferometers. <i>Chemical Physics</i> , 2010, 375, 284-290.	1.9	14
13	Quantum interference in a Cooper pair splitter: The three sites model. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2016, 75, 322-329.	2.7	13
14	Hyperfine mediated triplet-singlet transition probability in a double-quantum-dot system: Analogy with the double-slit experiment. <i>Physical Review B</i> , 2009, 80, .	3.2	6
15	Reprint of : Quantum interference in a Cooper pair splitter: The three sites model. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2016, 82, 160-167.	2.7	0