Fuxiang Zhang

List of Publications by Year
in descending order

144	4,817	71102	114465
papers	citations	41 h-index	63 g-index

148	148	148	4147
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Local Structure and Short-Range Order in a NiCoCr Solid Solution Alloy. Physical Review Letters, 2017, 118, 205501.	7.8	283
2	Review of A2B2O7 pyrochlore response to irradiation and pressure. Nuclear Instruments & Methods in Physics Research B, 2010, 268, 2951-2959.	1.4	202
3	Probing disorder in isometric pyrochlore and related complex oxides. Nature Materials, 2016, 15, 507-511.	27.5	164
4	Single-ion tracks in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Gd</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msub> Physical Review B, 2009, 79, .	3.2	126
5	Phase Stability and Pressure Dependences of Defect Formation in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Gd</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Ti</mml:mi><mml:mn mathvariant="normal">O</mml:mi><mml:mn>7</mml:mn></mml:msub></mml:math>and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">	7.8	110
6	Structural modifications of Gd₂Zr_{2-x}Ti_xO₇ pyrochlore induced by swift heavy ions: Disordering and amorphization. Journal of Materials Research, 2009, 24, 1322-1334.	2.6	110
7	Severe local lattice distortion in Zr- and/or Hf-containing refractory multi-principal element alloys. Acta Materialia, 2020, 183, 172-181.	7.9	108
8	X-ray high-pressure study of Ti2AlN and Ti2AlC. Journal of Physics and Chemistry of Solids, 2006, 67, 2091-2094.	4.0	107
9	Structural phase transitions of cubic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Gd</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msub> high pressures. Physical Review B, 2008, 78, .	3.2	107
10	Highly crystallized iron oxide nanoparticles as effective and biodegradable mediators for photothermal cancer therapy. Journal of Materials Chemistry B, 2014, 2, 757-765.	5.8	100
11	Enhanced radiation resistance of nanocrystalline pyrochlore Gd2(Ti0.65Zr0.35)2O7. Applied Physics Letters, 2009, 94, .	3.3	98
12	Local lattice distortion in NiCoCr, FeCoNiCr and FeCoNiCrMn concentrated alloys investigated by synchrotron X-ray diffraction. Materials and Design, 2018, 155, 1-7.	7.0	96
13	Structure change of pyrochlore Sm2Ti2O7 at high pressures. Applied Physics Letters, 2005, 86, 181906.	3.3	94
14	Influence of pressures on the crystallization process of an amorphous Fe73.5Cu1Nb3Si13.5B9 alloy. Journal of Applied Physics, 1998, 84, 1918-1923.	2.5	87
15	Nanoscale manipulation of the properties of solids at high pressure with relativistic heavy ions. Nature Materials, 2009, 8, 793-797.	27.5	85
16	Structural properties, infrared reflectivity, and Raman modes of SnO at high pressure. Physica Status Solidi (B): Basic Research, 2004, 241, 3168-3178.	1.5	82
17	Structural changes and pressure-induced amorphization in rare earth titanates RE2Ti2O7 (RE: Gd, Sm) with pyrochlore structure. Chemical Physics Letters, 2005, 413, 248-251.	2.6	80
18	Redox response of actinide materials to highly ionizing radiation. Nature Communications, 2015, 6, 6133.	12.8	72

#	Article	IF	Citations
19	Evolution of local lattice distortion under irradiation in medium- and high-entropy alloys. Materialia, 2018, 2, 73-81.	2.7	67
20	Pressure-induced orderâ€“disorder transitions in pyrochlore RE2Ti2O7 (RE=Y, Gd). Materials Letters, 2006, 60, 2773-2776.	2.6	66
21	Structural response of titanate pyrochlores to swift heavy ion irradiation. Acta Materialia, 2016, 117, 207-215.	7.9	64
22	Response of Gd2Ti2O7 and La2Ti2O7 to swift-heavy ion irradiation and annealing. Acta Materialia, 2015, 93, 1-11.	7.9	62
23	Pressure-induced fcc to hcp phase transition in Ni-based high entropy solid solution alloys. Applied Physics Letters, 2017, 110, .	3.3	62
24	Pressure-Induced Disordering and Anomalous Lattice Expansion in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>La</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Zr</mml:mi><mml:mn mathvariant="bold">O</mml:mi><mml:mn>7</mml:mn></mml:msub></mml:math>Pyrochlore. Physical Review Letters, 2010, 105, 215503.	7.8	60
25	High-pressure structural changes in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi>Gd</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Zr</mml:mi><mml:mn mathvariant="normal">O</mml:mi><mml:mn>7</mml:mn></mml:msub></mml:mrow></mml:math>pyrochlore. Physical Review B, 2007, 76, .	3.2	59
26	Pressure-induced zircon-type to scheelite-type phase transitions in YbPO4 and LuPO4. Journal of Solid State Chemistry, 2008, 181, 2633-2638.	2.9	56
27	Pressure-induced series of phase transitions in sodium azide. Journal of Applied Physics, 2013, 113, 033511.	2.5	56
28	Chemical complexity induced local structural distortion in NiCoFeMnCr high-entropy alloy. Materials Research Letters, 2018, 6, 450-455.	8.7	54
29	High pressure X-ray diffraction study of potassium azide. Journal of Physics and Chemistry of Solids, 2011, 72, 736-739.	4.0	53
30	Role of composition, bond covalency, and short-range order in the disordering of stannate pyrochlores by swift heavy ion irradiation. Physical Review B, 2016, 94, .	3.2	53
31	High-pressure phase transitions of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>ScPO</mml:mtext></mml:mrow><mml:mn>4</mml:mn></mml:msub></mml:mrow></mml:math>and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>YPO</mml:mtext></mml:mrow><mml:mn>4</mml:mn></mml:msub></mml:mrow></mml:math>: Physical Review B, 2009, 80, .	3.2	51
32	Series of phase transitions in cesium azide under high pressure studied byin situx-ray diffraction. Physical Review B, 2011, 84, .	3.2	50
33	Swift heavy ion track formation in Gd2Zr2â^'Ti O7 pyrochlore: Effect of electronic energy loss. Nuclear Instruments & Methods in Physics Research B, 2014, 336, 102-115.	1.4	48
34	Diffusion-controlled alloying of single-phase multi-principal transition metal carbides with high toughness and low thermal diffusivity. Applied Physics Letters, 2019, 114, .	3.3	48
35	A comparison study of local lattice distortion in Ni80Pd20 binary alloy and FeCoNiCrPd high-entropy alloy. Scripta Materialia, 2018, 156, 14-18.	5.2	45
36	Irradiation-induced stabilization of zircon (ZrSiO4) at high pressure. Earth and Planetary Science Letters, 2008, 269, 291-295.	4.4	44

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37	Stability of fluorite-type La2Ce2O7 under extreme conditions. Journal of Alloys and Compounds, 2016, 674, 168-173.	5.5	44
38	Structural change of layered perovskite La2Ti2O7 at high pressures. Journal of Solid State Chemistry, 2007, 180, 571-576.	2.9	43
39	Zirconate pyrochlores under high pressure. Physical Chemistry Chemical Physics, 2010, 12, 12472.	2.8	43
40	Structural response of A2TiO5 (A = La, Nd, Sm, Gd) to swift heavy ion irradiation. Acta Materialia, 2012, 60, 4477-4486.	7.9	42
41	Structural distortions and phase transformations in Sm2Zr2O7 pyrochlore at high pressures. Chemical Physics Letters, 2007, 441, 216-220.	2.6	41
42	Ion-irradiation-induced structural transitions in orthorhombic Ln2TiO5. Acta Materialia, 2013, 61, 4191-4199.	7.9	41
43	Phase transformations in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ln</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>3</mml:mn></mml:mrow></mml:math>materials irradiated with swift heavy ions. Physical Review B, 2015, 92, .	3.2	41
44	Fission tracks simulated by swift heavy ions at crustal pressures and temperatures. Earth and Planetary Science Letters, 2008, 274, 355-358.	4.4	40
45	Intrinsic Structural Disorder and Radiation Response of Nanocrystalline Gd₂(Ti_{0.65}Zr_{0.35})₂O₇ Pyrochlore. Journal of Physical Chemistry C, 2010, 114, 11810-11815.	3.1	38
46	A one-pot method to grow pyrochlore H4Nb2O7-octahedron-based photocatalyst. Journal of Materials Chemistry, 2010, 20, 1942.	6.7	38
47	Thermal stability and irradiation response of nanocrystalline CoCrCuFeNi high-entropy alloy. Nanotechnology, 2019, 30, 294004.	2.6	38
48	Characterization of ion-induced radiation effects in nuclear materials using synchrotron x-ray techniques. Journal of Materials Research, 2015, 30, 1366-1379.	2.6	36
49	Atomic disorder in Gd2Zr2O7 pyrochlore. Applied Physics Letters, 2015, 106, .	3.3	36
50	Energetics and concentration of defects in Gd2Ti2O7 and Gd2Zr2O7 pyrochlore at high pressure. Acta Materialia, 2011, 59, 1607-1618.	7.9	34
51	Pressure-induced structural transformations in lanthanide titanates: La2TiO5 and Nd2TiO5. Journal of Solid State Chemistry, 2010, 183, 2636-2643.	2.9	33
52	Swift heavy ion-induced amorphization of CaZrO3 perovskite. Nuclear Instruments & Methods in Physics Research B, 2012, 286, 271-276.	1.4	33
53	Synthesis of carbon nitride crystals at high pressures and temperatures. Journal of Materials Research, 1998, 13, 3458-3462.	2.6	32
54	Incorporation of uranium in pyrochlore oxides and pressure-induced phase transitions. Journal of Solid State Chemistry, 2014, 219, 49-54.	2.9	32

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55	Phase transition and structure of silver azide at high pressure. Journal of Applied Physics, 2011, 110, 023524.	2.5	31
56	Swift heavy ion-induced phase transformation in Gd2O3. Nuclear Instruments & Methods in Physics Research B, 2014, 326, 121-125.	1.4	31
57	Crystal structure of germanium quenched from the melt under high pressure. Physical Review B, 1995, 52, 3113-3116.	3.2	28
58	A new high-pressure phase of LiAlO2. Journal of Solid State Chemistry, 2004, 177, 1939-1943.	2.9	28
59	High pressure phase transitions and compressibilities of Er2Zr2O7 and Ho2Zr2O7. Applied Physics Letters, 2008, 92, .	3.3	28
60	Synthesis and magnetic properties of binary boride REB25compounds. Journal of Physics Condensed Matter, 2001, 13, L423-L430.	1.8	27
61	Lattice Distortion and Phase Stability of Pd-Doped NiCoFeCr Solid-Solution Alloys. Entropy, 2018, 20, 900.	2.2	27
62	On the compression behaviour of (Ti0.5,V0.5)2AlC and (Ti0.5,Nb0.5)2AlC to quasi-hydrostatic pressures above 50 GPa. Journal of Physics Condensed Matter, 2007, 19, 246215.	1.8	26
63	Effect of orientation on ion track formation in apatite and zircon. American Mineralogist, 2014, 99, 1127-1132.	1.9	26
64	Structural transitions and electron transfer in coffinite, USiO4, at high pressure. American Mineralogist, 2009, 94, 916-920.	1.9	25
65	Swift heavy ion irradiation-induced amorphization of La2Ti2O7. Nuclear Instruments & Methods in Physics Research B, 2014, 326, 145-149.	1.4	25
66	In situ defect annealing of swift heavy ion irradiated CeO₂ and ThO₂ using synchrotron X-ray diffraction and a hydrothermal diamond anvil cell. Journal of Applied Crystallography, 2015, 48, 711-717.	4.5	25
67	Novel Rare Earth Boron-Rich Solids. Journal of Solid State Chemistry, 2001, 159, 174-180.	2.9	23
68	Raman studies of Bi2CuO4 at high pressures. Applied Physics Letters, 2006, 88, 141926.	3.3	23
69	Pressure-induced structural transitions and phase decomposition in theCd2Nb2O7pyrochlore. Physical Review B, 2006, 74, .	3.2	22
70	Amorphization of Ta2O5 under swift heavy ion irradiation. Nuclear Instruments & Methods in Physics Research B, 2017, 407, 25-33.	1.4	22
71	Novel rare-earth borosilicide RE1â^'xB12Si3.3â^'Î´ (RE=Y, Gdâ€“Lu) (0â©½xâ©½0.5, Î´â‰ˆ0.3): synthesis, crystal growth, structure analysis and properties. Journal of Solid State Chemistry, 2003, 170, 75-81.	2.9	20
72	A New Boron-Rich Compound in the Yâ€“Bâ€“Si Ternary System. Journal of Solid State Chemistry, 2002, 164, 361-366.	2.9	19

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73	Phase stability and thermal expansion property of FeSi2. Scripta Materialia, 2006, 54, 1375-1377.	5.2	19
74	Amorphization of Alî—¸Cuî—¸Fe quasicrystalline alloys by mechanical milling. Journal of Alloys and Compounds, 1996, 240, 256-260.	5.5	18
75	Response of synthetic coffinite to energetic ion beam irradiation. Journal of Nuclear Materials, 2009, 393, 481-486.	2.7	18
76	Crystal structure of new rare-earth boron-rich solids: REB28.5C4. Journal of Alloys and Compounds, 2001, 329, 168-172.	5.5	17
77	Green emission from B2N2CO thin films doped with Tb. Applied Physics Letters, 2002, 81, 34-36.	3.3	17
78	Low-temperature magnetism of the compound GdB18Si5. Journal of Physics Condensed Matter, 2002, 14, 11831-11836.	1.8	17
79	Phase stability of some actinides with brannerite structure at high pressures. Journal of Solid State Chemistry, 2011, 184, 2834-2839.	2.9	17
80	High-pressure U3O8 with the fluorite-type structure. Journal of Solid State Chemistry, 2014, 213, 110-115.	2.9	17
81	Local order of orthorhombic weberite-type Y3TaO7 as determined by neutron total scattering and density functional theory calculationsâœ°. Acta Materialia, 2020, 196, 704-709.	7.9	16
82	Physical properties of layered homologous REâ€“Bâ€“C(N) compounds. Journal of Solid State Chemistry, 2004, 177, 444-448.	2.9	15
83	Carbonate orientational order and superlattice structure in vaterite. Journal of Crystal Growth, 2014, 407, 78-86.	1.5	15
84	Incorporation of carbon atoms in rare earth boron-rich solids and formation of superstructures. Journal of Alloys and Compounds, 2002, 337, 120-127.	5.5	14
85	Quenching with rapid decompressionâ€”a new method for rapid solidification. Applied Physics Letters, 1997, 71, 3811-3813.	3.3	13
86	Ion beam irradiation of lanthanum and thorium-doped yttrium titanates. Journal of Nuclear Materials, 2007, 362, 438-444.	2.7	13
87	Phase transition and abnormal compressibility of lanthanide silicate with the apatite structure. Physical Review B, 2012, 85, .	3.2	13
88	Critical Review of Chemical Complexity Effect on Local Structure of Multi-principal-Element Alloys. Jom, 2019, 71, 3419-3423.	1.9	13
89	Phase transformations of Al-bearing high-entropy alloys AlxCoCrFeNi (xâ€‰=â€‰0, 0.1, 0.3, 0.75, 1.5) at high pressure. Applied Physics Letters, 2019, 114, .	3.3	13
90	Phase formation behavior in undercooled quasicrystal-forming Alî—¸Cuî—¸Fe alloy melts. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1996, 205, 214-220.	5.6	12

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91	Homologous Phases Built by Boron Clusters and Their Vibrational Properties. Inorganic Chemistry, 2001, 40, 6948-6951.	4.0	12
92	Blue and red up-conversion light emission in TM-doped A2B2O7 oxides. Materials Letters, 2016, 170, 53-57.	2.6	12
93	Review of recent experimental results on the behavior of actinide-bearing oxides and related materials in extreme environments. Progress in Nuclear Energy, 2018, 104, 342-358.	2.9	12
94	Microstructure of germanium quenched from the undercooled melt at high pressures. Applied Physics Letters, 1995, 67, 617-619.	3.3	11
95	Pressure-induced phase transitions of Î²-type pyrochlore CsTaWO₆. RSC Advances, 2016, 6, 94287-94293.	3.6	11
96	Strain engineering 4H-SiC with ion beams. Applied Physics Letters, 2019, 114, .	3.3	11
97	A new â€œoldâ€•boron-rich compound: Be8(1â^'x)(B48)B2â€"single crystal growth and structure analysis. Journal of Solid State Chemistry, 2004, 177, 3070-3074.	2.9	10
98	Increased stability of nanocrystals of Gd2(Ti0.65Zr0.35)2O7 pyrochlore at high pressure. Journal of Alloys and Compounds, 2010, 494, 34-39.	5.5	10
99	Radiation-induced disorder in compressed lanthanide zirconates. Physical Chemistry Chemical Physics, 2018, 20, 6187-6197.	2.8	10
100	Local structure of NiPd solid solution alloys and its response to ion irradiation. Journal of Alloys and Compounds, 2018, 755, 242-250.	5.5	10
101	Swift-heavy ion irradiation response and annealing behavior of A2TiO5 (A = Nd, Gd, and Yb). Journal of Solid State Chemistry, 2018, 258, 108-116.	2.9	10
102	Ionizing vs collisional radiation damage in materials: Separated, competing, and synergistic effects in Ti3SiC2. Acta Materialia, 2019, 173, 195-205.	7.9	10
103	Electrical resistance changes of germanium during solidification under high pressure. Journal of Applied Physics, 1998, 83, 5003-5005.	2.5	9
104	Effects of pressure on the solidification of Alâ€“Mn alloy. Journal of Materials Research, 2001, 16, 910-913.	2.6	9
105	Pressure-Induced Splitting and Buckling of Cuâ^'O Chains in the Low-Dimensional Structure of SrCuO2. Journal of the American Chemical Society, 2007, 129, 13923-13926.	13.7	9
106	Structural changes of NaxCoO2 (x=0.74) at high pressures. Journal of Solid State Chemistry, 2007, 180, 1759-1763.	2.9	9
107	Structure and properties of rare earth silicates with the apatite structure at high pressure. Physics and Chemistry of Minerals, 2013, 40, 817-825.	0.8	9
108	Synthesis of porosity-free nanocrystalline materials with ultrafine grain size by annealing amorphous alloy under high pressure. Scripta Materialia, 1997, 8, 795-800.	0.5	7

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109	Phase Evolution in Solidification Process of Germanium at High Pressure. Crystal Research and Technology, 1998, 33, 43-50.	1.3	7
110	Structural behavior of Sr2Bi2O5 at high pressures. Journal of Solid State Chemistry, 2006, 179, 544-550.	2.9	7
111	Combined high pressure and heavy-ion irradiation: a novel approach. Journal of Synchrotron Radiation, 2009, 16, 773-777.	2.4	7
112	Uranyl peroxide nanoclusters at high-pressure. Journal of Materials Research, 2017, 32, 3679-3688.	2.6	7
113	Synthesis of C3N4 crystals under high pressure and high temperature. Science in China Series A: Mathematics, 1998, 41, 405-410.	0.5	6
114	High-Pressure Response of Zirconia Nanoparticles with an Alumina Shell. Journal of Physical Chemistry C, 2009, 113, 14658-14662.	3.1	6
115	A₂TiO₅ (A = Dy, Gd, Er, Yb) at High Pressure. Inorganic Chemistry, 2018, 57, 2269-2277.	4.0	6
116	Symmetry degeneration and room temperature ferroelectricity in ion-irradiated SrTiO₃. Journal of Physics Condensed Matter, 2020, 32, 355405.	1.8	6
117	Solidification of Undercooled Ge _{73.7} Ni _{26.3} Alloy Subjected to Sputtering-Deposition of Ni Clusters. Chinese Physics Letters, 1998, 15, 149-151.	3.3	5
118	Compressibility and vibrational property of Gd0.7B12Si3.03: a compound with two-dimensional boron icosahedral framework. Chemical Physics Letters, 2003, 379, 47-52.	2.6	5
119	Study on structural recovery of graphite irradiated with swift heavy ions at high temperature. Nuclear Instruments & Methods in Physics Research B, 2015, 365, 522-524.	1.4	5
120	Phase transition and water incorporation into Eu2Sn2O7 pyrochlore at high pressure. Chemical Physics Letters, 2016, 650, 138-143.	2.6	5
121	Ion irradiation induced strain and structural changes in LiTaO₃ perovskite*. Journal of Physics Condensed Matter, 2021, 33, 185402.	1.8	5
122	X-ray absorption investigation of local structural disorder in Ni1-xFex (xâ€‰=â€‰0.10, 0.20, 0.35, and 0.50) alloys. Journal of Applied Physics, 2017, 121, 165105.	2.5	4
123	Local structure and defects in ion irradiated KTaO₃. Journal of Physics Condensed Matter, 2018, 30, 145401.	1.8	4
124	Electronic structure and energetics of tetragonal SrCuO2and its high-pressure superstructure phase. Journal of Physics Condensed Matter, 2011, 23, 465503.	1.8	3
125	Structural changes of (K,Gd)2Ta2O7 pyrochlore at high pressure. Journal of Solid State Chemistry, 2011, 184, 2329-2332.	2.9	3
126	Ion Beam Irradiation-Induced Amorphization of Nano-Sized KxLnyTa2O7-ν Tantalate Pyrochlore. Frontiers in Energy Research, 2014, 2, .	2.3	3

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127	Nucleation of Alâ€Cuâ€Fe alloy in a drop tube. Journal of Applied Physics, 1994, 76, 7559-7561.	2.5	2
128	Ion Beam Irradiation-induced Amorphization in Nano-sized KxLnyTa2O7-v Tantalate Pyrochlore. Materials Research Society Symposia Proceedings, 2011, 1298, 147.	0.1	2
129	Swift heavy ion irradiation of diamond powder. Nuclear Instruments & Methods in Physics Research B, 2012, 286, 262-265.	1.4	2
130	Synchrotron x-ray diffraction analysis of gadolinium and lanthanum titanate oxides irradiated by xenon and tantalum swift heavy ions. Materials Research Society Symposia Proceedings, 2015, 1743, 26.	0.1	2
131	Local structure of Ni80X20 (X: Cr, Mn, Pd) solid-solution alloys and its response to ion irradiation. Journal of Physics Condensed Matter, 2020, 32, 074002.	1.8	2
132	Formation of nanocrystalline Fe73.5Cu1Nb3Si13.5B9 alloy under high pressure. Science in China Series A: Mathematics, 1999, 42, 407-413.	0.5	1
133	Single crystal growth of some rare-earth boron-rich compounds in RE-B-C(N) and RE-B-Si systems. Journal of Crystal Growth, 2004, 271, 159-164.	1.5	1
134	Thermal expansion measurements and the phase transition in the compound GdSi2. Journal of Physics Condensed Matter, 2004, 16, 7787-7792.	1.8	1
135	Pressure-induced structural changes of the tetragonal Bi2CuO4. Journal of Solid State Chemistry, 2006, 179, 1202-1207.	2.9	1
136	Structure refinement of quaternary RE-B-C-Si compounds: Y3â^'x(B12)3(CSi)Si8(x â‰ˆ 0.96) and Dy3â^'x(B12)3(CSi)Si8(x â‰ˆ 0.90). Journal of Physics: Conference Series, 2009, 176, 012015.	0.4	1
137	First-principle study of interstitial atoms (C, B and Si) in CrFeCoNi high entropy alloy. Materials Today Communications, 2022, 31, 103241.	1.9	1
138	Nucleation of the Al4Mn alloy during containerless solidification in a drop tube. Journal of Applied Physics, 1995, 77, 4334-4338.	2.5	0
139	Formation of the high temperature Â phase in nanostructured Ni60Sb40mixture under pressure. Journal of Materials Science Letters, 1997, 16, 4-7.	0.5	0
140	Effects of Hydrostatic Pressure on Solid-State Reaction in Binary Nanostructured Ti60Si40 Blends. Physica Status Solidi A, 1997, 163, 3-9.	1.7	0
141	Crystal structure of tetraaluminium trinitride carbide oxide, Al4N3CO. Zeitschrift Fur Kristallographie - New Crystal Structures, 2003, 218, 27-28.	0.3	0
142	Pressure-induced structural changes in Bi2SrO4 compound. Materials Research Bulletin, 2006, 41, 2007-2012.	5.2	0
143	Phase transformation and chemical decomposition of nanocrystalline SnO2 under heavy ion irradiation. Nuclear Instruments & Methods in Physics Research B, 2017, 407, 10-19.	1.4	0
144	Crystal structure of dysprosium borosilicide, Dy0.7B12.33Si3. Zeitschrift Fur Kristallographie - New Crystal Structures, 2003, 218, 26.	0.3	0