

# Helge Rosner

## List of Publications by Year in descending order

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161  
papers

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101543

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106344

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161  
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161  
docs citations

161  
times ranked

4933  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum helimagnetism of the frustrated spin- $\hat{A}1/2$ chain LiCuVO 4. Europhysics Letters, 2005, 70, 237-243.	2.0	230
2	Superconducting State in SrFe $2\hat{x}$ CoxAs $2$ by Internal Doping of the Iron Arsenide Layers. Physical Review Letters, 2008, 101, 207004.	7.8	228
3	Strong peak in $\langle i \rangle T \langle /i \rangle$ $\langle sub \rangle c \langle /sub \rangle$ of Sr $\langle sub \rangle 2 \langle /sub \rangle$ RuO $\langle sub \rangle 4 \langle /sub \rangle$ under uniaxial pressure. Science, 2017, 355, .	12.6	200
4	Prediction of High Tc Superconductivity in Hole-Doped LiBC. Physical Review Letters, 2002, 88, 127001.	7.8	190
5	Electrical resistivity and specific heat of single-crystalline $\langle mml:math \text{EuFe} \langle /mml:math \rangle \langle mml:math \rangle 2 \langle /mml:math \rangle \langle mml:math \rangle 3 \langle /mml:math \rangle$ A magnetic homologue of $\langle mml:math \text{SrFe} \langle /mml:math \rangle \langle mml:math \rangle 2 \langle /mml:math \rangle \langle mml:math \rangle 3 \langle /mml:math \rangle$ Evidence for a reentrant superconducting state in $\langle mml:math \text{EuFe} \langle /mml:math \rangle \langle mml:math \rangle 2 \langle /mml:math \rangle \langle mml:math \rangle 3 \langle /mml:math \rangle$ pressure. Physical Review B, 2009, 79, .	3.2	156
6	Evidence for a reentrant superconducting state in $\langle mml:math \text{EuFe} \langle /mml:math \rangle \langle mml:math \rangle 2 \langle /mml:math \rangle \langle mml:math \rangle 3 \langle /mml:math \rangle$ pressure. Physical Review B, 2009, 79, .	3.2	151
7	Insulating Ferromagnetism in La $4$ Ba $2$ Cu $2$ O $10$ : An Ab Initio Wannier Function Analysis. Physical Review Letters, 2002, 89, 167204.	7.8	137
8	Magnetic properties of $\langle mml:math \text{BaCdVO} \langle /mml:math \rangle \langle mml:math \rangle 3 \langle /mml:math \rangle \langle mml:math \rangle 2 \langle /mml:math \rangle \langle mml:math \rangle 3 \langle /mml:math \rangle$ A strongly frustrated spin- $\langle mml:math \rangle 1 \langle /mml:math \rangle$ $\langle mml:math \rangle 2 \langle /mml:math \rangle$ $\langle mml:math \rangle 3 \langle /mml:math \rangle$ Physical Review B, 2008, 78, .	3.2	127
9	Strong coupling between magnetic and structural order parameters in $\langle mml:math \text{SrFe} \langle /mml:math \rangle \langle mml:math \rangle 2 \langle /mml:math \rangle \langle mml:math \rangle 3 \langle /mml:math \rangle$ Physical Review B, 2008, 78, .	3.2	127
10	Multistep Approach to Microscopic Models for Frustrated Quantum Magnets: The Case of the Natural Mineral Azurite. Physical Review Letters, 2011, 106, 217201.	7.8	109
11	The quantum nature of skyrmions and half-skyrmions in Cu $2$ OSeO $3$ . Nature Communications, 2014, 5, 5376.	12.8	108
12	Maximal Rashba-like spin splitting via kinetic-energy-coupled inversion-symmetry breaking. Nature, 2017, 549, 492-496.	27.8	105
13	Evidence for time-reversal symmetry breaking in superconducting $\langle mml:math \text{PrPt} \langle /mml:math \rangle \langle mml:math \rangle 4 \langle /mml:math \rangle \langle mml:math \rangle 3 \langle /mml:math \rangle$ Physical Review B, 2010, 82, .	3.2	101
14	Electron Localization Function in Full-Potential Representation for Crystalline Materials. Journal of Physical Chemistry A, 2006, 110, 1100-1105.	2.5	98
15	Electronic structure and magnetic properties of the linear chain cuprates Sr $2$ CuO $3$ and Ca $2$ CuO $3$ . Physical Review B, 1997, 56, 3402-3412.	3.2	91
16	Realization of a Large J $2$ Quasi-2D Spin-Half Heisenberg System: Li $2$ VOSiO $4$ . Physical Review Letters, 2002, 88, 186405.	7.8	86
17	Extension of the spin- $\langle mml:math \rangle 1 \langle /mml:math \rangle$ $\langle mml:math \rangle 2 \langle /mml:math \rangle$ $\langle mml:math \rangle 3 \langle /mml:math \rangle$ frustrated Phase separation and frustrated square lattice magnetism of Na $\langle mml:math \rangle 1 \langle /mml:math \rangle$ $\langle mml:math \rangle 2 \langle /mml:math \rangle$ $\langle mml:math \rangle 3 \langle /mml:math \rangle$ square lattice model: The case of layered vanadate phosphates. Physical Review B, 2009, 79, .	3.2	83
18	Phase separation and frustrated square lattice magnetism of Na $\langle mml:math \rangle 1 \langle /mml:math \rangle$ $\langle mml:math \rangle 2 \langle /mml:math \rangle$ $\langle mml:math \rangle 3 \langle /mml:math \rangle$ square lattice model: The case of layered vanadate phosphates. Physical Review B, 2009, 79, .	3.2	74

#	ARTICLE	IF	CITATIONS
19	Kagome Physics in the Natural Spin-Kagome Lattice Systems: Kapellasite $\text{Cu}_3\text{ZnCu}_2$	7.8	72
20	Application of spark plasma sintering to the fabrication of binary and ternary skutterudites. Science and Technology of Advanced Materials, 2007, 8, 357-363.	6.1	70
21	Exploring the spin-frustrated square lattice model with high-field magnetization studies. Physical Review B, 2009, 80, .	3.2	68
22	Ferromagnetic quantum criticality in the quasi-one-dimensional heavy fermion metal $\text{YbNi}_4\text{P}_2$ . New Journal of Physics, 2011, 13, 103014.	2.9	67
23	Heat and charge transport properties of MgB2. Physica C: Superconductivity and Its Applications, 2001, 363, 6-12.	1.2	66
24	Superfluid Density and Energy Gap Function of Superconducting $\text{PrPt}_4\text{Ge}_5$ . Physical Review Letters, 2009, 103, 147002.	7.8	59
25	Nearly free electrons in a 5d delafossite oxide metal. Science Advances, 2015, 1, e1500692.	10.3	56
26	Direct observation of a uniaxial stress-driven Lifshitz transition in Sr2RuO4. Npj Quantum Materials, 2019, 4, .	5.2	54
27	Effect of pressure on the magnetostructural transition in $\text{SrFe}_2\text{As}_2$ . Physical Review B, 2008, 78, .	3.2	52
28	Magneto-elastic lattice collapse in YCo5. Nature Physics, 2006, 2, 469-472.	16.7	50
29	Helimagnetism and weak ferromagnetism in edge-shared chain cuprates. Journal of Magnetism and Magnetic Materials, 2007, 316, 306-312.	2.3	48
30	Highly dispersive spin excitations in the chain cuprate $\text{Li}_2\text{CuO}_2$ . Europhysics Letters, 2009, 88, 37002.	2.0	46
31	Unconventional magneto-transport in ultrapure PdCoO2 and PtCoO2. Npj Quantum Materials, 2018, 3, .	5.2	46
32	Itinerant ferromagnetism of the Pd-terminated polar surface of PdCoO2. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 12956-12960.	7.1	45
33	TiOCl, an orbital-ordered system?. Europhysics Letters, 2004, 67, 63-69. Spin gap in malachite $\text{Cu}_2(\text{OH})_2\text{CO}_2$	2.0	44
34	$\text{Cu}_2(\text{OH})_2\text{CO}_2$	3.2	42
35	Magnon spectrum of the helimagnetic insulator $\text{Cu}_2\text{OSeO}_3$ . Nature Communications, 2016, 7, 10725.	12.8	38
36	Dumbbells of Five-Connected Silicon Atoms and Superconductivity in the Binary Silicides $\text{MSi}_3$ (M = Ca, .	13.7	37

#	ARTICLE	IF	CITATIONS
37	CoBi <sub>3</sub> : A Binary Cobalt-Bismuth Compound and Superconductor. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 9853-9857.	13.8	37
38	Frustrated square lattice with spatial anisotropy: Crystal structure and magnetic properties of $\text{PbZnVO}$ . <i>Physical Review B</i> , 2010, 81, .	3.2	36
39	Electronic structure and magnetic properties of the spin-1/2 Heisenberg system $\text{CuSe}_2\text{O}_5$ . <i>New Journal of Physics</i> , 2009, 11, 113034.	2.9	35
40	Four-band extended Hubbard Hamiltonian for the one-dimensional cuprate $\text{Sr}_2\text{CuO}_3$ : Distribution of oxygen holes and its relation to strong intersite Coulomb interaction. <i>Physical Review B</i> , 2000, 62, 10752-10765.	3.2	33
41	Features of the electron density in magnesium diboride: reconstruction from X-ray diffraction data and comparison with TB-LMTO and FPLO calculations. <i>Acta Crystallographica Section B: Structural Science</i> , 2003, 59, 575-583.	1.8	33
42	Anisotropic Multiband Many-Body Interactions in $\text{LuNi}_2\text{B}_2\text{C}$ . <i>Physical Review Letters</i> , 2008, 100, 257004.	7.8	33
43	Controlling Size-Induced Phase Transformations Using Chemically Designed Nanolaminates. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13211-13214.	13.8	33
44	Frustrated couplings between alternating spin in $\text{AgVOAsO}_4$ . <i>Physical Review B</i> , 2011, 83, 040408.	3.2	32
45	$\text{RuIn}_3$ , $\text{Ru}_3\text{Sn}_4$ , $\text{Ru}_3\text{Zn}_4$ , and $\text{Ru}_3\text{In}_3$ "new" thermoelectrics based on the semiconductor $\text{Ru}_3\text{In}_3$ . <i>Journal of Materials Research</i> , 2011, 26, 1886-1893.	2.6	32
46	Unoccupied electronic structure of $\text{Li}_2\text{CuO}_2$ . <i>Physical Review B</i> , 1999, 60, 13413-13417.	3.2	30
47	Ferromagnetism Induced by Orbital Order in the Charge-Transfer Insulator $\text{Cs}_2\text{AgF}_4$ : An Electronic Structure Study. <i>Physical Review Letters</i> , 2007, 99, 247210.	7.8	30
48	Electronic Structure, Chemical Bonding, and Solid-State NMR Spectroscopy of the Digallides of Ca, Sr, and Ba. <i>Chemistry - A European Journal</i> , 2009, 15, 1673-1684.	3.3	30
49	Lattice distortions in layered type arsenides $\text{LnTAs}_2$ (Ln=La, Nd, Sm, Gd, Tb; T=Ag, Au): Crystal structures, electronic and magnetic properties. <i>Journal of Solid State Chemistry</i> , 2010, 183, 510-520.	2.9	29
50	The strength of frustration and quantum fluctuations in $\text{LiVCuO}_4$ . <i>Europhysics Letters</i> , 2012, 98, 37007.	2.0	29
51	Magnetic anisotropy in the frustrated spin-chain compound $\text{Li}_2\text{CuO}_4$ . <i>Physical Review B</i> , 2016, 94, .	3.2	29
52	Electronic structure and thermodynamic properties of $\text{Ce}_3\text{Rh}_4\text{Sn}_{13}$ and $\text{La}_3\text{Rh}_4\text{Sn}_{13}$ . <i>Journal of Physics Condensed Matter</i> , 2008, 20, 395208.	1.8	28
53	Analysis of the valence-band photoemission spectrum of $\text{Sr}_2\text{CuO}_2\text{Cl}_2$ along the high-symmetry directions. <i>Physical Review B</i> , 1999, 60, 645-658.	3.2	26
54	Direct space structure solution from precession electron diffraction data: Resolving heavy and light scatterers in $\text{Pb}_{13}\text{Mn}_9\text{O}_{25}$ . <i>Ultramicroscopy</i> , 2010, 110, 881-890.	1.9	26

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55	<p>ry-preserving lattice collapse in tetragonal SrFe<math>\times</math></p> <p><math>\text{Ru} \times</math></p> <p><math>\text{As} \times</math></p>	3.2	26
56	Ca <sub>2</sub> Y <sub>2</sub> Cu <sub>5</sub> O <sub>10</sub> : The First Frustrated Quasi-1D Ferromagnet Close to Criticality. Physical Review Letters, 2012, 109, 117207.	7.8	26
57	High-pressure synthesis and exotic heavy-fermion behaviour of the filled skutterudite SmPt <sub>4</sub> Ge <sub>12</sub> . New Journal of Physics, 2010, 12, 103035	2.9	25
58	Magnetic model for $\text{CuP} \times 2$ $\text{O} \times 2$		

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73	Pressure-induced successive structural transitions and high-pressure tetragonal phase of $\text{FeTe}$ . Physical Review B, 2012, 86, .	3.2	21
74	Physical properties and valence state of cerium in the filled skutterudite $\text{CePt}_4\text{Ge}_{12}$ . Journal of Physics Condensed Matter, 2011, 23, 465601.	1.8	20
75	Microscopic coexistence of magnetism and superconductivity in charge-compensated $\text{Ba}$		

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91	Interplay of atomic displacements in the quantum magnet $\text{CuCl}_2$ . Physical Review B, 2010, 82, .	3.2	15
92	Electron penetration into the nucleus and its effect on the quadrupole interaction. Physical Review A, 2010, 81, .	2.5	15
93	Magnetism of $\text{Cr}_2\text{O}_3$ . Physical Review B, 2010, 82, .	3.2	15
94	Nearly compensated exchange in the dimer compound callaghanite $\text{Cu}_2\text{Mg}_2(\text{CO}_3)(\text{OH})_6 \cdot 2\text{H}_2\text{O}$ . Physical Review B, 2014, 89, .	3.2	15
95	$\text{CoBi}_3$ – the first binary compound of cobalt with bismuth: high-pressure synthesis and superconductivity. Journal of Physics Condensed Matter, 2014, 26, 395701.	1.8	15
96	Unoccupied electronic structure of $\text{Sr}_2\text{CuO}_2\text{Cl}_2$ and $\text{Ba}_2\text{Cu}_3\text{O}_4\text{Cl}_2$ : Experiment and theory. Physical Review B, 1998, 57, 3672-3678.	3.2	14
97	Electronic structure of $\text{Ce}_5\text{Rh}_{10}\text{Sn}_{10}$ from XPS and band structure calculations. European Physical Journal B, 2008, 63, 1-9.	1.5	14
98	Coupled anion and cation ordering in $\text{Sr}_3\text{RFe}_4\text{O}_{10.5}$ (R=Y, Ho, Dy) anion-deficient perovskites. Journal of Solid State Chemistry, 2010, 183, 2845-2854.	2.9	14
99	Electronic structure of $\text{Sr}_2\text{CuO}_2\text{Cl}_2$ . Physical Review B, 1998, 57, 3672-3678.	3.2	14
100	Magnetic and electronic structure of the frustrated spin-chain compound linarite $\text{PbCu}_4\text{SO}_{16}\text{OH}$ . Physical Review B, 2014, 90, .	3.2	14
101	Electronic structure and magnetic properties of the spin-gap compound $\text{Cu}_2(\text{PO}_3)_2\text{CH}_2$ : Magnetic versus structural dimers. Physical Review B, 2010, 81, .	3.2	12
102	Spiral ground state against ferroelectricity in the frustrated magnet $\text{BiMnFeO}_2$ . Physical Review B, 2010, 81, .	3.2	12
103	Phase formation and ferrimagnetism of $\text{GdCo}_9\text{Si}_4$ . Journal of Physics Condensed Matter, 2006, 18, 4567-4580.	1.8	11
104	Electronic structure and thermodynamic properties of $\text{CeRh}_2\text{Sn}_4$ and $\text{LaRh}_2\text{Sn}_4$ . Journal of Physics Condensed Matter, 2009, 21, 325601.	1.8	11
105	Spiral ground state in the quasi-two-dimensional spin-1/2 system $\text{Cu}_2\text{GeO}_4$ . Physical Review B, 2011, 83, .	3.2	11
106	Electronic structure of $\text{Cu}_2\text{GeO}_4$ . Physical Review B, 2011, 83, .	3.2	11

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109	Hidden magnetic order in CuNCN. Physical Review B, 2012, 85, .	3.2	10
110	Alternating spin chain compound AgVOAsO4 probed by As75 NMR. Physical Review B, 2017, 96, .	3.2	10
111	Charge, lattice and magnetism across the valence crossover in $\text{EuR}_2\text{Si}_2$ single crystals. Journal of Physics Condensed Matter, 2019, 31, 305602.	1.8	10
112	Two types of magnetic shape-memory effects from twinned microstructure and magneto-structural coupling in $\text{Fe}_{1+y}\text{Te}$ . Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 16697-16702.	7.1	10
113	A multiband Eliashberg approach to iron-based superconductors. Physica Status Solidi (B): Basic Research, 2017, 254, 1600828.	1.5	9
114	Electronic band structure and proximity to magnetic ordering in the chiral cubic compound CrGe. Physical Review B, 2019, 99, .	3.2	9
115	Title is missing!. Journal of Low Temperature Physics, 1999, 117, 1623-1627.	1.4	8
116	Electronic Structure and Superconductivity of Nonmagnetic Transition Metal Borocarbides. Journal of Low Temperature Physics, 1999, 117, 1617-1621.	1.4	8
117	Electronic structure and aspects of unconventional superconductivity in $\text{Na}_x\text{CoO}_2 \cdot y\text{H}_2\text{O}$ . Brazilian Journal of Physics, 2003, 33, 718-722.	1.4	8
118	$\text{Ba}_2[\text{Ni}_3\text{N}_2]$ : A Low-Valent Nitridonickelate Synthesis, Crystal Structure, and Physical Properties. Chemistry - A European Journal, 2006, 12, 1667-1676.	3.3	8
119	Electronic structure of $\text{CeRhX}$ ( $X = \text{Sn}, \text{In}$ ). European Physical Journal B, 2009, 67, 483-494.	1.5	8
120	Unusual Silicon Connectivities in the Binary Compounds $\text{GdSi}_5$ , $\text{CeSi}_5$ , and $\text{Ce}_2\text{Si}_7$ . Angewandte Chemie - International Edition, 2010, 49, 9002-9006.	13.8	8
121	Fermi-surface topology of the iron pnictide $\text{LaFe}_2\text{P}_2$ . Physical Review B, 2014, 89, .	3.2	8
122	Constraints on the total coupling strength to bosons in the iron based superconductors. Physica Status Solidi (B): Basic Research, 2017, 254, 1700006.	1.5	8
123	Weak antiferromagnetism due to Dzyaloshinskii-Moriya interaction in $\text{Ba}_3\text{Cu}_2\text{O}_4\text{Cl}_2$ . Physical Review B, 2000, 62, 14229-14236.	3.2	7
124	Comment on "Electronic structure of spin-1/2 Heisenberg antiferromagnetic systems: $\text{Ba}_2\text{Cu}(\text{PO}_4)_2$ and $\text{Sr}_2\text{Cu}(\text{PO}_4)_2$ ". Physical Review B, 2009, 79, .	3.2	7
125	Short-range order of Br and three-dimensional magnetism in $(\text{CuBr})_7\text{LaNb}_7\text{O}_{27}$ . Physical Review B, 2012, 85, .	3.2	7
126	Canted Antiferromagnetism on Rectangular Layers of $\text{Fe}^{2+}$ in Polymorphic $\text{CaFeSeO}$ . Inorganic Chemistry, 2017, 56, 4271-4279.	4.0	7



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127	Pressure-Induced Ferromagnetism due to an Anisotropic Electronic Topological Transition in $\text{FePtCoO}_2$ . Physical Review Letters, 2017, 119, 227003.	7.8	7
128	Fermi surface of $\text{PtCoO}_2$ from quantum oscillations and electronic structure calculations. Physical Review B, 2020, 101, .	3.2	1
129	Electronic structure of the $\text{Cu}_3\text{O}_4$ plane of $\text{Ba}_2\text{Cu}_3\text{O}_4\text{Cl}_2$ : Experiment and theory. Physical Review B, 1998, 57, 10936-10945.	3.2	6
130	A Comparative Study of $\text{MgB}_2$ and Other Diborides. Journal of Low Temperature Physics, 2003, 131, 1159-1163.	1.4	6
131	Enhancement of the upper critical field in codoped iron-arsenic high-temperature superconductors. Journal of Applied Physics, 2011, 110, 123906.	2.5	6
132	Quasi-two-dimensional Fermi surface topography of the delafossite $\text{PdRhO}_2$ . Physical Review B, 2017, 96, .	3.2	1
133	Surface and bulk electronic structure of aluminium diboride. Physical Review B, 2020, 102, .	3.2	6
134	The hole distribution in cuprate chains. Journal of Low Temperature Physics, 1999, 117, 407-411.	1.4	5
135	$\text{Cu}_{1-x}\text{Ni}_x$ materials: From crystal chemistry to magnetic model compounds. Science and Technology of Advanced Materials, 2007, 8, 352-356.	6.1	5
136	Insight into the physics of Fe-pnictides from optical and $T=0$ penetration depth data. Physica C: Superconductivity and Its Applications, 2010, 470, S332-S333.	1.2	5
137	Heat and charge transport in $\text{YNi}_2\text{B}_2\text{C}$ and $\text{HoNi}_2\text{B}_2\text{C}$ single crystals. Journal of Physics Condensed Matter, 2008, 20, 175221.	1.8	4
138	The polar mixed-valent lanthanum iron(II, III) sulfide $\text{La}_3\text{Fe}_2\text{S}_7$ : Synthesis, crystal and electronic structure, $^{57}\text{Fe}$ Mössbauer spectra, magnetic susceptibility and electrical resistivity. Journal of Solid State Chemistry, 2009, 182, 1136-1141.	2.9	4
139	Field-induced gapless electron pocket in the superconducting vortex phase of $\text{YNi}_2\text{B}_2\text{C}$ as probed by magnetoacoustic quantum oscillations. Physical Review B, 2017, 95, .	3.2	4
140	Complex magnetic phase diagram of metamagnetic $\text{MnPtSi}$ . Physical Review B, 2019, 100, .	3.2	4
141	Fermi surface investigation of the filled skutterudite $\text{LaRu}_4\text{As}_{12}$ . Physical Review B, 2019, 100, .	3.2	4
142	Fermi surface studies of the skutterudite superconductors $\text{LaPt}_4\text{Ge}_{12}$ and $\text{PrPt}_4\text{Ge}_{12}$ . Physical Review B, 2019, 99, .	3.2	4
143	Fermi surface of the skutterudite $\text{CoSb}_3$ : Quantum oscillations and band-structure calculations. Physical Review B, 2021, 103, .	3.2	4
144	Accuracy and Precision in Electronic Structure Computation: Wien2k and FPLO. Computation, 2022, 10, 28.	2.0	4

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145	Electronic structure and BOW-CDW states of CuO <sub>3</sub> chains. Journal of Superconductivity and Novel Magnetism, 1997, 10, 393-396.	0.5	3
146	Comment on: "Energy band structures of the low-dimensional antiferromagnets Sr <sub>2</sub> CuO <sub>3</sub> and Sr <sub>2</sub> CuO <sub>2</sub> Cl <sub>2</sub> ". [J. Appl. Phys. 87, 4897 (2001)]. Journal of Applied Physics, 2001, 90, 4880-4881.	2.5	3
147	Microscopic analysis of insulating magnetism of La <sub>4</sub> Ba <sub>2</sub> Cu <sub>2</sub> O <sub>10</sub> and Nd <sub>4</sub> Ba <sub>2</sub> Cu <sub>2</sub> O <sub>10</sub> . Journal of Solid State Chemistry, 2003, 171, 329-333.	2.9	3
148	, the antibonding-sister of ?. Solid State Communications, 2010, 150, 2076-2079.	1.9	3
149	Influence of the transition-metal substitution on the physical properties of Lu <sub>2</sub> Ni <sub>2</sub> B <sub>6</sub> "From Pauli-paramagnetism to weak ferromagnetism. Intermetallics, 2012, 20, 104-109.	3.9	3
150	Local magnetism in MnSiPt rules the chemical bond. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 7706-7710.	7.1	3
151	ELECTRONIC STRUCTURE AND EXCHANGE IN Li <sub>2</sub> VOSiO <sub>4</sub> . International Journal of Modern Physics B, 2002, 16, 1649-1653.	2.0	2
152	Conventional Electronic Structure of MgB <sub>2</sub> and ZrB <sub>2</sub> : LDA vs. de Haas-v. Alphen & ARPES Data. Journal of Low Temperature Physics, 2003, 131, 1175-1180.	1.4	2
153	Electronic and magnetic properties of the spin 1/2 compound Na <sub>3</sub> Cu <sub>2</sub> SbO <sub>6</sub> . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2006, 632, 2091-2091.	1.2	2
154	Probing the density of states in $\text{EuFe}_2\text{RuAs}_2$ . Physical Review B, 2014, 90, .	3.2	2
155	Electron Doping of the Iron-Arsenide Superconductor CeFeAsO Controlled by Hydrostatic Pressure. Physical Review Letters, 2020, 125, 207001.	7.8	2
156	Comment on 'The electronic structure of CaCuO <sub>2</sub> and SrCuO <sub>2</sub> '. Journal of Physics Condensed Matter, 2000, 12, 5809-5812.	1.8	1
157	THEORETICAL ASPECTS OF THE FIELD INDUCED SUPERCONDUCTIVITY IN POLYACENES AND C <sub>60</sub> . International Journal of Modern Physics B, 2002, 16, 1547-1551.	2.0	1
158	Analysis of Possible Field-Induced Superconductivity in Anthracene, Other Polyacenes, and C <sub>60</sub> . Journal of Low Temperature Physics, 2003, 131, 1245-1249.	1.4	1
159	The intrinsic defect structure of Al <sub>1-x</sub> B <sub>2</sub> . Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2006, 632, 2083-2083.	1.2	0
160	Highly sensitive band structure of the Stoner-enhanced Pauli paramagnet SrCo <sub>2</sub> P <sub>2</sub> . Physical Review B, 2021, 104, .	3.2	0
161	Fermi surface of a system with strong valence fluctuations: Evidence for a noninteger count of valence electrons in $\text{EuR}_2\text{Mn}_2$ . Physical Review B, 2022, 105, .	3.2	0