

# Adriano Amaricci

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7534039/publications.pdf>

Version: 2024-02-01

33  
papers

783  
citations

516710

16  
h-index

501196

28  
g-index

33  
all docs

33  
docs citations

33  
times ranked

904  
citing authors

#	ARTICLE	IF	CITATIONS
1	First-Order Character and Observable Signatures of Topological Quantum Phase Transitions. Physical Review Letters, 2015, 114, 185701.	7.8	86
2	Emergent $D_{6h}$ symmetry in fully relaxed magic-angle twisted bilayer graphene. Physical Review B, 2018, 98, .	3.2	46
3	Witnessing the formation and relaxation of dressed quasi-particles in a strongly correlated electron system. Nature Communications, 2014, 5, 5112.	12.8	58
4	Approach to a stationary state in a driven Hubbard model coupled to a thermostat. Physical Review B, 2012, 86, .	3.2	56
5	Field-Driven Mott Gap Collapse and Resistive Switch in Correlated Insulators. Physical Review Letters, 2016, 117, 176401.	7.8	48
6	Extended Hubbard model: Charge ordering and Wigner-Mott transition. Physical Review B, 2010, 82, .	3.2	46
7	Unraveling the Mott-Peierls intrigue in vanadium dioxide. Physical Review Research, 2020, 2, .	3.6	40
8	Strong correlation effects on topological quantum phase transitions in three dimensions. Physical Review B, 2016, 93, .	3.2	38
9	Quantum Interference Assisted Spin Filtering in Graphene Nanoflakes. Nano Letters, 2018, 18, 2158-2164.	9.1	38
10	Edge state reconstruction from strong correlations in quantum spin Hall insulators. Physical Review B, 2017, 95, .	3.2	31
11	Electronic transport and dynamics in correlated heterostructures. Physical Review B, 2015, 91, .	3.2	25
12	Metal-Insulator Transitions in the Periodic Anderson Model. Physical Review Letters, 2007, 99, 196403.	7.8	24
13	Augmented hybrid exact-diagonalization solver for dynamical mean field theory. Physical Review B, 2012, 86, .	3.2	23
14	Effective magnetic correlations in hole-doped graphene nanoflakes. Physical Review B, 2016, 94, .	3.2	23
15	Doping-driven metal-insulator transitions and charge orderings in the extended Hubbard model. Physical Review B, 2017, 95, .	3.2	23
16	Interplay between destructive quantum interference and symmetry-breaking phenomena in graphene quantum junctions. Physical Review B, 2019, 100, .	3.2	20
17	EDIPack: A parallel exact diagonalization package for quantum impurity problems. Computer Physics Communications, 2022, 273, 108261.	7.5	17
18	Inhomogeneous BCS-BEC crossover for trapped cold atoms in optical lattices. Physical Review A, 2014, 89, .	2.5	16

#	ARTICLE	IF	CITATIONS
19	Coexistence of metallic edge states and antiferromagnetic ordering in correlated topological insulators. <i>Physical Review B</i> , 2018, 98, .	3.2	15
20	Non-Fermi-Liquid Behavior in the Periodic Anderson Model. <i>Physical Review Letters</i> , 2008, 101, 146403.	7.8	13
21	Nonlocal annihilation of Weyl fermions in correlated systems. <i>Physical Review Research</i> , 2020, 2, .	3.6	12
22	Photoinduced renormalization and electronic screening of quasi-two-dimensional Dirac states in $\text{BaNiS}_2$ . <i>Physical Review Research</i> , 2020, 2, .	3.6	11
23	Asymmetry between the electron- and hole-doped Mott transition in the periodic Anderson model. <i>Physical Review B</i> , 2009, 80, .	3.2	9
24	Path to poor coherence in the periodic Anderson model from Mott physics and hybridization. <i>Physical Review B</i> , 2012, 85, .	3.2	9
25	Mott transitions with partially filled correlated orbitals. <i>Europhysics Letters</i> , 2017, 118, 17004.	2.0	7
26	Moving Dirac nodes by chemical substitution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	7
27	Dynamical mean-field theory description of the voltage-induced transition in a nonequilibrium superconductor. <i>Physical Review B</i> , 2016, 93, .	3.2	4
28	Inducing and controlling magnetism in the honeycomb lattice through a harmonic trapping potential. <i>Physical Review A</i> , 2020, 101, .	2.5	4
29	Local versus nonlocal correlation effects in interacting quantum spin Hall insulators. <i>Physical Review B</i> , 2021, 104, .	3.2	4
30	Analyticity of the Sinai-Ruelle-Bowen measure for a class of simple Anosov flows. <i>Journal of Mathematical Physics</i> , 2007, 48, 072701.	1.1	3
31	Correlation-driven Lifshitz transition and orbital order in a two-band Hubbard model. <i>Physical Review B</i> , 2018, 98, .	3.2	3
32	Misuse of the minimal coupling to the electromagnetic field in quantum many-body systems. <i>Physical Review B</i> , 2020, 101, .	3.2	3
33	Interface and bulk superconductivity in superconducting heterostructures with enhanced critical temperatures. <i>Physical Review B</i> , 2021, 103, .	3.2	3