

Zbigniew Bukowski

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/2095958/zbigniew-bukowski-publications-by-year.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

54
papers

1,683
citations

22
h-index

39
g-index

56
ext. papers

1,741
ext. citations

3.2
avg, IF

3.89
L-index

#	Paper	IF	Citations
54	Instabilities of the Vortex Lattice and the Peak Effect in Single Crystal YBa ₂ Cu ₄ O ₈ . <i>Condensed Matter</i> , 2019 , 4, 74	1.8	1
53	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
52	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
51	Ferromagnetism in the Kondo-lattice compound CePd ₂ P ₂ . <i>Journal of Physics Condensed Matter</i> , 2014 , 26, 255602	1.8	16
50	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
49	Observation of superconductivity in the intermetallic compound ErSn_4 . <i>Journal of Physics Condensed Matter</i> , 2013 , 25, 155701	1.8	5
48	The electronic phase diagrams of the Eu(Fe _{0.81} Co _{0.19}) ₂ As ₂ superconductor. <i>New Journal of Physics</i> , 2012 , 14, 073052	2.9	4
47	Tuning superconductivity in Eu(Fe _{0.81} Co _{0.19}) ₂ As ₂ with magnetic fields. <i>Physical Review B</i> , 2012 , 85,	3.3	13
46	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
45	Doping dependence of the Nernst effect in Eu(Fe _{1-x} Co _x) ₂ As ₂ : Departure from Dirac-fermion physics. <i>Physical Review B</i> , 2011 , 83,	3.3	34
44	Quantum oscillations of the superconductor LaRu ₂ P ₂ : Comparable mass enhancement γ in Ru and Fe phosphides. <i>Physical Review B</i> , 2011 , 84,	3.3	8
43	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
42	Nernst effect in single crystals of the pnictide superconductor CaFe _{1.92} Co _{0.08} As ₂ and parent compound CaFe ₂ As ₂ . <i>Physical Review B</i> , 2010 , 81,	3.3	50
41	Bulk superconductivity at 2.6 K in undoped RbFe ₂ As ₂ . <i>Physica C: Superconductivity and Its Applications</i> , 2010 , 470, S328-S329	1.3	32
40	Evidence for a spin pseudogap in the normal state of superconducting Mo ₃ Sb ₇ . <i>Journal of Physics Condensed Matter</i> , 2009 , 21, 485701	1.8	7
39	Single crystals of LnFeAsO _{1-x} F _x (Ln=La, Pr, Nd, Sm, Gd) and Ba _{1-x} Rb _x Fe ₂ As ₂ : Growth, structure and superconducting properties. <i>Physica C: Superconductivity and Its Applications</i> , 2009 , 469, 370-380	1.3	110
38	High-field phase-diagram of Fe arsenide superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 2009 , 469, 566-574	1.3	26

37	Single crystals of superconducting SmFeAsO _{1-x} Fygrown at high pressure. <i>Journal of Physics Condensed Matter</i> , 2008 , 20, 342202	1.8	110
36	Observation of a spin gap in the normal state of superconducting Mo ₃ Sb ₇ . <i>Physical Review Letters</i> , 2008 , 100, 137004	7.4	39
35	Unexpectedly wide reversible vortex region in pyrochlore RbOs ₂ O ₆ : Bulk magnetization measurements. <i>Physical Review B</i> , 2008 , 78,	3.3	2
34	Structural and superconducting properties of RbOs ₂ O ₆ single crystals. <i>Physical Review B</i> , 2008 , 77,	3.3	7
33	Low-temperature specific heat of the superconductor Mo ₃ Sb ₇ . <i>Acta Materialia</i> , 2008 , 56, 5694-5700	8.4	20
32	Andreev reflection study of the new magnetic superconductor Mo ₃ Sb ₇ : evidence of gap anisotropy. <i>Low Temperature Physics</i> , 2007 , 33, 295-299	0.7	12
31	Energy gap and upper critical field of the new magnetic superconductor Mo ₃ Sb ₇ found by the Andreev reflection method. <i>Superconductor Science and Technology</i> , 2006 , 19, 573-576	3.1	13
30	Electrical transport in UNi _{0.5} Sb ₂ single crystals. <i>Journal of Alloys and Compounds</i> , 2005 , 400, 33-36	5.7	8
29	Single-crystalline study of the ferromagnetic kondo compound UCu _{0.9} Sb ₂ . <i>Journal of Alloys and Compounds</i> , 2005 , 403, 65-70	5.7	39
28	Magnetic and transport properties of YbRhIn ₅ and YbIrIn ₅ single crystals. <i>Solid State Communications</i> , 2005 , 134, 475-478	1.6	8
27	Coexistence of antiferromagnetic and spin-glass behaviour in U ₃ Rh ₃ Sb ₄ . <i>Journal of Physics Condensed Matter</i> , 2005 , 17, 3597-3609	1.8	9
26	Single-crystal study of highly anisotropic CeNiGe ₂ . <i>Journal of Physics Condensed Matter</i> , 2004 , 16, 6119-6128	1.8	10
25	Single crystal growth, crystal structure characterization and magnetic properties of. <i>Journal of Solid State Chemistry</i> , 2004 , 177, 3934-3938	3.3	18
24	Single crystal study on UNi _{0.5} Sb ₂ . <i>Intermetallics</i> , 2004 , 12, 1381-1386	3.5	21
23	Single crystal growth and superconductivity of Mo ₃ Sb ₇ . <i>Solid State Communications</i> , 2002 , 123, 283-286	1.6	51
22	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
21	Magnetocaloric effect in La _{1-x} Sr _x MnO ₃ for x=0.13 and 0.16. <i>Applied Physics Letters</i> , 2000 , 77, 1026	3.4	145
20	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

19	Probing the metal-insulator transition in Ni(III)-oxide perovskites. <i>Physical Review B</i> , 2000 , 61, 4401-4404	3.3	49
18	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
17	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
16	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	3.3	23
15	Oxygen Content and Structures of $\text{La}_{1-x}\text{Ca}_x\text{MnO}_3$ as a Function of Synthesis Conditions. <i>Journal of Solid State Chemistry</i> , 1999 , 146, 448-457	3.3	71
14	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
13	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	1.6	14
12	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	3.3	14
11	Electronic structure parameters 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> , 1995 , 254, 331-341	1.3	19
10	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	1.3	8
9	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
8	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
7	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	1.6	14
6	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
5	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
4	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		14
3	Normal state thermopower of the high temperature superconductor $\text{YBa}_2\text{Cu}_3\text{O}_{6.5-x}$. <i>Solid State Communications</i> , 1987 , 64, 1285-1286	1.6	24
2	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

- 1 Thermal conductivity and electrical resistivity of the high-Tc superconductor YBa₂Cu₃O₉ *Physics Letters, Section A: General, Atomic and Solid State Physics*, **1987**, 122, 431-433 2.3 57