

# Anne-Marie DarÃ©

## List of Publications by Year in descending order

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all docs

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docs citations

29  
times ranked

661  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pseudogap and Spin Fluctuations in the Normal State of the Electron-Doped Cuprates. Physical Review Letters, 2004, 93, 147004.	7.8	105
2	Interaction-induced adiabatic cooling for antiferromagnetism in optical lattices. Physical Review B, 2007, 76, .	3.2	47
3	Crystal-field theory of Co <sup>2+</sup> in doped ZnO. Physical Review B, 2006, 74, .	3.2	39
4	Kondo physics and orbital degeneracy interact to boost thermoelectrics on the nanoscale. Physical Review B, 2012, 86, .	3.2	39
5	Magnetic and pair correlations of the Hubbard model with next-nearest-neighbor hopping. Physical Review B, 1995, 52, 16255-16263.	3.2	36
6	Powerful Coulomb-drag thermoelectric engine. Physical Review B, 2017, 96, .	3.2	33
7	Conditions for requiring nonlinear thermoelectric transport theory in nanodevices. Physical Review B, 2014, 90, .	3.2	30
8	Crossover from two- to three-dimensional critical behavior for nearly antiferromagnetic itinerant electrons. Physical Review B, 1996, 53, 14236-14251.	3.2	28
9	Time-dependent thermoelectric transport for nanoscale thermal machines. Physical Review B, 2016, 93, .	3.2	28
10	Magnetic interactions in disordered perovskite PbFe <sub>1-x</sub> Nb <sub>x</sub> O <sub>3</sub> . Physical Review B, 2017, 95, 040401.	3.2	27
11	Mechanisms of magnetoelectricity in manganese-doped incipient ferroelectrics. Europhysics Letters, 2010, 92, 17007.	2.0	19
12	Comparative study of heat-driven and power-driven refrigerators with Coulomb-coupled quantum dots. Physical Review B, 2019, 100, .	3.2	19
13	Orbital and spin exchange in LiNiO <sub>2</sub> . Europhysics Letters, 2003, 61, 803-809.	2.0	17
14	Magnetic properties of the three-dimensional Hubbard model at half filling. Physical Review B, 2000, 61, 4567-4575.	3.2	13
15	Strong- and weak-coupling mechanisms for pseudogap in electron-doped cuprates. Journal of Physics and Chemistry of Solids, 2006, 67, 189-192.	4.0	12
16	Exchange integrals in Mn- and Co-doped II-VI semiconductors. Physical Review B, 2014, 90, .	3.2	12
17	A new approach to time-dependent transport through an interacting quantum dot within the Keldysh formalism. Journal of Physics Condensed Matter, 2014, 26, 015306.	1.8	11
18	Effect of Hund's exchange on the spectral function of a triply orbital degenerate correlated metal. Physical Review B, 2005, 72, .	3.2	10

#	ARTICLE	IF	CITATIONS
19	Comparisons between Monte Carlo simulations and a simple crossing-symmetric approach to the Hubbard model at low density. <i>Physical Review B</i> , 1994, 49, 4106-4118.	3.2	9
20	Spatial anisotropy of the exchange integrals in Mn-doped wurtzite-type semiconductors. <i>Physical Review B</i> , 2011, 84, .	3.2	4
21	Electron delocalization and transfer induced by a time-dependent potential: exact treatment of a simple model - transfer. <i>Chemical Physics</i> , 1993, 170, 23-31.	1.9	3
22	Electron delocalization and transfer induced by a time-dependent potential: Exact treatment of a simple model – formalism. <i>Physical Review A</i> , 1991, 43, 35-43.	2.5	1
23	Electron delocalization and transfer induced by a time-dependent potential: Exact treatment of a simple model – delocalization. <i>Canadian Journal of Physics</i> , 1992, 70, 78-85.	1.1	1
24	Hybridization and magnetic anisotropy of S-state ions in wurtzite DMS. <i>Physica Status Solidi (B): Basic Research</i> , 2010, 247, 1691-1694.	1.5	1
25	Magneto-electric couplings in $\text{Sr}_{1-x}\text{Mn}_x\text{Ti}_1-y\text{Mn}_y\text{O}_3$ . <i>IOP Conference Series: Materials Science and Engineering</i> , 2010, 15, 012047.	0.6	1
26	Hund and pair-hopping signatures in transport properties of degenerate nanoscale devices. <i>European Physical Journal B</i> , 2013, 86, 1.	1.5	1
27	Correlation functions of the Hubbard model at low density in a crossing-symmetric approximation: comparisons with Monte Carlo simulations. <i>Physica B: Condensed Matter</i> , 1994, 194-196, 1413-1414.	2.7	0
28	Dispersion relations in doped $\text{CuO}_2$ planes. <i>Physical Review B</i> , 1997, 55, 14614-14622.	3.2	0
29	Magnetolectric Interactions in Mn- and Co-Doped Incipient Ferroelectrics from Density Functional Calculations. <i>Ferroelectrics</i> , 2012, 427, 70-77.	0.6	0