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List of Publications by Year in descending order

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471509

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1295
citing authors

#	ARTICLE	IF	CITATIONS
1	The Disorder-Free Non-BCS Superconductor Cs ₃ C ₆₀ Emerges from an Antiferromagnetic Insulator Parent State. <i>Science</i> , 2009, 323, 1585-1590.	12.6	217
2	Polymorphism control of superconductivity and magnetism in Cs ₃ C ₆₀ close to the Mott transition. <i>Nature</i> , 2010, 466, 221-225.	27.8	202
3	Optimized unconventional superconductivity in a molecular Jahn-Teller metal. <i>Science Advances</i> , 2015, 1, e1500059.	10.3	98
4	Anisotropic physical properties of the intermetallic and its ternary derivative Al ₃ Al. <i>Physical Review B</i> , 2010, 81, .	3.2	73
5	Anisotropic magnetic and transport properties of orthorhombic Al ₃ Al. <i>Physical Review B</i> , 2009, 80, .	3.2	52
6	Magnetic resonance study of antiferromagnetic fluctuations in the normal state of LiFeAs. <i>Physical Review B</i> , 2010, 81, .	3.2	51
7	Influence of the Nd ^{4f} states on the magnetic behavior and the electric field gradient of the oxypnictides superconductors NdFeAsO _{1-x} F _x . <i>Physical Review B</i> , 2009, 79, .	3.2	35
8	Cesium bright matter-wave solitons and soliton trains. <i>Physical Review A</i> , 2019, 99, .	2.5	34
9	Anisotropic magnetic, electrical, and thermal transport properties of the Y-Al-Ni-Co decagonal approximant. <i>Physical Review B</i> , 2008, 78, .	3.2	33
10	M-Al-Mg groups trapped in cages of Al ₁₃ M ₄ (M=Co, Fe, Ni, Ru) complex intermetallic phases as seen via NMR. <i>Physical Review B</i> , 2010, 82, .	3.2	30
11	Magnetic and transport properties of the giant-unit-cell Al _{3.26} Mg ₂ complex metallic alloy. <i>Intermetallics</i> , 2007, 15, 1367-1376.	3.9	28
12	Magnetic, electrical, thermal transport, and thermoelectric properties of the Al ₃ Al ₂ complex metallic alloy phases in the Al-Pd-Mn system. <i>Physical Review B</i> , 2005, 72, .	3.2	23
13	Low-moment antiferromagnetic ordering in triply charged cubic fullerenes close to the metal-insulator transition. <i>Physical Review B</i> , 2009, 80, .	3.2	22
14	Jahn-Teller orbital glass state in the expanded fcc Cs ₃ C ₆₀ fulleride. <i>Chemical Science</i> , 2014, 5, 3008-3017.	7.4	21
15	Size and symmetry of the superconducting gap in the f.c.c. Cs ₃ C ₆₀ polymorph close to the metal-Mott insulator boundary. <i>Scientific Reports</i> , 2014, 4, 4265.	3.3	20
16	Coexistence of localized and itinerant electronic states in the multiband iron-based superconductor FeSe _{0.42} Te _{0.58} . <i>Physical Review B</i> , 2010, 82, .	3.2	19
17	Enhanced superconducting transition temperature in hyper-interlayer-expanded FeSe despite the suppressed electronic nematic order and spin fluctuations. <i>Physical Review B</i> , 2015, 92, .	3.2	18
18	NMR evidence for Co-Al-Co molecular groups trapped in cages of Co ₄ Al ₁₃ . <i>Journal of Alloys and Compounds</i> , 2009, 480, 141-143.	5.5	17

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19	NMR features of a decagonalAl72.6Ni10.5Co16.9quasicrystal. Physical Review B, 2005, 71, .	3.2	14
20	Orientation-dependent NMR study of the giant-unit-cell intermetallics $\hat{1}^2\hat{a}^{\sim}$ Al3Mg2, Bergman-phaseMg32(Al,Zn)49, and $\hat{1}^3/4\hat{a}^{\sim}$ Al74Pd22Mn4. Physical Review B, 2007, 75, .	3.2	14
21	Incommensurate spin-density wave and a multiband superconducting phase in NaxFeAs revealed by nuclear magnetic resonance. Physical Review B, 2011, 84, .	3.2	14
22	NMR study of thermally activated paramagnetism in metallic low-silica X zeolite filled with sodium atoms. Physical Review B, 2013, 87, .	3.2	14
23	Verwey-type charge ordering transition in an open-shell d^1 -electron compound. Science Advances, 2018, 4, eaap7581.	10.3	13
24	Stabilization mechanism of $\hat{1}^3$ -Mg17Al12and $\hat{1}^2$ -Mg2Al3complex metallic alloys. Journal of Physics Condensed Matter, 2013, 25, 425703.	1.8	10
25	Repulsive versus attractive Hubbard model: Transport properties and spin-lattice relaxation rate. Physical Review B, 2015, 91, .	3.2	10
26	Atomic jumps in quasiperiodicAl72.6Ni10.5Co16.9and related crystalline material. Physical Review B, 2002, 65, .	3.2	9
27	Intrinsic anisotropic magnetic, electrical, and thermal transport properties ofd-Al-Co-Ni decagonal quasicrystals. Physical Review B, 2012, 85, .	3.2	9
28	Anomalous local spin susceptibilities in noncentrosymmetricLa2C3superconductor. Physical Review B, 2014, 90, .	3.2	9
29	Emission of correlated jets from a driven matter-wave soliton in a quasi-one-dimensional geometry. Physical Review A, 2020, 101, .	2.5	9
30	Evolution of magnetic and crystal structures in the multiferroic FeTe \times Y. Physical Review B, 2013, 87, .	3.2	8
31	NMR observation of ferromagnetic and antiferromagnetic spin fluctuations in the collapsed tetragonal phase of \times YFe \times Br. Physical Review B, 2013, 87, .	3.2	5
32	Superconductivity emerging upon Se doping of the quantum spin liquid $1T\hat{a}^{\sim}$ TaS2. Physical Review B, 2020, 102, .	3.2	5
33	Single-shot Stern-Gerlach magnetic gradiometer with an expanding cloud of cold cesium atoms. Physical Review A, 2021, 103, .	2.5	5
34	Electron correlations and charge segregation in layered manganese pnictide antiferromagnets showing anomalously large magnetoresistance. Physical Review B, 2021, 103, .	3.2	4
35	Metal-to-insulator crossover in alkali doped zeolite. Scientific Reports, 2016, 6, 18682.	3.3	3
36	Superconductivity in the regime of attractive interactions in the Tomonaga-Luttinger liquid. Physical Review B, 2020, 101, .	3.2	3

#	ARTICLE	IF	CITATIONS
37	Spin-dimer ground state driven by consecutive charge and orbital ordering transitions in the anionic mixed-valence compound Rb_2O_6 . Physical Review B, 2020, 101, .	3.4	1
38	Basics of NMR line shape in quasicrystals. Applied Magnetic Resonance, 2004, 27, 329-341.	1.2	2
39	NMR methods for detection of slow atomic motions in quasicrystals. Journal of Non-Crystalline Solids, 2004, 334-335, 280-286.	3.1	2
40	Distribution of electric field gradients in decagonal quasicrystals. Philosophical Magazine, 2006, 86, 601-606.	1.6	1
41	Nuclear magnetic resonance reveals "forbidden" symmetries in quasicrystals and related metallic alloys with giant unit cells. Philosophical Magazine, 2007, 87, 2687-2692.	1.6	1
42	Metallic State in Rubidium-Loaded Low-Silica X Zeolite. Journal of the Physical Society of Japan, 2020, 89, 073706.	1.6	0
43	Competing magnetic phases in the frustrated spin-1/2 chain compound Rb_2O_6 probed by NMR. Physical Review B, 2022, 105, .	1.2	0