Qing-Ping Ding

List of Publications by Year
in descending order

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64 papers	1,402 citations	430843 18 h-index	345203 36 g-index
64 all docs	64 docs citations	64 times ranked	1939 citing authors

#	Article	IF	Citations
1	Quantum spin dynamics in the hyperhoneycomb lattice <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mo>[</mml:mo><mml:mo>(</mml:mo><mml:msub><mml:mi) Tj ETQq1 1	3.2	1
2	Itinerant C-type antiferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">SrCr</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">As</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> studied by magnetization, heat capacity, electrical resistivity, and NMR measurements. Physical Review B, 2022, 105, .	3.2	2
3	Superconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">UTe</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> revealed by <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Te</mml:mi><mml:mprescripts /><mml:none /><mml:mn>125</mml:mn></mml:mmultiscripts></mml:math> NMR under pressure. Physica	3.2	10
4	Quasi-one-dimensional uniform spin- 12 Heisenberg antiferromagnet KNaCuP2O7 probed by P31 and Na23 NMR. Physical Review B, 2021, 103, .	3.2	5
5	First-order antiferromagnetic transitions of SrMn ₂ P ₂ and CaMn ₂ P ₂ single crystals containing corrugated-honeycomb Mn sublattices. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	8
6	Incommensurate and commensurate antiferromagnetic states in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Ca</mml:mi><mml:msub><mml:mi>Mn</mml:mi><mml:mi and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Sr</mml:mi><mml:msub><mml:mi>Mn</mml:mi><mml:mi Physical Review B, 2021, 104, .	3.2	0
7	Ferrimagnetism in EuFe4As12 revealed by Eu153 NMR and As75 NQR measurements. Physical Review B, 2020, 102, .	3.2	0
8	Magnetic detwinning and biquadratic magnetic interaction in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Eu</mml:mi><mml:msub><mml:mi>Fe</mml:mi><mml:mi revealed by <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Eu</mml:mi><mml:mprescripts /><mml:none /><mml:mn>153</mml:mn></mml:mmultiscripts></mml:math> NMR. Physical Review B, 2020, 102, .	3.2	4
9	Synthesis of nickel selenide thin films for high performance all-solid-state asymmetric supercapacitors. Chinese Chemical Letters, 2020, 31, 2275-2279.	9.0	18
10	63,65Cu NMR study of the magnetically ordered state of the multiferroic CuFeO2. Journal of Magnetism and Magnetic Materials, 2020, 504, 166668.	2.3	2
11	Charge disproportionation in the spin-liquid candidate <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î</mml:mi><mml:mo>â^’</mml:mo><mml:mrow at 6ÂK revealed by <mml:math xmlns:mml=". Physical Review Research, 2020, 2, .	3.6	11
12	First-order phase transition to a nonmagnetic ground state in nonsymmorphic NbCrP. Physical Review B, 2020, 102, .	3.2	3
13	Nearly ferromagnetic spin-triplet superconductivity. Science, 2019, 365, 684-687.	12.6	351
14	Competing magnetic phases and itinerant magnetic frustration in SrCo2As2. Physical Review B, 2019, 100, .	3.2	12
15	23Na nuclear magnetic resonance study of yNa2Sâ€¯+â€¯(1â€¯â^’â€¯y)[xSiS2â€¯+â€¯(1â€¯â^’â€¯x)PS5/2] glassy solid electrolytes. Solid State Ionics, 2019, 340, 115013.	2.7	5
16	Suppression of ferromagnetic spin fluctuations in the filled skutterudite superconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">SrOs</mml:mi><mml:mn>4</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">As</mml:mi><mml:mn>12</mml:mn></mml:msub></mml:math> revealed by <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>As</mml:mi><mml:mprescripts	3.2	2
17	All-solid-state asymmetric supercapacitor based on porous cobalt selenide thin films. Journal of Alloys and Compounds, 2019, 772, 25-32.	5.5	30
18	Hedgehog spin-vortex crystal stabilized in a hole-doped iron-based superconductor. Npj Quantum Materials, 2018, 3, .	5.2	85

#	Article	IF	Citations
19	High-Performance Flexible All-Solid-State Asymmetric Supercapacitors Based on Vertically Aligned CuSe@Co(OH)₂ Nanosheet Arrays. Journal of Physical Chemistry C, 2018, 122, 2002-2011.	3.1	32
20	NMR studies of the helical antiferromagnetic compound EuCo2P2. Physica B: Condensed Matter, 2018, 536, 384-387.	2.7	2
21	Ferromagnetic spin fluctuations in the filled skutterudite <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>SrFe</mml:mi><mml:mn>4</mml:mn></ revealed by <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">As</mml:mi><mml:mprescripts /><mml:none	3.2	4
22	Magnetic properties of the itinerant A- type antiferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>CaCo</mml:mi><mml:mn>2</mml:mn></ mathvariant="normal">P</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> studied by <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>Co</mml:mi><mml:mprescripts	3.2	3
23	Hedgehog Spin-Vortex Crystal Antiferromagnetic Quantum Criticality in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>CaK</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:msub><mml:mi>Fe</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>â	7.8	17
24	First Observation of Low-Temperature Magnetic Transition in CuAgSe. Journal of Physical Chemistry C, 2018, 122, 19139-19145.	3.1	4
25	Vertically Oriented and Interpenetrating CuSe Nanosheet Films with Open Channels for Flexible All-Solid-State Supercapacitors. ACS Omega, 2017, 2, 1089-1096.	3.5	45
26	Magnetic fluctuations and superconducting properties of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>CaKFe</mml:mi><mml:mn>4</mml:mn></ studied by <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi>As</mml:mi><mml:mprescripts /><mml:none /><mml:mn>75</mml:mn></mml:mmultiscripts></mml:math> NMR. Physical Review B, 2017, 96, .	3.2	40
27	Vertically-aligned Mn(OH)2 nanosheet films for flexible all-solid-state electrochemical supercapacitors. Journal of Materials Science: Materials in Electronics, 2017, 28, 17533-17540.	2.2	24
28	NMR determination of an incommensurate helical antiferromagnetic structure in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>EuCo</mml:mi><mml:mn>2</mml:mn></ Physical Review B, 2017, 95, .	3.2	18
29	NMR studies of the incommensurate helical antiferromagnet EuCo2P2 : Determination of antiferromagnetic propagation vector. Physical Review B, 2017, 96, .	3.2	9
30	NMR study of the new magnetic superconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>CaK</mml:mi><mml:msub><mml:mrow></mml:mrow><mml:mn>2</mml:mn></ : Microscopic coexistence of the hed. Physical Review B, 2017, 96, .	3.2	16
31	Volovik effect and Fermi-liquid behavior in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>s</mml:mi></mml:math>-wave superconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi>CaPd</mml:mi></mml:mrow><mml:mn>2</ /><mml:none /><mml:mn>75</mml:mn></mml:mmultiscripts></mml:math> NMR. Physical Review B, 2016, 93, .	3.2	14
32	Anisotropy of iron-platinum-arsenide Ca10(PtnAs8)(Fe2â^'xPtxAs2)5 single crystals. Applied Physics Letters, 2015, 107, .	3.3	20
33	Effect of carbon and sintering temperature on the structural and magnetic properties of SrFe12O19 nanoparticles. Journal of Sol-Gel Science and Technology, 2015, 73, 371-378.	2.4	16
34	Controllable synthesis and cathodoluminescent property of 1D wurtzite ZnS nanostructures. Journal of Alloys and Compounds, 2015, 648, 481-487.	5.5	12
35	Chelating agents role on phase formation and surface morphology of single orthorhombic YMn2O5 nanorods via modified polyacrylamide gel route. Science China Chemistry, 2014, 57, 402-408.	8.2	14
36	Synthesis and Photoluminescence of Î³-Al₂O₃and C-doped Î³-Al₂O₃Powders. Transactions of the Indian Ceramic Society, 2014, 73, 37-42.	1.0	13

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37	Self-assembling synthesis of Î±-Al2O3â€“carbon composites and a method to increase their photoluminescence. Journal of Luminescence, 2014, 153, 393-400.	3.1	16
38	Comparison ofJccharacteristics in PIT wires based on BaFe2As2with different substitutions. Journal of Physics: Conference Series, 2014, 507, 022041.	0.4	3
39	Fabrication of a novel light emission material AlFeO3 by a modified polyacrylamide gel route and characterization of the material. Optical Materials, 2013, 36, 482-488.	3.6	36
40	Superconducting properties of Ca1â^'xRExFe2As2 (RE: Rare Earths). Physica C: Superconductivity and Its Applications, 2013, 484, 31-34.	1.2	12
41	Superconducting properties of ironâ€“platinumâ€“arsenides Ca10(PtnAs8)(Fe2â^'xPtxAs2)5 (n=3, 4). Physica C: Superconductivity and Its Applications, 2013, 494, 65-68.	1.2	5
42	Role of pH, Organic Additive, and Chelating Agent in Gel Synthesis and Fluorescent Properties of Porous Monolithic Alumina. Journal of Physical Chemistry C, 2013, 117, 5067-5074.	3.1	20
43	Size-controlled synthesis and photoluminescence of porous monolithic Î±-alumina. Ceramics International, 2013, 39, 2943-2948.	4.8	17
44	Role of chelating agent in chemical and fluorescent properties of SnO2nanoparticles. Chinese Physics B, 2013, 22, 058102.	1.4	10
45	Large, Homogeneous, and Isotropic Critical Current Density in Oxygen-Annealed Fe_{1+y}Te_{0.6}Se_{0.4}Single Crystal. Applied Physics Express, 2013, 6, 043101.	2.4	39
46	Magneto-Optical Characterization of Iron-Based Superconducting Wires and Tapes. IEEE Transactions on Applied Superconductivity, 2013, 23, 7300304-7300304.	1.7	9
47	Magneto-optical imaging and transport properties of FeSe superconducting tapes prepared by the diffusion method. Superconductor Science and Technology, 2012, 25, 025003.	3.5	23
48	Anisotropies and Homogeneities of Superconducting Properties in Ironâ€“Platinumâ€“Arsenide Ca₁₀(Pt₃As₈)(Fe_{1.79}Pt_{0.21}As₂)₅. Journal of the Physical Society of Japan, 2012, 81, 114723.	1.6	7
49	Superconducting properties and magneto-optical imaging of Ba_{0.6}K_{0.4}Fe₂As₂PIT wires with Ag addition. Superconductor Science and Technology, 2012, 25, 035019.	3.5	24
50	Fabrication of ZnS/SnO nanowire/nanosheet hierarchical nanoheterostructure and its photoluminescence properties. CrystEngComm, 2012, 14, 8063.	2.6	8
51	xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow		

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55	Controlled Synthesis of ZnO Nanostructures by Electrodeposition Method. Journal of Nanomaterials, 2010, 2010, 1-6.	2.7	20
56	Optical coupling between two nanobelts. Physics Letters, Section A: General, Atomic and Solid State Physics, 2009, 373, 2061-2064.	2.1	1
57	Enhanced Photocatalytic Water Splitting Properties of KNbO₃ Nanowires Synthesized through Hydrothermal Method. Journal of Physical Chemistry C, 2008, 112, 18846-18848.	3.1	135
58	Superconductivity induced by heat treatment under high pressure in PrFeAsO0.75. Superconductor Science and Technology, 2008, 21, 125018.	3.5	2
59	PL enhancement at the ends/junctions of ZnO micro-rods. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 365, 175-179.	2.1	8
60	Molybdenum trioxide nanostructures prepared by thermal oxidization of molybdenum. Journal of Crystal Growth, 2006, 294, 304-308.	1.5	72
61	Zinc oxide microtubes prepared by optical thermal evaporation. Journal Physics D: Applied Physics, 2006, 39, 46-49.	2.8	20
62	Synthesis and Magnetic Properties of LaMnO₃/Î±-Al₂O₃ Magnetic Nanocomposites. Advanced Materials Research, 0, 1004-1005, 103-109.	0.3	1
63	Influence of Fe₂O₃ on Structural and Magnetic Properties of LaFeO₃/Fe₂O₃ and Mn₂O₃/Fe₂O₃ Magnetic Nano-Composites. Applied Mechanics and Materials, 0, 563, 30-35.	0.2	3
64	⁷⁵As NMR Studies of Magnetic Properties of the Magnetic Superconductor CaK(Fe_{0.967}Ni_{0.033})₄As₄. Solid State Phenomena, 0, 289, 148-155.	0.4	1