

Eduardo Novais

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.

19
papers

321
citations

10
h-index

17
g-index

19
ext. papers

364
ext. citations

4.5
avg, IF

3.15
L-index

#	Paper	IF	Citations
19	Conductance of a dissipative quantum dot: Nonequilibrium crossover near a non-Fermi-liquid quantum critical point. <i>Physical Review B</i> , 2021 , 104,	3.3	1
18	Rescuing a Quantum Phase Transition with Quantum Noise. <i>Physical Review Letters</i> , 2017 , 118, 050402	7.4	4
17	Surface code fidelity at finite temperatures. <i>Physical Review A</i> , 2017 , 95,	2.6	3
16	Long-time efficacy of the surface code in the presence of a super-Ohmic environment. <i>Physical Review A</i> , 2017 , 95,	2.6	1
15	Fidelity threshold of the surface code beyond single-qubit error models. <i>Physical Review A</i> , 2014 , 90,	2.6	13
14	Flux rectification in the quantum XXZ chain. <i>Physical Review E</i> , 2014 , 90, 042142	2.4	67
13	Fidelity of the surface code in the presence of a bosonic bath. <i>Physical Review A</i> , 2013 , 88,	2.6	10
12	Surface code threshold in the presence of correlated errors. <i>Physical Review Letters</i> , 2013 , 110, 010502	7.4	25
11	Bound on quantum computation time: Quantum error correction in a critical environment. <i>Physical Review A</i> , 2010 , 82,	2.6	5
10	Hamiltonian formulation of quantum error correction and correlated noise: Effects of syndrome extraction in the long-time limit. <i>Physical Review A</i> , 2008 , 78,	2.6	15
9	Resilient quantum computation in correlated environments: a quantum phase transition perspective. <i>Physical Review Letters</i> , 2007 , 98, 040501	7.4	18
8	Decoherence by correlated noise and quantum error correction. <i>Physical Review Letters</i> , 2006 , 97, 040501	7.4	25
7	Fixed points of the dissipative Hofstadter model. <i>Physical Review Letters</i> , 2005 , 94, 170401	7.4	4
6	Frustration of decoherence in open quantum systems. <i>Physical Review B</i> , 2005 , 72,	3.3	36
5	Nuclear spin qubits in a pseudospin quantum chain. <i>Physical Review A</i> , 2004 , 69,	2.6	8
4	Quantum magnetic impurities in magnetically ordered systems. <i>Physical Review Letters</i> , 2003 , 91, 096401	7.4	38
3	Phase diagram of the anisotropic Kondo chain. <i>Physical Review Letters</i> , 2002 , 88, 217201	7.4	8

- 2 Small Fermi surface in the one-dimensional Kondo lattice model. *Physical Review B*, **2002**, 65, 33 21
- 1 Coulomb gas approach to the anisotropic one-dimensional Kondo lattice model at arbitrary filling. *Physical Review B*, **2002**, 66, 33 19