Yuri Panov

List of Publications by Year
in descending order

60 papers	235 citations	1307594 7 h-index	1199594 12 g-index
66 all docs	66 docs citations	66 times ranked	129 citing authors

#	Article	IF	Citations
1	Critical Properties of a 2-D Frustrated Magnet With Non-Magnetic Impurities. IEEE Transactions on Magnetics, 2022, 58, 1-4.	2.1	0
2	Thermodynamic features of the 1D dilute Ising model in the external magnetic field. Journal of Magnetism and Magnetic Materials, 2022, 546, 168804.	2.3	5
3	Model of charge triplets for high-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e466" altimg="si9.svg"><mml:msub><mml:mrow><mml:mi>T</mml:mi></mml:mrow><mml:mrow><mml:mi>c</mml:mi></mml:mrow></m cuprates. Journal of Magnetism and Magnetic Materials, 2022, 550, 169004.	2.3	1
4	Phase separation in high-T_ccuprates. Journal of Physics: Conference Series, 2022, 2164, 012014.	0.4	1
5	Unconventional low-temperature features in the one-dimensional frustrated <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>q</mml:mi></mml:math> -state Potts model. Physical Review E, 2021, 103, 062107.	2.1	6
6	Effective-Field Theory for Model High-Tc Cuprates. Condensed Matter, 2021, 6, 24.	1.8	5
7	Monte Carlo simulation of a model cuprate. Journal of Physics: Conference Series, 2021, 2043, 012007.	0.4	0
8	Phase Diagram of Semi-Hard-Core Bosons on a Square Lattice. Physics of the Solid State, 2021, 63, 1426-1431.	0.6	0
9	Nontrivial Ground State Degeneracy of the Spinâ€“Pseudospin Model of a Two-Dimensional Magnet Near the Frustration Point. Physics of the Solid State, 2021, 63, 1588-1592.	0.6	0
10	Nature of the Pseudogap Phase of HTSC Cuprates. Physics of the Solid State, 2020, 62, 1554-1561.	0.6	5
11	Local distributions of the 1D dilute Ising model. Journal of Magnetism and Magnetic Materials, 2020, 514, 167224.	2.3	5
12	Magnetocaloric Effect in Two-Dimensional Diluted Ising Model: Appearance of Frustrations in the Ground State. Physics of the Solid State, 2020, 62, 1719-1724.	0.6	2
13	Critical Behavior of a 2D Spin-Pseudospin Model in a Strong Exchange Limit. Acta Physica Polonica A, 2020, 137, 979-981.	0.5	3
14	Specific Features of Phase States of a Diluted 2D Magnet with Frustration. Physics of the Solid State, 2020, 62, 1713-1718.	0.6	3
15	Electronâ€“Hole Dimers in the Parent Phase of Quasiâ€“2D Cuprates. Physics of the Solid State, 2019, 61, 1553-1558.	0.6	5
16	Bethe Approximation for a Two-Dimensional Spin-Pseudospin System. Physics of the Solid State, 2019, 61, 1627-1633.	0.6	3
17	Phase diagrams of a 2D Ising spin-pseudospin model. Journal of Magnetism and Magnetic Materials, 2019, 477, 162-166.	2.3	7
18	Competition between the Spin and Pseudospin Subsystems in a Model Cuprate. Physics of the Solid State, 2019, 61, 707-713.	0.6	3

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19	Superconductivity in Model Cuprate as an $$S = 1$$ S = 1 Pseudomagnon Condensation. Journal of Low Temperature Physics, 2019, 196, 226-233.	1.4	1
20	Critical Temperatures of a Model Cuprate. Physics of Metals and Metallography, 2019, 120, 1276-1281.	1.0	6
21	Magnetocaloric effect in the 2D dilute Ising system. Journal of Physics: Conference Series, 2019, 1389, 012088.	0.4	1
22	Topological Structures in Unconventional Scenario for 2D Cuprates. Journal of Superconductivity and Novel Magnetism, 2019, 32, 61-84.	1.8	8
23	Phase Diagrams of a 2D Dilute Antiferromagnetic Ising Model with Charged Impurities. Journal of Superconductivity and Novel Magnetism, 2019, 32, 1831-1835.	1.8	3
24	Asymptotics of quasi-classical localized states in 2D system of charged hard-core bosons. Physica C: Superconductivity and Its Applications, 2018, 548, 82-85.	1.2	0
25	Topological Structures in a Model Cuprate. Journal of Superconductivity and Novel Magnetism, 2018, 31, 677-682.	1.8	4
26	The MFA ground states for the extended Bose-Hubbard model with a three-body constraint. Physica B: Condensed Matter, 2018, 536, 464-468.	2.7	3
27	Influence of Local Correlations on the â€œHomogeneous Insulatorâ€"Superconductorâ€• Transition in the Domain Boundaries of the Charge-Order Phase of a 2D System of a Mixed Valence. Physics of the Solid State, 2018, 60, 2132-2134.	0.6	0
28	Unconventional phase separation in the model 2D spin-pseudospin system. EPJ Web of Conferences, 2018, 185, 11006.	0.3	1
29	Quasi-classical localized states in the 2D ferrimagnet. EPJ Web of Conferences, 2018, 185, 11012.	0.3	0
30	Unconventional phase transitions in strongly anisotropic 2D (pseudo)spin systems. EPJ Web of Conferences, 2018, 185, 08006.	0.3	0
31	Condensation of Pseudomagnons in a Two-Dimensional Anisotropic S = 1 Pseudospin System. Physics of the Solid State, 2018, 60, 2145-2149.	0.6	1
32	Strongly Anisotropic S=1 (Pseudo) Spin Systems: from Mean Field to Quantum Monte-Carlo. Acta Physica Polonica A, 2018, 133, 426-428.	0.5	3
33	Phase Separation in the Ground State of the Model 2D Spin-Pseudospin System. Acta Physica Polonica A, 2018, 133, 432-434.	0.5	2
34	Unconventional spin-charge phase separation in a model 2D cuprate. JETP Letters, 2017, 106, 440-445.	1.4	8
35	The Ground-State Phase Diagram of 2D Spinâ€"Pseudospin System. Journal of Low Temperature Physics, 2017, 187, 646-653.	1.4	12
36	Charge orderâ€"superfluidity transition in a two-dimensional system of hard-core bosons and emerging domain structures. Physics of the Solid State, 2017, 59, 2127-2132.	0.6	0

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37	Charge Order-to-Superfluid Transition for 2D Hard-Core Bosons and Emergent Domain Structures. Journal of Superconductivity and Novel Magnetism, 2017, 30, 43-48.	1.8	6
38	Unusual Finite-Temperature Phase Diagram for Semi-hard-core Bosons in Two Dimensions. Journal of Low Temperature Physics, 2016, 185, 680-685.	1.4	0
39	Competition of Spin and Charge Orders in a Model Cuprate. Journal of Low Temperature Physics, 2016, 185, 409-416.	1.4	10
40	Unusual Domain Structure and Filamentary Superfluidity for 2D Hard-Core Bosons in Insulating Charge-Ordered Phase. Journal of Low Temperature Physics, 2016, 185, 488-494.	1.4	1
41	Competition of Spin and Charge Orders in a Model Cuprate. Journal of Superconductivity and Novel Magnetism, 2016, 29, 1077-1083.	1.8	12
42	Competition of Spin and Charge Orders in a Model Cuprate. Physics Procedia, 2015, 75, 332-339.	1.2	0
43	Nonstoichiometry Effect on Magnetoelectric Coupling in Cuprate Multiferroics. Ferroelectrics, 2013, 442, 27-41.	0.6	5
44	Electronic structure of hole centers in CuO2 planes of cuprates. Low Temperature Physics, 2011, 37, 261-267.	0.6	6
45	Nonrelativistic multiferrocity in the nonstoichiometric spin-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mstyle scriptlevel="1"><mml:mfrac bevelled="false"><mml:mn>1</mml:mn><mml:mn>2</mml:mn></mml:mfrac></mml:mstyle></mml:mrow></mml:math>spiral-chain cuprate<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>LiCu</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:m	3.2	30
46	Anisotropic low-temperature in-plane magnetoresistance in electron doped Nd2â^'x Ce x CuO4+Î´. JETP Letters, 2005, 81, 394-399.	1.4	7
47	Static and dynamic charge inhomogeneity and crystal-field fluctuations for 4f ions in high-T c cuprates. Journal of Experimental and Theoretical Physics, 2004, 99, 1108-1116.	0.9	1
48	Generalization of the shell model and correlation effects in strongly correlated oxides. Physical Review B, 2003, 68, .	3.2	6
49	Origin of magnetoresistance anomalies in antiferromagnetic YBa2Cu3O6+x. Solid State Communications, 2002, 122, 253-258.	1.9	7
50	Phase separation and manifestation of nanoscopic nonuniformities in the optical spectra of manganites. Physics of the Solid State, 2002, 44, 1519-1521.	0.6	6
51	Nanoscale inhomogeneities and optical properties of doped cuprates. Physics of the Solid State, 2002, 44, 1522-1525.	0.6	0
52	The nature of anomalies in the magnetoresistance of antiferromagnetic YBa2Cu3O6+x. Physics of the Solid State, 2002, 44, 1907-1915.	0.6	0
53	Nanoscale inhomogeneities and optical properties of doped cuprates. Journal of Luminescence, 2001, 94-95, 163-167.	3.1	3
54	The isotope effect and phase separation in (La0.5Pr0.5)0.7Ca0.3MnO3 films: Optical data. Journal of Experimental and Theoretical Physics, 2001, 92, 462-473.	0.9	7

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55	Electron-electron correlations in the model of mobile electron shells. Physics of the Solid State, 2000, 42, 846-856.	0.6	2
56	The singlet-triplet pseudo-Jahnâ€“Teller centers in copper oxides. Journal of Physics and Chemistry of Solids, 1999, 60, 607-623.	4.0	7
57	Singlet-triplet pseudo Jahn-Teller centers in copper oxides. Physics of the Solid State, 1998, 40, 1627-1635.	0.6	0
58	Nonequilibrium spin states and tunnel paramagnetic centers in copper oxide CuO. Physics of the Solid State, 1997, 39, 412-418.	0.6	0
59	Polar Jahn-Teller centers and the anomalous isotope effect in copper-oxygen high-T c superconductors. Journal of Experimental and Theoretical Physics, 1997, 84, 354-359.	0.9	12
60	Polar Jahn-Teller Centers and isotope effect in copper oxide high-Tc-superconductors. Physica C: Superconductivity and Its Applications, 1997, 282-287, 1813-1814.	1.2	0