

Van-Nham Phan

List of Publications by Year in descending order

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27
papers

279
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1039406

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docs citations

27
times ranked

137
citing authors

#	ARTICLE	IF	CITATIONS
1	Spectral signatures of the BCS-BEC crossover in the excitonic insulator phase of the extended Falicov-Kimball model. <i>Physical Review B</i> , 2010, 81, .	1.1	71
2	Excitonic resonances in the 2D extended Falicov-Kimball model. <i>Europhysics Letters</i> , 2011, 95, 17006.	0.7	30
3	Exciton condensation due to electron-phonon interaction. <i>Physical Review B</i> , 2013, 88, .	1.1	24
4	Coulomb interaction effects in graphene bilayers: electron-hole pairing and plasmaron formation. <i>New Journal of Physics</i> , 2012, 14, 075007.	1.2	21
5	Doping change and distortion effect on double-exchange ferromagnetism. <i>Physical Review B</i> , 2005, 72, .	1.1	16
6	TRANSPORT PROPERTIES IN A SIMPLIFIED DOUBLE-EXCHANGE MODEL. <i>Modern Physics Letters B</i> , 2003, 17, 39-47.	1.0	13
7	Ground-state and spectral signatures of cavity exciton-polariton condensates. <i>Physical Review B</i> , 2016, 93, .	1.1	12
8	Projector-based renormalization approach to electron-hole-photon systems in their nonequilibrium steady state. <i>Physical Review B</i> , 2019, 99, .	1.1	12
9	Extended periodic Anderson model close to a valence transition: A projector-based renormalization approach. <i>Physical Review B</i> , 2010, 82, .	1.1	9
10	Spin dynamics in paramagnetic diluted magnetic semiconductors. <i>Physical Review B</i> , 2015, 92, .	1.1	8
11	Temperature effects in excitonic condensation driven by the lattice distortion. <i>Physica Status Solidi (B): Basic Research</i> , 2016, 253, 1210-1216.	0.7	7
12	Phonon effects in the excitonic condensation induced in the extended Falicov-Kimball model. <i>Europhysics Letters</i> , 2017, 119, 47003.	0.7	7
13	Ferromagnetic transition and spin fluctuations in diluted magnetic semiconductors. <i>Physical Review B</i> , 2019, 99, .	1.1	7
14	Metal-insulator transition induced by mass imbalance in a three-component Hubbard model. <i>Physical Review B</i> , 2015, 91, .	1.1	6
15	Thermal Fluctuations in the Phase Structure of the Excitonic Insulator Charge Density Wave State in the Extended Falicov-Kimball Model. <i>Journal of Electronic Materials</i> , 2019, 48, 2677-2684.	1.0	6
16	Magnetic features near filled impurity band in diluted magnetic semiconductors. <i>Physical Review B</i> , 2020, 102, .	1.1	6
17	Metallic ferromagnetism-insulating charge order transition in doped manganites. <i>Physical Review B</i> , 2016, 93, .	1.1	5
18	Ferromagnetic clusters induced by a nonmagnetic random disorder in diluted magnetic semiconductors. <i>Annals of Physics</i> , 2016, 375, 313-321.	1.0	4

#	ARTICLE	IF	CITATIONS
19	Superconductivity in Ce-based heavy-fermion systems under high pressure. <i>Physical Review B</i> , 2020, 101, .	1.1	3
20	Excitonic condensation state in the assistance of the adiabatic and anti-adiabatic phonons. <i>Journal of Physics Condensed Matter</i> , 2022, 34, 165602.	0.7	3
21	Phase diagram of microcavity exciton-polariton condensates. <i>Europhysics Letters</i> , 2016, 116, 57004.	0.7	2
22	Mass Imbalance Effects in the Excitonic Condensation of the Extended Falicovâ€“Kimball Model. <i>Physica Status Solidi (B): Basic Research</i> , 2021, 258, 2000564.	0.7	2
23	Low-energy excitonic condensate excitations in semimetal and semiconducting materials. <i>Physical Review B</i> , 2022, 106, .	1.1	2
24	Linear response within the projector-based renormalization method: many-body corrections beyond the random phase approximation. <i>European Physical Journal B</i> , 2014, 87, 1.	0.6	1
25	Thermal fluctuations in a system of microcavity excitonâ€“polariton condensations. <i>Physica Status Solidi (B): Basic Research</i> , 2017, 254, 1600359.	0.7	1
26	Signatures of optical conductivity in double-layer graphene excitonic condensate. <i>Physical Review B</i> , 2021, 103, .	1.1	1
27	BCS-BEC crossovers of microcavity exciton-polariton condensates. <i>Physica B: Condensed Matter</i> , 2019, 573, 72-76.	1.3	0