

Camille Aron

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

661
citations

567281

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h-index

642732

23
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all docs

24
docs citations

24
times ranked

680
citing authors

#	ARTICLE	IF	CITATIONS
1	Symmetries of generating functionals of Langevin processes with colored multiplicative noise. Journal of Statistical Mechanics: Theory and Experiment, 2010, 2010, P11018.	2.3	95
2	Stabilizing Entanglement via Symmetry-Selective Bath Engineering in Superconducting Qubits. Physical Review Letters, 2016, 116, 240503.	7.8	85
3	Steady-state entanglement of spatially separated qubits via quantum bath engineering. Physical Review A, 2014, 90, .	2.5	56
4	Dimensional Crossover Driven by an Electric Field. Physical Review Letters, 2012, 108, 086401.	7.8	52
5	Electric-Field-Driven Resistive Switching in the Dissipative Hubbard Model. Physical Review Letters, 2015, 114, 226403.	7.8	52
6	Magnetization dynamics: path-integral formalism for the stochastic Landau-Lifshitz-Gilbert equation. Journal of Statistical Mechanics: Theory and Experiment, 2014, 2014, P09008.	2.3	40
7	Photon-Mediated Interactions: A Scalable Tool to Create and Sustain Entangled States of N Atoms. Physical Review X, 2016, 6, .	8.9	36
8	Scaling and super-universality in the coarsening dynamics of the 3D random field Ising model. Journal of Statistical Mechanics: Theory and Experiment, 2008, 2008, P05016.	2.3	35
9	Analytic theory of Hund's metals: A renormalization group perspective. Physical Review B, 2015, 91, .	3.2	34
10	Dielectric breakdown of a Mott insulator. Physical Review B, 2012, 86, .	3.2	26
11	Dynamical symmetries of Markov processes with multiplicative white noise. Journal of Statistical Mechanics: Theory and Experiment, 2016, 2016, 053207.	2.3	21
12	Microscopic Theory of Resistive Switching in Ordered Insulators: Electronic versus Thermal Mechanisms. Nano Letters, 2017, 17, 2994-2998.	9.1	21
13	(Non) equilibrium dynamics: a (broken) symmetry of the Keldysh generating functional. SciPost Physics, 2018, 4, .	4.9	20
14	Photoinduced superconductivity in semiconductors. Physical Review B, 2015, 91, .	3.2	19
15	Nonequilibrium mean-field theory of resistive phase transitions. Physical Review B, 2018, 98, .	3.2	19
16	Impurity model for non-equilibrium steady states. Physical Review B, 2013, 87, .	3.2	11
17	Driven Quantum Coarsening. Physical Review Letters, 2009, 102, 050404.	7.8	10
18	Purification and switching protocols for dissipatively stabilized entangled qubit states. Physical Review A, 2016, 93, .	2.5	9

#	ARTICLE	IF	CITATIONS
19	Landau theory for non-equilibrium steady states. SciPost Physics, 2020, 8, .	4.9	8
20	Band-edge superconductivity. Physical Review B, 2015, 92, .	3.2	7
21	Coarsening of disordered quantum rotors under a bias voltage. Physical Review B, 2010, 82, .	3.2	2
22	Permanent spin currents in cavity-qubit systems. Physical Review B, 2018, 97, .	3.2	2
23	Publisher's Note: Analytic theory of Hund's metals: A renormalization group perspective [Phys. Rev. B, 91, 041110(R) (2015)]. Physical Review B, 2015, 91, .	3.2	1
24	Filament Dynamics in Resistive Switching. Journal of Physics: Conference Series, 2018, 1041, 012012.	0.4	0