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List of Publications by Year
in descending order

43 papers	1,160 citations	471509 17 h-index	377865 34 g-index
43 all docs	43 docs citations	43 times ranked	1295 citing authors

#	Article	IF	Citations
1	Competing magnetic phases in the frustrated spin-1/2 chain compound <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î²</mml:mi><mml:mtext>â^’</mml:mtext><mml:msub><mml:mi>probed by NMR. Physical Review B, 2022, 105, .	3.2	0
2	Single-shot Stern-Gerlach magnetic gradiometer with an expanding cloud of cold cesium atoms. Physical Review A, 2021, 103, .	2.5	5
3	Electron correlations and charge segregation in layered manganese pnictide antiferromagnets showing anomalously large magnetoresistance. Physical Review B, 2021, 103, .	3.2	4
4	Superconductivity emerging upon Se doping of the quantum spin liquid 1Tâ^’TaS2. Physical Review B, 2020, 102, .	3.2	5
5	Superconductivity in the regime of attractive interactions in the Tomonaga-Luttinger liquid. Physical Review B, 2020, 101, .	3.2	3
6	Emission of correlated jets from a driven matter-wave soliton in a quasi-one-dimensional geometry. Physical Review A, 2020, 101, .	2.5	9
7	Spin-dimer ground state driven by consecutive charge and orbital ordering transitions in the anionic mixed-valence compound <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Rb</mml:mi><mml:mn>4</mml:mn><mml:mi mathvariant="normal">O</mml:mi><mml:mn>6</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2020, 101, .	3.2	8
8	Metallic State in Rubidium-Loaded Low-Silica X Zeolite. Journal of the Physical Society of Japan, 2020, 89, 073706.	1.6	0
9	Cesium bright matter-wave solitons and soliton trains. Physical Review A, 2019, 99, .	2.5	34
10	Verwey-type charge ordering transition in an open-shell p -electron compound. Science Advances, 2018, 4, eaap7581.	10.3	13
11	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mmultiscripts><mml:mi mathvariant="normal">Y</mml:mi><mml:mprescripts /><mml:none /><mml:mn>89</mml:mn></mml:mmultiscripts></mml:math> NMR observation of ferromagnetic and antiferromagnetic spin fluctuations in the collapsed tetragonal phase of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>YFe</mml:mi><mml:mn>2</mml:mn></mml:msub></m (Ge,Si) <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub>. Physical Review B,	3.2	5
12	Metal-to-insulator crossover in alkali doped zeolite. Scientific Reports, 2016, 6, 18682.	3.3	3
13	Repulsive versus attractive Hubbard model: Transport properties and spin-lattice relaxation rate. Physical Review B, 2015, 91, .	3.2	10
14	Enhanced superconducting transition temperature in hyper-interlayer-expanded FeSe despite the suppressed electronic nematic order and spin fluctuations. Physical Review B, 2015, 92, .	3.2	18
15	Optimized unconventional superconductivity in a molecular Jahn-Teller metal. Science Advances, 2015, 1, e1500059.	10.3	98
16	Jahnâ€“Teller orbital glass state in the expanded fcc Cs₃C₆₀ fulleride. Chemical Science, 2014, 5, 3008-3017.	7.4	21
17	Anomalous local spin susceptibilities in noncentrosymmetricLa2C3superconductor. Physical Review B, 2014, 90, .	3.2	9
18	Size and symmetry of the superconducting gap in the f.c.c. Cs3C60 polymorph close to the metal-Mott insulator boundary. Scientific Reports, 2014, 4, 4265.	3.3	20

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19	Evolution of magnetic and crystal structures in the multiferroic FeTe<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>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>5</mml:mn></mml:msub></mml:math>Br. Physical Review B, 2013, 87, .	3.2	8
20	Stabilization mechanism of Î³-Mg17Al12and Î²-Mg2Al3complex metallic alloys. Journal of Physics Condensed Matter, 2013, 25, 425703.	1.8	10
21	NMR study of thermally activated paramagnetism in metallic low-silica X zeolite filled with sodium atoms. Physical Review B, 2013, 87, .	3.2	14
22	Intrinsic anisotropic magnetic, electrical, and thermal transport properties ofd-Al-Co-Ni decagonal quasicrystals. Physical Review B, 2012, 85, .	3.2	9
23	Incommensurate spin-density wave and a multiband superconducting phase in NaxFeAs revealed by nuclear magnetic resonance. Physical Review B, 2011, 84, .	3.2	14
24	Polymorphism control of superconductivity and magnetism in Cs3C60 close to the Mott transition. Nature, 2010, 466, 221-225.	27.8	202
25	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mtext>A</mml:mtext><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>75</mml:mn></mml:mrow></mml:mmultiscripts><mml:mtext>s</mml:mtext></mml:mrow></mml:math>nuclear magnetic resonance study of antiferromagnetic fluctuations in the normal state of LiFeAs. Physical Review B, 2010, 81, .	3.2	51
26	M-Al-Mgroups trapped in cages ofAl13M4(M=Co,â€,Fe,â€,Ni,â€,Ru)complex intermetallic phases as seen via NMR. Physical Review B, 2010, 82, .	3.2	30
27	Anisotropic physical properties of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Al</mml:mtext></mml:mrow><mml:mrow><mml:mn>13</mml:mn></mml:mrow> intermetallic and its ternary derivative<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Al</mml:mtext>. Physical Review B, 2010, 81, .	3.2	73
28	Coexistence of localized and itinerant electronic states in the multiband iron-based superconductorFeSe0.42Te0.58. Physical Review B, 2010, 82, .	3.2	19
29	Low-moment antiferromagnetic ordering in triply charged cubic fullerides close to the metal-insulator transition. Physical Review B, 2009, 80, .	3.2	22
30	Influence of theNdâ€‰4fstates on the magnetic behavior and the electric field gradient of the oxypnictides superconductorsNdFeAsO1â^'xFx. Physical Review B, 2009, 79, .	3.2	35
31	Anisotropic magnetic and transport properties of orthorhombic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Al</mml:mtext></mml:mrow><mml:mrow><mml:mn>13</mml:mn></mml:mrow> Physical Review B, 2009, 79, .	3.2	52
32	The Disorder-Free Non-BCS Superconductor Cs ₃ C ₆₀ Emerges from an Antiferromagnetic Insulator Parent State. Science, 2009, 323, 1585-1590.	12.6	217
33	NMR evidence for Coâ€“Alâ€“Co molecular groups trapped in cages of Co4Al13. Journal of Alloys and Compounds, 2009, 480, 141-143.	5.5	17
34	Anisotropic magnetic, electrical, and thermal transport properties of the Y-Al-Ni-Co decagonal approximant. Physical Review B, 2008, 78, .	3.2	33
35	Orientation-dependent NMR study of the giant-unit-cell intermetallicsÎ²â^'Al3Mg2, Bergman-phaseMg32(Al,Zn)49, andÎ¾â€²â^'Al74Pd22Mn4. Physical Review B, 2007, 75, .	3.2	14
36	Magnetic and transport properties of the giant-unit-cell Al3.26Mg2 complex metallic alloy. Intermetallics, 2007, 15, 1367-1376.	3.9	28

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37	Nuclear magnetic resonance reveals â€˜forbiddenâ€™ symmetries in quasicrystals and related metallic alloys with giant unit cells. Philosophical Magazine, 2007, 87, 2687-2692.	1.6	1
38	Distribution of electric field gradients in decagonal quasicrystals. Philosophical Magazine, 2006, 86, 601-606.	1.6	1
39	NMR features of a decagonalAl72.6Ni10.5Co16.9quasicrystal. Physical Review B, 2005, 71, .	3.2	14
40	Magnetic, electrical, thermal transport, and thermoelectric properties of theÎ¾â€²andÎ¨complex metallic alloy phases in the Al-Pd-Mn system. Physical Review B, 2005, 72, .	3.2	23
41	Basics of NMR line shape in quasicrystals. Applied Magnetic Resonance, 2004, 27, 329-341.	1.2	2
42	NMR methods for detection of slow atomic motions in quasicrystals. Journal of Non-Crystalline Solids, 2004, 334-335, 280-286.	3.1	2
43	Atomic jumps in quasiperiodicAl72.6Ni10.5Co16.9and related crystalline material. Physical Review B, 2002, 65, .	3.2	9