Janusz Tobola

List of Publications by Year
in descending order

131	3,683	136740	155451
papers	citations	32 h-index	55 g-index

137	137	137	3023
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electronic phase diagram of the XTZ (X=Fe, Co, Ni; T=Ti, V, Zr, Nb, Mn; Z=Sn, Sb) semi-Heusler compounds. Journal of Alloys and Compounds, 2000, 296, 243-252.	2.8	269
2	Crossover from semiconductor to magnetic metal in semi-Heusler phases as a function of valence electron concentration. Journal of Physics Condensed Matter, 1998, 10, 1013-1032.	0.7	225
3	Transport in doped skutterudites:Ab initioelectronic structure calculations. Physical Review B, 2005, 72, .	1.1	172
4	Electronic structure and thermoelectric properties of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>n</mml:mi></mml:math>- and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>p</mml:mi></mml:math>-type SnSe from first-principles calculations. Physical Review B, 2015, 91, .	1.1	137
5	Effect of substitutions and defects in half-HeuslerFeVSbstudied by electron transport measurements and KKR-CPA electronic structure calculations. Physical Review B, 2004, 70, .	1.1	132
6	Thermoelectric properties and electronic structure of CoSb3 doped with Se and Te. Journal of Alloys and Compounds, 2003, 361, 19-27.	2.8	123
7	From crystal to glass-like thermal conductivity in crystalline minerals. Physical Chemistry Chemical Physics, 2015, 17, 19751-19758.	1.3	96
8	Thermoelectric properties and electronic structure of p-type Mg2Si and Mg2Si0.6Ge0.4 compounds doped with Ga. Journal of Alloys and Compounds, 2011, 509, 6503-6508.	2.8	94
9	Importance of relativistic effects in electronic structure and thermopower calculations for<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>Mg</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi>Si</mml:mi></mml:math> and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>Mg</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi>Sn</mml:mi></mml:math>	1.1	90
10	Crystal structure, electronic band structure and high-temperature thermoelectric properties of Te-substituted tetrahedrites Cu₁₂Sb_{4â^'x}Te_xS₁₃(0.5 â‰¤ x) Tj ET Q q 0 0 0 rg BT /Ove	1.1	90
11	Thermoelectric Properties and Electronic Structure of Bi- and Ag-Doped Mg2Si1â^'x Ge x Compounds. Journal of Electronic Materials, 2009, 38, 1360-1364.	1.0	68
12	STUDY OF ELECTRON, PHONON AND CRYSTAL STABILITY VERSUS THERMOELECTRIC PROPERTIES IN Mg₂X(X = Si, Sn) COMPOUNDS AND THEIR ALLOYS. Functional Materials Letters, 2013, 06, 1340005.	0.7	59
13	Antimony as an amphoteric dopant in lead telluride. Physical Review B, 2009, 80, .	1.1	58
14	The nature of the nonmetalâ€“metal transition in LixCoO2 oxide. Solid State Ionics, 2014, 263, 110-118.	1.3	56
15	Electronic, transport, and magnetic properties ofCaxCo4Sb12partially filled skutterudites. Physical Review B, 2006, 73, .	1.1	54
16	Electronic structure and magnetism in Coî—¸Ni Heusler compounds. Journal of Magnetism and Magnetic Materials, 1996, 159, 192-200.	1.0	53
17	Nonlinear oscillations in business cycle model with time lagsâ^†. Chaos, Solitons and Fractals, 2001, 12, 505-517.	2.5	52
18	Electronic structure and thermopower ofNi(Ti0.5Hf0.5)Snand related half-Heusler phases. Physical Review B, 2006, 73, .	1.1	49

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19	Crystal structure, electronic and transport properties of AgSbSe2 and AgSbTe2. Journal of Physics and Chemistry of Solids, 2008, 69, 2748-2755.	1.9	49
20	NaMn0.2Fe0.2Co0.2Ni0.2Ti0.2O2 high-entropy layered oxide â€“ experimental and theoretical evidence of high electrochemical performance in sodium batteries. Energy Storage Materials, 2022, 47, 500-514.	9.5	49
21	A Theoretical Search for Efficient Dopants in Mg2X (XÂ=ÂSi, Ge, Sn) Thermoelectric Materials. Journal of Electronic Materials, 2011, 40, 889-897.	1.0	48
22	Calculating electron transport coefficients of disordered alloys using the KKR-CPA method and Boltzmann approach: Application to Mg<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>Si<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1</mml:mn><mml:mo>â^’</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>Sn<mml:	1.1	48
23	Mg-Vacancy-Induced Semiconducting Properties in Mg2Si1â€“x Sb x from Electronic Structure Calculations. Journal of Electronic Materials, 2010, 39, 2064-2069.	1.0	47
24	Physical properties of the weak itinerant ferromagnet CoVSb and related semi-Heusler compounds. Journal of Magnetism and Magnetic Materials, 1998, 187, 210-220.	1.0	46
25	Composition-induced metal-semiconductor-metal crossover in half-HeuslerFe1â^’xNixTiSb. Physical Review B, 2001, 64, .	1.1	46
26	Relative crystal stability of AlxFeNiCrCo high entropy alloys from XRD analysis and formation energy calculation. Journal of Alloys and Compounds, 2015, 648, 307-312.	2.8	45
27	Spin Fluctuations and Superconductivity in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Mo</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi>Sb</mml:mi><mml: Physical Review Letters, 2007, 99, 037006.	7.9	42
28	Electronic band structure, magnetic, transport and thermodynamic properties of In-filled skutterudites InxCo4Sb12. Journal Physics D: Applied Physics, 2013, 46, 495106.	1.3	39
29	Influence of Ni on the thermoelectric properties of the partially filled calcium skutteruditesCayCo4â^’xNixSb12. Physical Review B, 2007, 75, .	1.1	36
30	Electronic structure and thermoelectric properties of p-type Ag-doped Mg2Sn and Mg2Sn1-xSix (xâ€‰=â€‰0.05, 0.1). Journal of Applied Physics, 2014, 116, .	1.1	35
31	Magnetocaloric effect in ternary metal phosphides (Fe1â^’xNix)2P. Journal of Magnetism and Magnetic Materials, 2007, 316, 358-360.	1.0	34
32	On the magnetocaloric effect in d-metal pnictides. Physica A: Statistical Mechanics and Its Applications, 2005, 358, 123-135.	1.2	33
33	Semiquantitative analysis of magnetic phase transitions in the MnFeP1â^’xAsx series of compounds. Journal of Applied Physics, 1998, 83, 7237-7239.	1.1	32
34	Anderson localization of3dMn states in semi-Heusler phases. Physical Review B, 1999, 60, 373-382.	1.1	32
35	Crystal structure, electrical transport properties and electronic structure of the VFe1â^’xCuxSb solid solution. Journal of Alloys and Compounds, 2005, 402, 30-35.	2.8	32
36	Search forSc3XB(X=In,Tl,Ga,Al)perovskites superconductors and proximity of weak ferromagnetism. Physical Review B, 2006, 73, .	1.1	31

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37	Theoretical search for magnetic half-Heusler semiconductors. Physica Status Solidi (B): Basic Research, 2003, 236, 531-535.	0.7	30
38	Band structure engineering in Sn_{1.03}Te through an In-induced resonant level. Journal of Materials Chemistry C, 2020, 8, 977-988.	2.7	30
39	Electronic structure of Al-Pd-Mn crystalline and quasicrystalline alloys. Journal of Physics Condensed Matter, 2002, 14, 87-102.	0.7	29
40	Magneto-elastic properties and electronic structure analysis of the (Fe1âˆ'Ni)2P system. Journal of Alloys and Compounds, 2004, 383, 322-327.	2.8	29
41	Influence of Doping on Structural and Thermoelectric Properties of AgSbSe2. Journal of Electronic Materials, 2010, 39, 2053-2058.	1.0	27
42	Magnetism of Fe2P investigated by neutron experiments and band structure calculations. Journal of Magnetism and Magnetic Materials, 1996, 157-158, 708-710.	1.0	26
43	Resistivity and thermopower calculations in half-Heusler Ti1âˆ'xScxNiSn alloys from the KKR-CPA method. Journal of Physics Condensed Matter, 2006, 18, 6379-6389.	0.7	26
44	Electronic structure, superconductivity and magnetism study of Cr3GaN and Cr3RhN. Journal of Alloys and Compounds, 2007, 442, 289-291.	2.8	26
45	Superconductivity of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Mo</mml:mtext></mml:mrow><mml:mn>3</mml:mn> first principles. Physical Review B, 2008, 78, .	1.1	26
46	Phonon Mechanism of the Magnetostructural Phase Transition in MnAs. Physical Review Letters, 2010, 104, 147205.	2.9	25
47	Superconductivity of Ta₃₄Nb₃₃Hf₈Zr₁₄Ti₁₁ high entropy alloy from first principles calculations. Physica Status Solidi - Rapid Research Letters, 2016, 10, 415-419.	1.2	25
48	Anomaly in the electronic structure of the NaxCoO2âˆ'y cathode as a source of its step-like discharge curve. Physical Chemistry Chemical Physics, 2014, 16, 14845.	1.3	24
49	An Sn-induced resonant level in Î²-As₂Te₃. Physical Chemistry Chemical Physics, 2018, 20, 12948-12957.	1.3	23
50	Conventional<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>s</mml:mi></mml:math>-wave pairing in the presence of spin fluctuations in superconducting<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi mathvariant="normal">Mo</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi	1.1	22
51	Entropy-Induced Multivalley Band Structures Improve Thermoelectric Performance in p-Cu₇P(S_xSe_{1â€“x})₆ Argyrodites. ACS Applied Materials & Interfaces, 2021, 13, 39606-39620.	4.0	22
52	Magnetic and transport properties of HfFe6Ge6-type REMn6X6âˆ'Xâ€² solid solutions (RE = rare earth; X =) Tj ETQq0 0 0 rgBT /Overlock	2.8	21
53	Thermoelectric properties of the tetrahedriteâ€“tennantite solid solutions Cu₁₂Sb_{4âˆ'x}As_xS₁₃ and Cu₁₀Co₂Sb_{4âˆ'y}As_yS₁₃ (0 â‰¤ x,) Tj ETQq1 1 0.784314 rgB	1.3	21
54	Magnetocaloric properties of Fe_{2âˆ'x}T_xP (T= Ru and) Tj ETQq0 0 0 rgBT /Overlock Applied Physics, 2008, 41, 205007.	1.3	20

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55	Electronic structure of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Ïƒ</mml:mi></mml:math>phase of paramagnetic Fe-V alloys. Physical Review B, 2010, 81, .	1.1	20
56	Electronic origin of difference in discharge curve between LixCoO2 and NaxCoO2 cathodes. Solid State Ionics, 2015, 271, 15-27.	1.3	20
57	Recent progress in calculations of electronic and transport properties of disordered thermoelectric materials. Scripta Materialia, 2016, 111, 33-38.	2.6	20
58	Unusual electron structure and electron transport properties of some disordered half-Heusler phases. Journal of Alloys and Compounds, 2004, 383, 328-333.	2.8	19
59	Discovery and characterization of magnetism in sigma-phase intermetallic Fe-Re compounds. Journal of Applied Physics, 2014, 116, 183902.	1.1	19
60	Influence of substituting Sn for Sb on the thermoelectric transport properties of CoSb3-based skutterudites. Journal of Applied Physics, 2014, 115, 103704.	1.1	19
61	Neutron Diffraction and Ab initio Studies of Te Site Preference in Mo₃Sb_{7â^'x}Te_x. Chemistry of Materials, 2008, 20, 6556-6561.	3.2	18
62	Effect of Isovalent Substitution on the Electronic Structure and Thermoelectric Properties of the Solid Solution Î±-As₂Te_{3â€“x}Se_x (0 â‰¤ x â‰¤ 1.5). Inorganic Chemistry, 2017, 56, 2248-2257.	1.9	18
63	Crystal structure of new M6â€²M1.5+xâ€³X1.5â^'x compounds (Mâ€²=Zr, Hf; Mâ€³=Fe, Co, Ni; X=Sn, Sb) and electronic structure of Zr6Co1.65Sn1.35. Journal of Alloys and Compounds, 1998, 267, L1-L3.	2.8	17
64	Electronic structure of a Ïƒ-FeCr compound. Journal of Physics Condensed Matter, 2008, 20, 235234.	0.7	17
65	Quenching of the magnetic moment of Cr in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>R</mml:mi><mml:msub><mml:mrow><mml:mtext>Cr</mml:mtext></mml:mrow><mml:mn>2</mml:mn> upon filling with carbon. Physical Review B, 2008, 78, .	1.1	17
66	Interplay of electronic, structural and magnetic properties as the driving feature of high-entropy CoCrFeNiPd alloys. Journal Physics D: Applied Physics, 2017, 50, 185002.	1.3	16
67	Low-temperature galvanomagnetic, magnetic, and thermoelectric properties of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"		

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73	High thermoelectric power factor in Fe-substituted Mo3Sb7. Applied Physics Letters, 2010, 96, 262103.	1.5	13
74	KKRâ€“CPA study of electronic structure and relative stability of Mg2X (<mml:math) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 712 Td (xmln thermoelectrics containing point defects. Journal of Alloys and Compounds, 2015, 627, 85-90.	2.8	13
75	Crystal structure, magnetic and electronic properties of CoxFe1â^'xMnP system. Journal of Alloys and Compounds, 2001, 317-318, 266-273.	2.8	12
76	Neutron Diffraction, Electronic Band Structure, and Electrical Resistivity of Mo3â^'xRuxSb7. Inorganic Chemistry, 2009, 48, 5216-5223.	1.9	12
77	Theoretical study of magnetic properties and hyperfine interactions in Ïƒ-FeV alloys. Intermetallics, 2012, 22, 7-12.	1.8	12
78	Electronic Structure and Thermoelectric Properties of Pseudoquaternary $$hbox{Mg}_{2}hbox{Si}_{1-x-y}hbox{Sn}_{x}hbox{Ge}_{y}$$ Mg 2 Si 1 - x - y Sn x Ge y -Based Materials. Journal of Electronic Materials, 2014, 43, 3831-3837.	1.0	12
79	Covalent magnetism in the RFe 6Ge 6 series. European Physical Journal B, 2003, 33, 183-191.	0.6	11
80	Electronic origin of the step-like character of the discharge curve for Na_xCoO_{2-y} cathode. Functional Materials Letters, 2014, 07, 1440009.	0.7	11
81	Application of Boltzmann transport theory to disordered thermoelectric materials: Ti(Fe,Co,Ni)Sb halfâ€Heusler alloys. Physica Status Solidi (A) Applications and Materials Science, 2014, 211, 1229-1234.	0.8	11
82	Search for Resonant-Like Impurity in Ag-Doped CoSb3 Skutterudite: Theoretical and Experimental Study. Journal of Electronic Materials, 2014, 43, 1681-1688.	1.0	11
83	Correlation between electronic structure, transport and electrochemical properties of a LiNi_{1â^'yâ^'z}Co_yMn_zO₂ cathode material. Physical Chemistry Chemical Physics, 2017, 19, 25697-25706.	1.3	11
84	Structural and hyperfine characterization of Ïƒ-phase Feâ€“Mo alloys. Intermetallics, 2012, 31, 132-136.	1.8	10
85	Experimental and theoretical study of the Ïƒ-phase Feâ€“Re alloys. Materials Chemistry and Physics, 2013, 139, 590-595.	2.0	10
86	Magnetic properties of sigma-phase FeCrX (X=Co, Ni) alloys: Experimental and theoretical study. Acta Materialia, 2017, 123, 35-43.	3.8	10
87	Electronic band structure, transport, and magnetic properties of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Mo</mml:mtext></mml:mrow><mml:mrow><mml:mn>3</mml:mn Physical Review B, 2009, 80,	1.1	9
88	Electronic structure, magnetism, and spin fluctuations in the superconducting weak ferromagnet<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi mathvariant="normal">Y</mml:mi><mml:mrow><mml:mn>4</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>Co<mml xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>3</mml:mn></mml:mro	1.1	9
89	Correlation between electronic and electrochemical properties of NaxCoO2â^'y. Solid State Ionics, 2014, 268, 179-184.	1.3	9
90	Electronic structure of Niâ€“H from normal to superabundant vacancies. Journal of Alloys and Compounds, 2003, 356-357, 169-173.	2.8	8

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91	Resonant X-ray diffraction study and electronic structure calculations of three Moâ€“Ruâ€“Si ternary phases. Intermetallics, 2010, 18, 781-790.	1.8	8
92	Crystal Structure Analysis of the Mg₂Si_{1-x}Sn_x System Having Potential Thermoelectric Properties at High Temperature. Solid State Phenomena, 0, 170, 253-258.	0.3	8
93	The effect of O3â€“P3â€“Pâ€²3 phases coexistence in NaxFe0.3Co0.7O2 cathode material on its electronic and electrochemical properties. Experimental and theoretical studies. Journal of Power Sources, 2020, 449, 227471.	4.0	8
94	Crystal Structure and Thermoelectric Properties of Novel Quaternary Cu₂MHf₃S₈ (Mâ€Mn, Fe, Co, and Ni) Thiospinels with Low Thermal Conductivity. Chemistry of Materials, 2022, 34, 2146-2160.	3.2	8
95	Magnetic Properties of MMâ€™X (M= Mn, Mâ€™= 3d or 4d Metal, X = P, As, Si, Ge) Compounds with Hexagonal or Orthorhombic Crystal Structure. Solid State Phenomena, 0, 194, 98-103.	0.3	7
96	Crystal and electronic structures of two new iron selenides: Ba4Fe3Se10 and BaFe2Se4. Journal of Solid State Chemistry, 2015, 230, 293-300.	1.4	7
97	Study of phase stability in the Ïƒ-FeCr system. Intermetallics, 2012, 24, 84-88.	1.8	6
98	Phase Analysis and Thermoelectric Properties of Cu-Rich Tetrahedrite Prepared by Solvothermal Synthesis. Materials, 2022, 15, 849.	1.3	6
99	Magnetism and electronic structure of the (Co1âˆ’xMnx)2P system. Journal of Magnetism and Magnetic Materials, 2002, 242-245, 931-934.	1.0	5
100	KKR-CPA study of the electronic and magnetic structures of disordered Pd1âˆ’Ni alloys and their hydrides. Journal of Alloys and Compounds, 2003, 356-357, 218-222.	2.8	5
101	The electronic structure of MxMo6Se8ÂÂChevrel phases with defects. Journal of Physics Condensed Matter, 2003, 15, L655-L659.	0.7	5
102	First principles study of induced magnetic moments in Fe1âˆ’M disordered alloys and in Fe/M (0 0 1) superlattices with M = V, Nb, Ta, Mo. Journal of Alloys and Compounds, 2004, 383, 157-161.	2.8	5
103	Conditions for attaining the maximum values of thermoelectric power in intermetallic semiconductors of the MgAgAs structural type. Semiconductors, 2006, 40, 1275-1281.	0.2	5
104	Electronic structure of MCuSn compounds with M=Ti, Zr and Hf. Journal of Alloys and Compounds, 2002, 347, 43-51.	2.8	4
105	Transport properties and electronic structure of M2CuSb3 compounds with M=Ti, Zr, Hf. Journal of Alloys and Compounds, 2003, 354, 6-12.	2.8	4
106	Electronic structure and magnetic properties of RMnX (R = Mg, Ca, Sr, Ba, Y; X = Si, Ge) studied by KKR method. European Physical Journal B, 2004, 42, 219-230.	0.6	4
107	Formation energy in Feâ€“V alloys. Journal of Physics and Chemistry of Solids, 2013, 74, 1303-1307.	1.9	4
108	Impact of crystal structure singularity on transport and electrochemical properties of Li_x(Li_yFe_zV1âˆ’yâˆ’z)O₂Ââ€” electrode material for lithium batteries. Functional Materials Letters, 2016, 09, 1641006.	0.7	4

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109	Magnetic and electronic structures of PdMnGe compound investigated by neutron diffraction and band structure calculations. Journal of Magnetism and Magnetic Materials, 1999, 207, 95-102.	1.0	3
110	Theoretical study of structural stability and magnetism in the Pd3Mn antiphase. Journal of Alloys and Compounds, 2001, 317-318, 428-432.	2.8	3
111	Ab-initio crystal structure of Mo4+xRu9â^'xSi5 (0â‰¤xâ‰¤1) by synchrotron powder diffraction and electronic properties calculation (KKR method). Intermetallics, 2005, 13, 1048-1055.	1.8	3
112	Resonant X-ray diffraction of Î±-phase Mo0.15Ru0.85Si and crystal stability calculation in Moâ€“Ruâ€“Si system (FeSi and CsCl types). Intermetallics, 2008, 16, 1237-1244.	1.8	3
113	Pressure induced state in the orthorhombic (Mn1â^'xCox)2P system. Journal of Physics Condensed Matter, 2008, 20, 195207.	0.7	3
114	Highâ€Power and Highâ€Energy Cuâ€Substituted Li x Ni 0.88â€“ y Co y Mn 0.1 Cu 0.02 O 2 Cathode Material for Liâ€Ion Batteries. Physica Status Solidi (A) Applications and Materials Science, 2020, 217, 1900951.	0.8	3
115	Itinerant versus localized magnetism in CoV1â^'xMnxSb solutions. Journal of Magnetism and Magnetic Materials, 1999, 196-197, 627-628.	1.0	2
116	Theoretical Search for p-Type Dopants in Mg₂X (X= Si, Ge) Semiconductors for Thermoelectricity. Solid State Phenomena, 2012, 194, 266-271.	0.3	2
117	Crystal and electronic structures of the new quaternary RCr3Si2C (R=Y, Gdâ€“Tm, Lu, U) compounds. Journal of Solid State Chemistry, 2013, 201, 293-301.	1.4	2
118	Transport and Electrochemical Properties of Na _x Fe _{1â€“ y} Mn _y O ₂ â€Cathode Materials for Naâ€Ion batteries. Experimental and Theoretical Studies. Energy Technology, 2022, 10, 2101105.	1.8	2
119	Electronic structure of MnSi0.7Al1.3 and related transition metal alloys with the TiSi2 structure. Journal of Alloys and Compounds, 2001, 317-318, 327-330.	2.8	1
120	Thermoelectric power factor in intermetallic semiconductors with MgAgAs type of structure: requirements for highest values and thermal stability achievement. , 2006, , .		1
121	Publisher's Note: Quenching of the magnetic moment of Cr inRCr2Si2compounds upon filling with carbon [Phys. Rev. B78, 104419 (2008)]. Physical Review B, 2008, 78, .	1.1	1
122	Publisher's Note: Superconductivity of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Mo</mml:mtext></mml:mrow><mml:mn>3</mml:mn></mml:msub><mml:mi>Al</mml:mi><mml:mi>N</mml:mi></mml:mrow></mml:math>first principles [Phys. Rev. B78, 060507 (2008)]. Physical Review B, 2008, 78, .	1.1	1
123	Magnetic Properties and Magnetocaloric Effect in Selected MMâ€™X-Type (M, Mâ€™ = 3d or 4d Metal, X = As,) Tj ETQq1 1 0.784314 rg Solid State Phenomena, 0, 170, 180-184.	0.3	1
124	Transport properties calculated from complex energy Fermi surface and Boltzmann approach: Example of TiFe1â€“xNixSb half-Heusler compound. AIP Conference Proceedings, 2012, , .	0.3	1
125	The local instability of simple relativistic systems. Reports on Mathematical Physics, 1996, 38, 471-483.	0.4	0
126	Thermoelectric properties and electronic structure of Sn-doped CoSb/sub 3/. , 0, , .		0

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127	Thermoelectric properties of Mo/sub 6/Se/sub 8/-based chevrel phase with semiconducting properties. , 0, , .		0
128	Molten glass corrosion resistance of new. Mo-Ru-Si compounds. Materials and Corrosion - Werkstoffe Und Korrosion, 2005, 56, 796-800.	0.8	0
129	Residual conductivity and Seebeck coefficient calculations in TiCo1-xCuxSb alloys. , 2006, , .		0
130	KKR-CPA study of Mg2X (X= Si, Ge, Sn) thermoelectric materials. , 2012, , .		0
131	Total energy of sigma-phase Feâ€“Crâ€“X (X=Co, Ni) alloys: Calculated and modeled data. Data in Brief, 2017, 10, 454-456.	0.5	0