

Zbigniew Bukowski

List of Publications by Year in descending order

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56
papers

1,820
citations

304368

22
h-index

264894

42
g-index

56
all docs

56
docs citations

56
times ranked

1763
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure-properties phase diagram for $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ ($0.1 < x < 0.2$). Physical Review B, 1999, 60, 7006-7017.	1.1	190
2	Magnetocaloric effect in $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ for $x=0.13$ and 0.16 . Applied Physics Letters, 2000, 77, 1026.	1.5	149
3	Single crystals of $\text{LnFeAsO}_{1-x}\text{Fx}$ (Ln=La, Pr, Nd, Sm, Gd) and $\text{Ba}_{1-x}\text{RbxFe}_2\text{As}_2$: Growth, structure and superconducting properties. Physica C: Superconductivity and Its Applications, 2009, 469, 370-380.	0.6	120
4	Single crystals of superconducting $\text{SmFeAsO}_{1-x}\text{F}_x$ grown at high pressure. Journal of Physics Condensed Matter, 2008, 20, 342202.	0.7	119
5	Enhanced Susceptibility in LNiO_3 Perovskites (L=La,Pr,Nd,Nd _{0.5} Sm _{0.5}). Physical Review Letters, 2000, 84, 526-529.	2.9	83
6	Oxygen Content and Structures of $\text{La}_{1-x}\text{Ca}_x\text{MnO}_{3+d}$ as a Function of Synthesis Conditions. Journal of Solid State Chemistry, 1999, 146, 448-457.	1.4	75
7	Possible antiferromagnetic ordering in $\text{Y}_2\text{Cu}_2\text{O}_5$. Paramagnetic behaviour of BaCuO_2 . Physics Letters, Section A: General, Atomic and Solid State Physics, 1987, 125, 222-224.	0.9	71
8	Thermal conductivity and electrical resistivity of the high- T_c superconductor $\text{YBa}_2\text{Cu}_3\text{O}_{9-\delta}$. Physics Letters, Section A: General, Atomic and Solid State Physics, 1987, 122, 431-433.	0.9	59
9	On the magnetic ordering in the $\text{R}_2\text{Cu}_2\text{O}_5$ systems. Physica B: Condensed Matter, 1989, 154, 189-196.	1.3	57
10	Probing the metal-insulator transition in Ni(III)-oxide perovskites. Physical Review B, 2000, 61, 4401-4404.	1.1	57
11	Single crystal growth and superconductivity of Mo_3Sb_7 . Solid State Communications, 2002, 123, 283-286.	0.9	56
12	Nernst effect in single crystals of the pnictide superconductor CaFe_2P_2 . Physical Review B, 2010, 81, .	1.1	51
13	Single-crystalline study of the ferromagnetic kondo compound $\text{UCu}_0.9\text{Sb}_2$. Journal of Alloys and Compounds, 2005, 403, 65-70.	2.8	42
14	Observation of a Spin Gap in the Normal State of Superconducting Mo_3Sb_7 . Physical Review Letters, 2008, 100, 137004.	2.9	41
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#	ARTICLE	IF	CITATIONS
19	High-field phase-diagram of Fe arsenide superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 2009, 469, 566-574.	0.6	30
20	Normal state thermopower of the high temperature superconductor $\text{YBa}_2\text{Cu}_3\text{O}_{6.5+\delta}$. <i>Solid State Communications</i> , 1987, 64, 1285-1286.	0.9	26
21	Magnetic anisotropy and lattice dynamics in FeAs studied by Mössbauer spectroscopy. <i>Journal of Alloys and Compounds</i> , 2014, 582, 167-176.	2.8	25
22	Effective Oxygen Content and Properties of $\text{La}_{0.74}\text{Ca}_{0.26}\text{MnO}_3$ as a Function of Synthesis Conditions. <i>Journal of Solid State Chemistry</i> , 1999, 144, 461-466.	1.4	24
23	Single crystal study on $\text{UNi}_0.5\text{Sb}_2$. <i>Intermetallics</i> , 2004, 12, 1381-1386.	1.8	21
24	Low-temperature specific heat of the superconductor Mo_3Sb_7 . <i>Acta Materialia</i> , 2008, 56, 5694-5700.	3.8	21
25	Electronic structure parameters of $\text{Sm}_{1-x}\text{Ba}_x\text{Cu}_3\text{O}_y$ solid solution of orthorhombic and tetragonal structure. <i>Physica C: Superconductivity and Its Applications</i> , 1995, 254, 331-341.	0.6	20
26	Single crystal growth, crystal structure characterization and magnetic properties of. <i>Journal of Solid State Chemistry</i> , 2004, 177, 3934-3938.	1.4	20
27	Ferromagnetism in the Kondo-lattice compound CePd_2P_2 . <i>Journal of Physics Condensed Matter</i> , 2014, 26, 255602.	0.7	20
28	Superconductivity Emerging from an Electronic Phase Separation in the Charge Ordered Phase of $\text{RbFe}_2\text{P}_2\text{O}_{10}$. <i>Physical Review Letters</i> , 2016, 117, 217001.	2.9	20
29	Effect of oxygen atom disordering on T_c of $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$. <i>Journal of the Less Common Metals</i> , 1988, 144, 153-164.	0.9	17
30	Magnetic phase transitions and magnetic structures of $\text{In}_2\text{Cu}_2\text{O}_5$ and $\text{Sc}_2\text{Cu}_2\text{O}_5$. <i>Solid State Communications</i> , 1997, 102, 71-75.	0.9	17
31	Turning superconductivity in $\text{Lu}(\text{Fe}_x\text{Co}_{1-x})_2\text{P}_2$. <i>Physical Review Letters</i> , 2016, 117, 077001.	1.1	16
32	Electric field gradient wave (EFGW) in iron-based superconductor $\text{Ba}_{0.6}\text{K}_{0.4}\text{Fe}_2\text{As}_2$ studied by Mössbauer spectroscopy. <i>Journal of Alloys and Compounds</i> , 2014, 609, 150-155.	2.8	16
33	Crystal structure refinement and magnetic ordering in $\text{R}_2\text{Cu}_2\text{O}_5$ (R=Ho, Tm, Yb) compounds. <i>Solid State Communications</i> , 1990, 75, 785-788.	0.9	15
34	Synthesis and Crystallochemical Characterization of the $\text{Tb}_{1-x}\text{Bi}_x\text{SrO}_3$ -Type Solid Solution. <i>Journal of Solid State Chemistry</i> , 1996, 122, 321-323.	1.4	15
35	Effect of oxygen stoichiometry on properties of $\text{La}_{0.815}\text{Sr}_{0.185}\text{MnO}_3$. <i>Journal of Applied Physics</i> , 2000, 87, 5031-5033.	1.1	15
36	Anomalies in the Fermi Surface and Band Dispersion of Quasi-One-Dimensional CuO Chains in the High-Temperature Superconductor $\text{YBa}_2\text{Cu}_4\text{O}_8$. <i>Physical Review Letters</i> , 2010, 105, 267003.	2.9	15

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37	Thermopower Sign Inversion for the High T_c Superconductor $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$. <i>Physica Status Solidi (B): Basic Research</i> , 1988, 146, K131.	0.7	13
38	Energy gap and upper critical field of the new magnetic superconductor Mo_3Sb_7 found by the Andreev reflection method. <i>Superconductor Science and Technology</i> , 2006, 19, 573-576.	1.8	13
39	Andreev reflection study of the new magnetic superconductor Mo_3Sb_7 : evidence of gap anisotropy. <i>Low Temperature Physics</i> , 2007, 33, 295-299.	0.2	12
40	Single-crystal study of highly anisotropic CeNiGe_2 . <i>Journal of Physics Condensed Matter</i> , 2004, 16, 6119-6128.	0.7	11
41	Quantum oscillations of the superconductor LaRu_2P_2 : Comparable mass enhancement ~ 1 in Ru and Fe phosphides. <i>Physical Review B</i> , 2011, 84, .	1.1	11
42	Magnetostriction study of structural and magnetic transitions in $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ ($0.1 < x < 0.2$). <i>Journal of Applied Physics</i> , 2000, 87, 3011-3017.	1.1	10
43	Observation of superconductivity in the intermetallic compound IrSn_4 . <i>Journal of Physics Condensed Matter</i> , 2013, 25, 155701.	0.7	10
44	Study of spin configurations in $\text{Sc}_2\text{Cu}_2\text{O}_5$ by means of powder neutron diffraction. <i>Journal of Magnetism and Magnetic Materials</i> , 1993, 127, 365-372.	1.0	9
45	Coexistence of antiferromagnetic and spin-glass behaviour in $\text{U}_3\text{Rh}_3\text{Sb}_4$. <i>Journal of Physics Condensed Matter</i> , 2005, 17, 3597-3609.	0.7	9
46	Electrical transport in $\text{UNi}_0.5\text{Sb}_2$ single crystals. <i>Journal of Alloys and Compounds</i> , 2005, 400, 33-36.	2.8	9
47	Evidence for a spin pseudogap in the normal state of superconducting Mo_3Sb_7 . <i>Journal of Physics Condensed Matter</i> , 2009, 21, 485701.	0.7	9
48	Specific heat of $\text{Sm}_{1+x}\text{Ba}_2\text{Cu}_3\text{O}_y$ solid solution of orthorhombic and tetragonal structure. <i>Physica C: Superconductivity and Its Applications</i> , 1994, 230, 354-360.	0.6	8
49	Magnetic and transport properties of YbRhIn_5 and YbIrIn_5 single crystals. <i>Solid State Communications</i> , 2005, 134, 475-478.	0.9	8
50	Vibrational spectra and internal phonon calculations for the $\text{M}_2\text{Cu}_2\text{O}_5$ binary oxides ($\text{M} = \text{In, Sc, Y}$ or Tj)	0.1	7
51	Structural and superconducting properties of RbOs_2O_6 single crystals. <i>Physical Review B</i> , 2008, 77, .	1.1	7
52	The electronic phase diagrams of the $\text{Eu}(\text{Fe}_{0.81}\text{Co}_{0.19})_2\text{As}_2$ superconductor. <i>New Journal of Physics</i> , 2012, 14, 073052.	1.2	5
53	Direct evidence of vortex region in RbOs_2O_6 single crystals. <i>Physical Review B</i> , 2008, 78, .	1.1	3
54	Direct evidence of uneven d_{xz} and d_{yz} orbital occupation in the superconducting state of iron pnictide. <i>Physical Review B</i> , 2020, 102, .	1.1	3

