Elbio Dagotto

List of Publications by Year
in descending order

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		53751	17090
172	15,336	45	122
papers	citations	h-index	g-index

173	173	173	9137
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Colossal magnetoresistant materials: the key role of phase separation. Physics Reports, 2001, 344, 1-153.	10.3	3,346
2	Correlated electrons in high-temperature superconductors. Reviews of Modern Physics, 1994, 66, 763-840.	16.4	2,716
3	Surprises on the Way from One- to Two-Dimensional Quantum Magnets: The Ladder Materials. Science, 1996, 271, 618-623.	6.0	1,506
4	Superconductivity in ladders and coupled planes. Physical Review B, 1992, 45, 5744-5747.	1.1	693
5	Phase Separation in Electronic Models for Manganites. Physical Review Letters, 1998, 80, 845-848.	2.9	486
6	Magnetism and its microscopic origin in iron-based high-temperature superconductors. Nature Physics, 2012, 8, 709-718.	6.5	481
7	Experiments on ladders reveal a complex interplay between a spin-gapped normal state and superconductivity. Reports on Progress in Physics, 1999, 62, 1525-1571.	8.1	372
8	Colloquium: The unexpected properties of alkali metal iron selenide superconductors. Reviews of Modern Physics, 2013, 85, 849-867.	16.4	291
9	Resistivity of Mixed-Phase Manganites. Physical Review Letters, 2001, 86, 135-138.	2.9	241
10	Three orbital model for the iron-based superconductors. Physical Review B, 2010, 81, .	1.1	177
11	Real-time simulations of nonequilibrium transport in the single-impurity Anderson model. Physical Review B, 2009, 79, .	1.1	157
12	When Oxides Meet Face to Face. Science, 2007, 318, 1076-1077.	6.0	144
13	Multiferroic properties of CaMn<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>7</mml:mn></mml:msub></mml:math>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>12</mml:mn></mml:msub></mml:math>. Physical Review B, 2011, 84, .	1.1	142
14	Magnetoelectricity in multiferroics: a theoretical perspective. National Science Review, 2019, 6, 629-641.	4.6	129
15	Ferromagnetic tendency at the surface of CE-type charge-ordered manganites. Physical Review B, 2008, 78, .	1.1	121
16	Properties of a two-orbital model for oxypnictide superconductors: Magnetic order,B2gspin-singlet pairing channel, and its nodal structure. Physical Review B, 2009, 79, .	1.1	111
17	Origin of multiferroic spiral spin order in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>R</mml:mi><mml:msub><mml:mrow><mml:mtext>MnO</mml:mtext></mml:mrow><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>perovskite manganites. Physical Review B, 2008, 78, .	1.1	106
18	Theoretical study of half-doped models for manganites: Fragility of CE phase with disorder, two types of colossal magnetoresistance, and charge-ordered states for electron-doped materials. Physical Review B, 2003, 68, .	1.1	105

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19	Local Enhancement of Antiferromagnetic Correlations by Nonmagnetic Impurities. Physical Review Letters, 1997, 78, 3563-3566.	2.9	101
20	Phase Diagram of Electronic Models for Transition Metal Oxides in One Dimension. Physical Review Letters, 1997, 79, 713-716.	2.9	89
21	Areas of superconductivity and giant proximity effects in underdoped cuprates. Physical Review B, 2005, 71, .	1.1	87
22	Strain Doping: Reversible Single-Axis Control of a Complex Oxide Lattice via Helium Implantation. Physical Review Letters, 2015, 114, 256801.	2.9	84
23	Magnetism, conductivity, and orbital order in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"		

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37	...c states of the two-leg-ladder alkali metal iron selenides<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>A</mml:mi></mml:math>Fe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>Se<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow />	1.1	58
38	Exotic Magnetic Order in the Orbital-Selective Mott Regime of Multiorbital Systems. Physical Review Letters, 2014, 112, 106405.	2.9	58
39	Orbital-weight redistribution triggered by spin order in the pnictides. Physical Review B, 2010, 81, .	1.1	55
40	Frustrated Dipole Order Induces Noncollinear Proper Ferrielectricity in Two Dimensions. Physical Review Letters, 2019, 123, 067601.	2.9	52
41	Ground-state reference systems for expanding correlated fermions in one dimension. Physical Review A, 2008, 78, .	1.0	51
42	Microscopic model for the ferroelectric field effect in oxide heterostructures. Physical Review B, 2011, 84, .	1.1	51
43	Quantum confinement induced magnetism in LaNiO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>-LaMnO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>superlattices. Physical Review B, 2013, 87, .	1.1	50
44	Full control of magnetism in a manganite bilayer by ferroelectric polarization. Physical Review B, 2013, 88, .	1.1	46
45	Sequential structural and antiferromagnetic transitions in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>BaFe</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> under pressure. Physical Review B, 2018, 97, .	1.1	46
46	Pressure-driven phase transition from antiferromagnetic semiconductor to nonmagnetic metal in the two-leg ladders <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>A</mml:mi><mml:msub><mml:mi>Fe</mml:mi><mml:mn		

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55	Inversion of Ferrimagnetic Magnetization by Ferroelectric Switching via a Novel Magnetoelectric Coupling. Physical Review Letters, 2016, 117, 037601.	2.9	36
56	Spin dynamics of the block orbital-selective Mott phase. Nature Communications, 2018, 9, 3736.	5.8	36
57	First-principles study of the low-temperature charge density wave phase in the quasi-one-dimensional Weyl chiral compound <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mo>(</mml:mo><mml:mrow><mml:msub><mml:mi>TaSe</mml:mi><mml:mi mathvariant="normal">I</mml:mi></mml:msub></mml:mrow></mml:math>. Physical Review B, 2020, 101, .	1.1	36
58	Heavy Quasiparticles in the Anderson Lattice Model. Physical Review Letters, 1996, 76, 279-282.	2.9	35
59	Magnetic properties and pairing tendencies of the iron-based superconducting ladder<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>BaFe</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi mathvariant="normal">S</mml:mi><mml:mn>3</mml:mn></mml:mrow></mml:math>: Combinedab initioand density matrix renormalization group study. Physical Review B, 2016, 94, .	1.1	35
60	Direct experimental evidence of physical origin of electronic phase separation in manganites. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 7090-7094.	3.3	35
61	Fingerprints of an orbital-selective Mott phase in the block magnetic state of BaFe2Se3 ladders. Communications Physics, 2019, 2, .	2.0	34
62	Large intrinsic anomalous Hall effect in SrIrO3 induced by magnetic proximity effect. Nature Communications, 2021, 12, 3283.	5.8	34
63	Qualitative understanding of the sign oftâ€²asymmetry in the extendedtâ^'Jmodel and relevance for pairing properties. Physical Review B, 2001, 64, .	1.1	33
64	Method to study highly correlated nanostructures: The logarithmic-discretization embedded-cluster approximation. Physical Review B, 2008, 78, .	1.1	33
65	Highly anisotropic resistivities in the double-exchange model for strained manganites. Physical Review B, 2010, 82, .	1.1	33
66	Competition between Covalent Bonding and Charge Transfer at Complex-Oxide Interfaces. Physical Review Letters, 2014, 112, 196802.	2.9	33
67	SUPERCONDUCTIVITY: Enhanced: The Race to Beat the Cuprates. Science, 2001, 293, 2410-2411.	6.0	31
68	Novel Magnetic Block States in Low-Dimensional Iron-Based Superconductors. Physical Review Letters, 2019, 123, 027203.	2.9	31
69	Photoemission, inverse photoemission and superconducting correlations in Hubbard and t-J ladders: role of the anisotropy between legs and rungs. European Physical Journal B, 1999, 7, 53-66.	0.6	29
70	Electronic and magnetic properties ofRMnO3/AMnO3heterostructures. Physical Review B, 2009, 80, .	1.1	28
71	Designing Magnetism in High Entropy Oxides. Advanced Science, 2022, 9, e2200391.	5.6	28
72	Testing the Monte Carloâ€“mean field approximation in the one-band Hubbard model. Physical Review B, 2014, 90, .	1.1	27

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73	Blockâ€“spiral magnetism: An exotic type of frustrated order. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 16226-16233.	3.3	25
74	Indications of spin-charge separation at short distance and stripe formation in the extendedt-Jmodel on ladders and planes. Physical Review B, 2000, 63, .	1.1	24
75	Short-range spin and charge correlations and local density of states in the colossal magnetoresistance regime of the single-orbital model for manganites. Physical Review B, 2008, 77, .	1.1	24
76	Transport through quantum dots: a combined DMRG and embedded-cluster approximation study. European Physical Journal B, 2009, 67, 527-542.	0.6	24
77	Pairing tendencies in a two-orbital Hubbard model in one dimension. Physical Review B, 2017, 96, .	1.1	24
78	Quasi-one-dimensional ferroelectricity and piezoelectricity in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>WO</mml:mi><mml:msub><mml:mi>X</mml:mi><mml:mn>4</mml:mn></mml:m halogens. Physical Review Materials, 2019, 3, .	3.1	24
79	Ab Initio study of the intrinsic exchange bias at the SrRuO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>/SrMnO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math> interface. Physical Review B, 2011, 84, .	1.1	23
80	Strain dependence of transition temperatures and structural symmetry of BiFeO3 within the tetragonal-like structure. Applied Physics Letters, 2012, 101, .	1.5	23
81	Non-Fermi Liquid Behavior and Continuously Tunable Resistivity Exponents in the Anderson-Hubbard Model at Finite Temperature. Physical Review Letters, 2017, 119, 086601.	2.9	23
82	Charge-density-wave melting in the one-dimensional Holstein model. Physical Review B, 2020, 101, .	1.1	23
83	Quantum phase transition between orbital-selective Mott states in Hund's metals. Physical Review B, 2014, 90, .	1.1	22
84	Unexpected Intermediate State Photoinduced in the Metal-Insulator Transition of Submicrometer Phase-Separated Manganites. Physical Review Letters, 2018, 120, 267202.	2.9	22
85	Magnetic phase diagram of a five-orbital Hubbard model in the real-space Hartree-Fock approximation varying the electronic density. Physical Review B, 2014, 89, .	1.1	21
86	Peierls transition, ferroelectricity, and spin-singlet formation in monolayer <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>VOI</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:m Physical Review B, 2021, 103, .	1.1	21
87	Skyrmion control of Majorana states in planar Josephson junctions. Communications Physics, 2021, 4, .	2.0	21
88	Nonmagnetic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>B</mml:mi></mml:math>-site impurity-induced ferromagnetic tendency in CE-type manganites. Physical Review B, 2009, 79, .	1.1	20
89	Conducting Jahn-Teller domain walls in undoped manganites. Physical Review B, 2010, 81, .	1.1	20
90	Density matrix renormalization group study of a three-orbital Hubbard model with spin-orbit coupling in one dimension. Physical Review B, 2017, 96, .	1.1	20

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91	Magnetic states of iron-based two-leg ladder tellurides. Physical Review B, 2019, 100, .	1.1	20
92	Iron telluride ladder compounds: Predicting the structural and magnetic properties of BaFe2Te3. Physical Review B, 2020, 101, .	1.1	20
93	Charge doping effects on magnetic properties of single-crystal <mml:math		

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109	Role of degeneracy, hybridization, and nesting in the properties of multiorbital systems. Physical Review B, 2011, 84, .	1.1	15
110	Magnetic state of K0.8Fe1.6Se2from a five-orbital Hubbard model in the Hartree-Fock approximation. Physical Review B, 2011, 84, .	1.1	15
111	Prediction of exotic magnetic states in the alkali-metal quasi-one-dimensional iron selenide compound Na2FeSe2. Physical Review B, 2020, 102, .	1.1	15
112	Damped Dirac magnon in the metallic kagome antiferromagnet FeSn. Physical Review B, 2022, 105, .	1.1	15
113	Properties of the multiorbital Hubbard models for the iron-based superconductors. Frontiers of Physics, 2011, 6, 379-397.	2.4	14
114	Diverging nematic susceptibility, physical meaning of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mi>T</mml:mi><mml:mo>*</mml:mo></mml:msup></mml:m and pseudogap in the spin fermion model for the pnictides. Physical Review B, 2014, 90, .	1.1	14
115	Photoexcitation of electronic instabilities in one-dimensional charge-transfer systems. Physical Review B, 2014, 90, .	1.1	14
116	Signatures of pairing in the magnetic excitation spectrum of strongly correlated two-leg ladders. Physical Review B, 2017, 96, .	1.1	14
117	Doping evolution of charge and spin excitations in two-leg Hubbard ladders: Comparing DMRG and FLEX results. Physical Review B, 2018, 97, .	1.1	14
118	Block orbital-selective Mott insulators: A spin excitation analysis. Physical Review B, 2020, 102, .	1.1	14
119	Origin of Insulating Ferromagnetism in Iron Oxychalcogenide <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>Ce</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub><mml:mi mathvariant="normal">O</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mn Physical Review Letters, 2021, 127, 077204.	2.9	14
120	Magnetic excitation spectra of strongly correlated quasi-one-dimensional systems: Heisenberg versus Hubbard-like behavior. Physical Review B, 2016, 94, .	1.1	13
121	Bicollinear Antiferromagnetic Order, Monoclinic Distortion, and Reversed Resistivity Anisotropy in FeTe as a Result of Spin-Lattice Coupling. Physical Review Letters, 2016, 117, 117201.	2.9	13
122	Orbital-selective Mott phases of a one-dimensional three-orbital Hubbard model studied using computational techniques. Physical Review E, 2016, 93, 063313.	0.8	13
123	Phonon linewidth due to electron-phonon interactions with strong forward scattering in FeSe thin films on oxide substrates. Physical Review B, 2017, 96, .	1.1	13
124	BCS-BEC crossover in a <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msup><mml:mrow><mml:mo>(</mml:mo><mml:msub><mml:mi>t</mml:mi> excitonic magnet. Physical Review B, 2020, 101, .	1.1	13
125	Origin of the magnetic and orbital ordering in Î±âˆ'Sr2CrO4. Physical Review B, 2021, 103, .	1.1	13
126	Orbital-selective Peierls phase in the metallic dimerized chain <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi>MoOCl</mml:mi></mml:mrow><mml:mrow><mml:mn>2 Physical Review B, 2021, 104, .	1.1	13

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127	Stripes in the Ising limit of models for the cuprates. Physical Review B, 2000, 62, 13926-13929.	1.1	12
128	Crossover from impurity to valence band in diluted magnetic semiconductors: Role of Coulomb attraction by acceptors. Physical Review B, 2007, 76, .	1.1	12
129	Theoretical study of the spin and charge dynamics of two-leg ladders as probed by resonant inelastic x-ray scattering. Physical Review B, 2019, 99, .	1.1	12
130	Emergence of superconductivity in doped multiorbital Hubbard chains. Npj Quantum Materials, 2020, 5, .	1.8	12
131	Photoinduced Hund excitons in the breakdown of a two-orbital Mott insulator. Physical Review B, 2018, 97, .	1.1	11
132	Weakly coupled alternating <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>S</mml:mi><mml:mo>=</mml:mo><mml:mfrac><mml:m chains in the distorted honeycomb lattice compound <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Na</mml:mi><mml:mn>2</mml:mn></mml: Physical Review B, 2020, 102, .	1.1	11
133	Quantum magnetism of iron-based ladders: Blocks, spirals, and spin flux. Physical Review B, 2021, 104, .	1.1	11
134	Orbital ordering in the layered perovskite material CsVF4. Physical Review Materials, 2021, 5, .	0.9	11
135	Dynamical mean-field study of the ferromagnetic transition temperature of a two-band model for colossal magnetoresistance materials. Physical Review B, 2006, 73, .	1.1	10
136	Wave-packet dynamics in the one-dimensional extended Hubbard model. Physical Review B, 2013, 88, .	1.1	10
137	First principles study of the magnetic properties of LaOMnAs. Journal of Applied Physics, 2014, 115, 17D723.	1.1	10
138	Signatures of a liquid-crystal transition in spin-wave excitations of skyrmions. Communications Physics, 2020, 3, .	2.0	10
139	Magnetic states of the quasi-one-dimensional iron chalcogenide <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi>Ba</mml:mi></mml:mrow><mml:mn>2</mml: Physical Review B, 2021, 104, .	1.1	10
140	Oxygen magnetic polarization, nodes in spin density, and zigzag spin order in oxides. Physical Review B, 2021, 103, .	1.1	9
141	Quantum transitions of nematic phases in a spin-1 bilinear-biquadratic model and their implications for FeSe. Physical Review Research, 2020, 2, .	1.3	9
142	Dynamics of doublon-holon pairs in Hubbard two-leg ladders. Physical Review B, 2012, 86, .	1.1	8
143	Isotropic in-plane quenched disorder and dilution induce a robust nematic state in electron-doped pnictides. Physical Review B, 2015, 92, .	1.1	8
144	Density matrix renormalization group study of nematicity in two dimensions: Application to a spin-1 bilinear-biquadratic model on the square lattice. Physical Review B, 2020, 101, .	1.1	8

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145	Multitude of topological phase transitions in bipartite dice and Lieb lattices with interacting electrons and Rashba coupling. Physical Review B, 2021, 104, .	1.1	8
146	Semi-Dirac and Weyl fermions in transition metal oxides. Physical Review B, 2021, 104, .	1.1	8
147	On-site attractive multiorbital Hamiltonian ford-wave superconductors. Physical Review B, 2016, 93, .	1.1	7
148	Properties of La0.7Ca0.3MnO3 under extreme tensile strain. Physical Review B, 2020, 102, .	1.1	7
149	Estimation of biquadratic and bicubic Heisenberg effective couplings from multiorbital Hubbard models. New Journal of Physics, 2022, 24, 073014.	1.2	7
150	Coexistence of pairing tendencies and ferromagnetism in a doped two-orbital Hubbard model on two-leg ladders. Physical Review B, 2010, 81, .	1.1	6
151	Spin-orbit interaction driven dimerization in one-dimensional frustrated magnets. Physical Review B, 2017, 96, .	1.1	6
152	Block excitonic condensate at n=3.5 in a spin-orbit coupled t2g multiorbital Hubbard model. Physical Review B, 2019, 99, .	1.1	6
153	Nonmonotonic crossover in electronic phase separated manganite superlattices driven by the superlattice period. Physical Review B, 2020, 102, .	1.1	6
154	Strongly anisotropic electronic and magnetic structures in oxide dichlorides <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">RuOCl</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">OsOCl</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review B, 2022, 105, .	1.1	6
155	Constraints imposed by symmetry on pairing operators for the iron pnictides. Physical Review B, 2010, 81, .	1.1	5
156	Orbital selective directional conductor in the two-orbital Hubbard model. Physical Review B, 2016, 93, .	1.1	5
157	Efficiency of fermionic quantum distillation. Physical Review A, 2017, 96, .	1.0	5
158	Phenomenological three-orbital spin-fermion model for cuprates. Physical Review B, 2018, 98, .	1.1	5
159	Intertwined charge, spin, and pairing orders in doped iron ladders. Physical Review B, 2021, 103, .	1.1	5
160	Prediction of orbital-selective Mott phases and block magnetic states in the quasi-one-dimensional iron chain <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi>Ce</mml:mi></mml:mrow><mml:mn>2</mml:mn><mml:mi mathvariant="normal">O</mml:mi></mml:mrow><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Fe</mml:mi><mml:msub><mml:mrow> under hole and electron doping. Physical Review B, 2022, 105, .	1.1	5
161	Coupled Hubbard ladders at weak coupling: Pairing and spin excitations. Physical Review B, 2022, 105, .	1.1	5
162	Spin Andreev-like Reflection in Metal-Mott Insulator Heterostructures. Physical Review Letters, 2015, 114, 066401.	2.9	4

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163	Magnetization dynamics fingerprints of an excitonic condensate <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msubsup><mml:mi>t</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mn>2</mml:mn></mml:mrow><mml:mn><m magnet. Physical Review B, 2021, 104, .	1.1	4
164	Fractionalized Excitations Revealed by Entanglement Entropy. Physical Review Letters, 2020, 124, 237201.	2.9	3
165	Quench dynamics of two-component dipolar fermions subject to a quasiperiodic potential. Physical Review B, 2020, 102, .	1.1	2
166	Fragility of the nematic spin liquid induced by diagonal couplings in the square-lattice SU(3) model. Physical Review B, 2021, 104, .	1.1	2
167	Superconductivity in the cuprates as a consequence of antiferromagnetism and a large hole density of states. Journal of Superconductivity and Novel Magnetism, 1996, 9, 379-387.	0.5	1
168	Excitonic wave-packet evolution in a two-orbital Hubbard model chain: A real-time real-space study. Physical Review B, 2021, 104, .	1.1	1
169	The Novel Ladder Superconductors: A Brief Review. International Journal of Modern Physics B, 1998, 12, 2898-2900.	1.0	0
170	DOPED STRIPES EVOLVING FROM THE ONE-HOLE PROPERTIES OF THE ANTIFERROMAGNETIC INSULATOR. International Journal of Modern Physics B, 2000, 14, 3424-3431.	1.0	0
171	Charge Excitations in Two-Leg Ladders: A tDMRG Approach. Journal of Superconductivity and Novel Magnetism, 2013, 26, 2193-2196.	0.8	0
172	Electronic structure, magnetic properties, and pairing tendencies of the copper-based honeycomb lattice <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Na</mml:mi><mml:mn>2</mml:mn></mml:mrow><mml: Physical Review B, 2022, 105, .	1.1	0