

Zbigniew Bukowski

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#	Paper	IF	Citations
54	Structure-properties phase diagram for $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ (0.1. <i>Physical Review B</i> , 1999 , 60, 7006-7017	3.3	184
53	Magnetocaloric effect in $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ for $x=0.13$ and 0.16 . <i>Applied Physics Letters</i> , 2000 , 77, 1026	3.4	145
52	Single crystals of $\text{LnFeAsO}_{1-x}\text{F}_x$ (Ln=La, Pr, Nd, Sm, Gd) and $\text{Ba}_{1-x}\text{Rb}_x\text{Fe}_2\text{As}_2$: Growth, structure and superconducting properties. <i>Physica C: Superconductivity and Its Applications</i> , 2009 , 469, 370-380	1.3	110
51	Single crystals of superconducting $\text{SmFeAsO}_{1-x}\text{F}_y$ grown at high pressure. <i>Journal of Physics Condensed Matter</i> , 2008 , 20, 342202	1.8	110
50	Enhanced susceptibility in LNiO_3 perovskites (L = La, Pr, Nd, Nd _{0.5} Sm _{0.5}). <i>Physical Review Letters</i> , 2000 , 84, 526-9	7.4	75
49	Oxygen Content and Structures of $\text{La}_{1-x}\text{Ca}_x\text{MnO}_{3+d}$ as a Function of Synthesis Conditions. <i>Journal of Solid State Chemistry</i> , 1999 , 146, 448-457	3.3	71
48	Possible antiferromagnetic ordering in $\text{Y}_2\text{Cu}_2\text{O}_5$. Paramagnetic behaviour of BaCuO_2 . <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1987 , 125, 222-224	2.3	69
47	Thermal conductivity and electrical resistivity of the high- T_c superconductor $\text{YBa}_2\text{Cu}_3\text{O}_{9-x}$. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1987 , 122, 431-433	2.3	57
46	Single crystal growth and superconductivity of Mo_3Sb_7 . <i>Solid State Communications</i> , 2002 , 123, 283-286	1.6	51
45	Nernst effect in single crystals of the pnictide superconductor $\text{CaFe}_{1.92}\text{Co}_{0.08}\text{As}_2$ and parent compound CaFe_2As_2 . <i>Physical Review B</i> , 2010 , 81,	3.3	50
44	On the magnetic ordering in the $\text{R}_2\text{Cu}_2\text{O}_5$ systems. <i>Physica B: Condensed Matter</i> , 1989 , 154, 189-196	2.8	50
43	Probing the metal-insulator transition in Ni(III)-oxide perovskites. <i>Physical Review B</i> , 2000 , 61, 4401-4404	3.3	49
42	Observation of a spin gap in the normal state of superconducting Mo_3Sb_7 . <i>Physical Review Letters</i> , 2008 , 100, 137004	7.4	39
41	Single-crystalline study of the ferromagnetic kondo compound $\text{UCu}_{0.9}\text{Sb}_2$. <i>Journal of Alloys and Compounds</i> , 2005 , 403, 65-70	5.7	39
40	Doping dependence of the Nernst effect in $\text{Eu}(\text{Fe}_{1-x}\text{Co}_x)_2\text{As}_2$: Departure from Dirac-fermion physics. <i>Physical Review B</i> , 2011 , 83,	3.3	34
39	Correlation between coherent Jahn-Teller distortion and magnetic spin orientation in $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$. <i>Physical Review B</i> , 1999 , 60, 10186-10192	3.3	33
38	Bulk superconductivity at 2.6 K in undoped RbFe_2As_2 . <i>Physica C: Superconductivity and Its Applications</i> , 2010 , 470, S328-S329	1.3	32

37	High-field phase-diagram of Fe arsenide superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 2009 , 469, 566-574	1.3	26
36	Bulk electronic structure of superconducting LaRu ₂ P ₂ single crystals measured by soft-X-ray angle-resolved photoemission spectroscopy. <i>Physical Review Letters</i> , 2012 , 108, 257005	7.4	25
35	Normal state thermopower of the high temperature superconductor YBa ₂ Cu ₃ O _{6.5} . <i>Solid State Communications</i> , 1987 , 64, 1285-1286	1.6	24
34	Effective Oxygen Content and Properties of La _{0.74} Ca _{0.26} MnO ₃ as a Function of Synthesis Conditions. <i>Journal of Solid State Chemistry</i> , 1999 , 144, 461-466	3.3	23
33	Magnetic anisotropy and lattice dynamics in FeAs studied by Mössbauer spectroscopy. <i>Journal of Alloys and Compounds</i> , 2014 , 582, 167-176	5.7	22
32	Single crystal study on UNi _{0.5} Sb ₂ . <i>Intermetallics</i> , 2004 , 12, 1381-1386	3.5	21
31	Low-temperature specific heat of the superconductor Mo ₃ Sb ₇ . <i>Acta Materialia</i> , 2008 , 56, 5694-5700	8.4	20
30	Electronic structure parameters of Sm _{1-x} Ba _{2x} Cu ₃ O _y solid solution of orthorhombic and tetragonal structure. <i>Physica C: Superconductivity and Its Applications</i> , 1995 , 254, 331-341	1.3	19
29	Single crystal growth, crystal structure characterization and magnetic properties of. <i>Journal of Solid State Chemistry</i> , 2004 , 177, 3934-3938	3.3	18
28	Superconductivity Emerging from an Electronic Phase Separation in the Charge Ordered Phase of RbFe ₂ As ₂ . <i>Physical Review Letters</i> , 2016 , 117, 217001	7.4	17
27	Ferromagnetism in the Kondo-lattice compound CePd ₂ P ₂ . <i>Journal of Physics Condensed Matter</i> , 2014 , 26, 255602	1.8	16
26	Anomalies in the Fermi surface and band dispersion of quasi-one-dimensional CuO chains in the high-temperature superconductor YBa ₂ Cu ₄ O ₈ . <i>Physical Review Letters</i> , 2010 , 105, 267003	7.4	15
25	Electric field gradient wave (EFGW) in iron-based superconductor Ba _{0.6} K _{0.4} Fe ₂ As ₂ studied by Mössbauer spectroscopy. <i>Journal of Alloys and Compounds</i> , 2014 , 609, 150-155	5.7	14
24	Magnetic phase transitions and magnetic structures of In ₂ Cu ₂ O ₅ and Sc ₂ Cu ₂ O ₅ . <i>Solid State Communications</i> , 1997 , 102, 71-75	1.6	14
23	Effect of oxygen stoichiometry on properties of La _{0.815} Sr _{0.185} MnO _{3+d} . <i>Journal of Applied Physics</i> , 2000 , 87, 5031-5033	2.5	14
22	Synthesis and Crystallochemical Characterization of the Tb _{1-x} BixSrO ₃ -Type Solid Solution. <i>Journal of Solid State Chemistry</i> , 1996 , 122, 321-323	3.3	14
21	Crystal structure refinement and magnetic ordering in R ₂ Cu ₂ O ₅ (R=Ho, Tm, Yb) compounds. <i>Solid State Communications</i> , 1990 , 75, 785-788	1.6	14
20	Effect of oxygen atom disordering on T _c OF YBa ₂ Cu ₃ O _{7-δ} . <i>Journal of the Less Common Metals</i> , 1988 , 144, 153-164		14

19	Tuning superconductivity in $\text{Eu}(\text{Fe}_{0.81}\text{Co}_{0.19})_2\text{As}_2$ with magnetic fields. <i>Physical Review B</i> , 2012 , 85,	3.3	13
18	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	3.1	13
17	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-K134	1.3	13
16	Andreev reflection study of the new magnetic superconductor Mo_3Sb_7 : evidence of gap anisotropy. <i>Low Temperature Physics</i> , 2007 , 33, 295-299	0.7	12
15	Single-crystal study of highly anisotropic CeNiGe_2 . <i>Journal of Physics Condensed Matter</i> , 2004 , 16, 6119-6128	1.8	10
14	Magnetostriction study of structural and magnetic transitions in $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ (0.1. <i>Journal of Applied Physics</i> , 2000 , 87, 3011-3017	2.5	10
13	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	1.8	9
12	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	2.8	9
11	Quantum oscillations of the superconductor LaRu_2P_2 : Comparable mass enhancement γ in Ru and Fe phosphides. <i>Physical Review B</i> , 2011 , 84,	3.3	8
10	Electrical transport in $\text{UNi}_0.5\text{Sb}_2$ single crystals. <i>Journal of Alloys and Compounds</i> , 2005 , 400, 33-36	5.7	8
9	Magnetic and transport properties of YbRhIn_5 and YbIrIn_5 single crystals. <i>Solid State Communications</i> , 2005 , 134, 475-478	1.6	8
8	Specific heat of $\text{Sm}_{1+x}\text{Ba}_2-x\text{Cu}_3\text{O}_y$ solid solution of orthorhombic and tetragonal structure. <i>Physica C: Superconductivity and Its Applications</i> , 1994 , 230, 354-360	1.3	8
7	Evidence for a spin pseudogap in the normal state of superconducting $\text{Mo}(3)\text{Sb}(7)$. <i>Journal of Physics Condensed Matter</i> , 2009 , 21, 485701	1.8	7
6	Structural and superconducting properties of RbOs_2O_6 single crystals. <i>Physical Review B</i> , 2008 , 77,	3.3	7
5	Vibrational spectra and internal phonon calculations for the $\text{M}_2\text{Cu}_2\text{O}_5$ binary oxides (M = In, Sc, Y or from Tb to Lu). <i>Spectrochimica Acta Part A: Molecular Spectroscopy</i> , 1990 , 46, 691-704		7
4	Observation of superconductivity in the intermetallic compound ErSn_4 . <i>Journal of Physics Condensed Matter</i> , 2013 , 25, 155701	1.8	5
3	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	2.9	4
2	Unexpectedly wide reversible vortex region in $\text{Pyrochlore RbOs}_2\text{O}_6$: Bulk magnetization measurements. <i>Physical Review B</i> , 2008 , 78,	3.3	2

1 Instabilities of the Vortex Lattice and the Peak Effect in Single Crystal YBa₂Cu₄O₈. *Condensed Matter*, **2019**, 4, 74 1.8 1