Yoshikazu Mizuguchi

List of Publications by Year
in descending order

245 papers	9,448 citations	57631 44 h-index	46693 89 g-index
248 all docs	248 docs citations	248 times ranked	3763 citing authors

#	Article	IF	Citations
1	Superconductivity at 27K in tetragonal FeSe under high pressure. Applied Physics Letters, 2008, 93, .	1.5	658
2	Pressure evolution of the low-temperature crystal structure and bonding of the superconductor FeSe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:mo>(</mml:mo><mml:mrow><mml:msub><mml:mi>T</mml:mi><mml:mi>c</mml:mi Physical Review B, 2009, 80, .	1.1	535
3	Anion height dependence of<i>T</i>_cfor the Fe-based superconductor. Superconductor Science and Technology, 2010, 23, 054013.	1.8	420
4	Superconductivity in Novel BiS₂-Based Layered Superconductor LaO_{1-<i>x</i>}F_{<i>x</i>}BiS₂. Journal of the Physical Society of Japan, 2012, 81, 114725.	0.7	397
5	BiS<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>-based layered superconductor Bi<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>4</mml:mn></mml:msub></mml:math>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:	1.1	373
6	Review of Fe Chalcogenides as the Simplest Fe-Based Superconductor. Journal of the Physical Society of Japan, 2010, 79, 102001.	0.7	328
7	Substitution Effects on FeSe Superconductor. Journal of the Physical Society of Japan, 2009, 78, 074712.	0.7	320
8	Crystal structure of the new FeSe1â^'x superconductor. Chemical Communications, 2008, , 5607.	2.2	289
9	Superconductivity in S-substituted FeTe. Applied Physics Letters, 2009, 94, .	1.5	255
10	New Member of BiS₂-Based Superconductor NdO_{1-<i>x</i>}F_{<i>x</i>}BiS₂. Journal of the Physical Society of Japan, 2013, 82, 033708.	0.7	244
11	Nanoscale phase separation in the iron chalcogenide superconductor K<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi /><mml:mrow><mml:mn>0</mml:mn><mml:mo>.</mml:mo><mml:mn>8</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:m xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi /><mml:mrow><mml:mn>1</mml:mn><mml:mo>.</mml:mo><mml:mn>6</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:m xmlns:. Physical Review B, 2011, 84, .	1.1	228
12	Precise Pressure Dependence of the Superconducting Transition Temperature of FeSe: Resistivity and ⁷⁷Se-NMR Study. Journal of the Physical Society of Japan, 2009, 78, 063704.	0.7	137
13	Transport properties of the new Fe-based superconductor KxFe2Se2 (Tc=33â€,K). Applied Physics Letters, 2011, 98, 042511.	1.5	136
14	Pressure Study of BiS₂-Based Superconductors Bi₄O₄S₃and La(O,F)BiS₂. Journal of the Physical Society of Japan, 2012, 81, 103702.	0.7	134
15	Evolution of superconductivity in LaO _{1â^'x} F _x BiS ₂ prepared by high-pressure technique. Europhysics Letters, 2013, 101, 17004.	0.7	119
16	Intrinsic phase separation in superconducting K0.8Fe1.6Se2(Tc= 31.8 K) single crystals. Superconductor Science and Technology, 2011, 24, 082002.	1.8	118
17	Pressure-Induced Enhancement of Superconductivity and Structural Transition in BiS₂-Layered LaO_{1â^'}<i>_x</i>F<i>_x</i>BiS₂. Journal of the Physical Society of Japan, 2014, 83, 063704.	0.7	111
18	Fabrication of the Iron-Based Superconducting Wire Using Fe(Se,Te). Applied Physics Express, 0, 2, 083004.	1.1	109

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19	Structural Phase Transitions and Superconductivity in Fe_{1+Î´}Se_{0.57}Te_{0.43} at Ambient and Elevated Pressures. Journal of the American Chemical Society, 2009, 131, 16944-16952.	6.6	104
20	In-plane chemical pressure essential for superconductivity in BiCh2-based (Ch: S, Se) layered structure. Scientific Reports, 2015, 5, 14968.	1.6	104
21	Review of superconductivity in BiS 2 -based layered materials. Journal of Physics and Chemistry of Solids, 2015, 84, 34-48.	1.9	93
22	Evidence for Unconventional Superconductivity in Arsenic-Free Iron-Based Superconductor FeSe: A ⁷⁷Se-NMR Study. Journal of the Physical Society of Japan, 2008, 77, 113703.	0.7	85
23	Evidence of local structural inhomogeneity in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>FeSe</mml:mtext></mml:mrow><mml:mrow><mml:mn>1</mml: extended x-ray absorption fine structure. Physical Review B, 2010, 82, .	1.1	85
24	Physics and chemistry of layered chalcogenide superconductors. Science and Technology of Advanced Materials, 2012, 13, 054303.	2.8	81
25	Upper Critical Fields of the 11-System Iron-Chalcogenide Superconductor FeSe_{0.25}Te_{0.75}. Journal of the Physical Society of Japan, 2009, 78, 113701.	0.7	80
26	Local density of states and superconducting gap in the iron chalcogenide superconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Fe</mml:mtext></mml:mrow><mml:mrow><mml:mn>1</mml:mr Physical Review B, 2009, 80, .	1.1	75
27	Material Development and Physical Properties of BiS₂-Based Layered Compounds. Journal of the Physical Society of Japan, 2019, 88, 041001.	0.7	70
28	Crystal structure, lattice vibrations, and superconductivity of LaO<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>F<mml:m xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mi>x</mml:mi></mml:msub></mml:math>BiS<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:	1.1	68
29	Role of the Ce valence in the coexistence of superconductivity and ferromagnetism ofCeO1â^'xFxBiS2revealed by CeL3-edge x-ray absorption spectroscopy. Physical Review B, 2014, 89, .	1.1	67
30	FeTe as a candidate material for new iron-based superconductor. Physica C: Superconductivity and Its Applications, 2009, 469, 1027-1029.	0.6	65
31	In-plane charge fluctuations in bismuth-sulfide superconductors. Physical Review B, 2015, 91, .	1.1	61
32	Coexistence of Bulk Superconductivity and Magnetism in CeO_{1â^'}<i>_x</i>F<i>_x</i>BiS₂. Journal of the Physical Society of Japan, 2015, 84, 024709.	0.7	61
33	Direct observation of nanoscale interface phase in the superconducting chalcogenide<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi mathvariant="normal">K</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:msub><mml:mi>Fe</mml:mi><mml:mrow><mml:mn>2 intrinsic phase separation. Physical Review B, 2015, 91, .	1.1	59
34	Evolution of superconductivity by oxygen annealing in FeTe _{0.8} S _{0.2}. Europhysics Letters, 2010, 90, 57002.	0.7	58
35	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>s</mml:mi></mml:math>-wave pairing in the optimally doped LaO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>0.5</mml:mn></mml:mrow></mml:msub></mml:math>F<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>0.5</mml:mn></mml:mrow></mml:msub></mml:math>BiS<mml:math	1.1	57
36	Stabilization of High-<i>T</i>_c Phase of BiS₂-Based Superconductor LaO_{0.5}F_{0.5}BiS₂ Using High-Pressure Synthesis. Journal of the Physical Society of Japan, 2014, 83, 053704.	0.7	56

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37	Superconductivity in REO_{0.5}F_{0.5}BiS₂ with high-entropy-alloy-type blocking layers. Applied Physics Express, 2018, 11, 053102.	1.1	53
38	A study of the electronic structure of FeSe_{1 âˆ’<i>x</i>}Te_{<i>x</i>}chalcogenides by Fe and Se K-edge x-ray absorption near edge structure measurements. Journal of Physics Condensed Matter, 2010, 22, 485702.	0.7	52
39	Evolution of Superconductivity in BiS₂-Based Superconductor LaO_{0.5}F_{0.5}Bi(S_{1âˆ’}<i>_x</i>Se<i>_x</i>)₂. Journal of the Physical Society of Japan, 2015, 84, 024723.	0.7	52
40	Enhancement of thermoelectric properties by Se substitution in layered bismuth-chalcogenide LaOBiS2-<i>x</i>Se<i>x</i>. Journal of Applied Physics, 2014, 116, .	1.1	51
41	Observing and Modeling the Sequential Pairwise Reactions that Drive Solidâ€State Ceramic Synthesis. Advanced Materials, 2021, 33, e2100312.	11.1	51
42	Successive Phase Transitions under High Pressure in FeTe_{0.92}. Journal of the Physical Society of Japan, 2009, 78, 083709.	0.7	50
43	Transport properties and microstructure of mono- and seven-core wires of FeSe_{1 âˆ’<i>x</i>}Te_{<i>x</i>}superconductor produced by the Fe-diffusion powder-in-tube method. Superconductor Science and Technology, 2011, 24, 105002.	1.8	50
44	Moisture-induced superconductivity in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>FeTe</mml:mtext></mml:mrow><mml:mrow><mml:mn>0.8</mm Physical Review B, 2010, 81, .	1.1	49
45	The effect of RE substitution in layered REO0.5F0.5BiS2: chemical pressure, local disorder and superconductivity. Physical Chemistry Chemical Physics, 2015, 17, 22090-22096.	1.3	48
46	Correlation between crystal structure and superconductivity in LaO0.5F0.5BiS2. Solid State Communications, 2014, 181, 1-4.	0.9	46
47	â€œCheckerboard Stripeâ€•Electronic State on Cleaved Surface of NdO_{0.7}F_{0.3}BiS₂ Probed by Scanning Tunneling Microscopy. Journal of the Physical Society of Japan, 2014, 83, 113701.	0.7	45
48	Alcoholic beverages induce superconductivity in FeTe1 âˆ’xSx. Superconductor Science and Technology, 2011, 24, 055008.	1.8	44
49	High thermoelectric performance and low thermal conductivity of densified LaOBiSSe. Applied Physics Express, 2015, 8, 111801.	1.1	43
50	Determination of local atomic displacements in CeO1âˆ’xFxBiS2system. Journal of Physics Condensed Matter, 2014, 26, 435701.	0.7	42
51	Fabrication of binary FeSe superconducting wires by diffusion process. Journal of Applied Physics, 2012, 111, .	1.1	40
52	Transport properties of single- and three-core FeSe wires fabricated by a novel chemical-transformation PIT process. Superconductor Science and Technology, 2011, 24, 125003.	1.8	38
53	Effect of Te substitution on crystal structure and transport properties of AgBiSe₂thermoelectric material. Dalton Transactions, 2018, 47, 2575-2580.	1.6	38
54	Superconductivity in oxygen-annealed FeTe1âˆ’xSx single crystal. Journal of Applied Physics, 2011, 109, 013914.	1.1	37

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55	Synthesis of RE123 high-Tc superconductors with a high-entropy-alloy-type RE site. Physica C: Superconductivity and Its Applications, 2020, 572, 1353623.	0.6	37
56	Electronic Structure of Superconducting FeSe Studied by High-Resolution Photoemission Spectroscopy. Journal of the Physical Society of Japan, 2009, 78, 034708.	0.7	36
57	Pronounced â^'Log <i>T</i> Divergence in Specific Heat of Nonmetallic CeOBiS₂: A Mother Phase of BiS₂-Based Superconductor. Journal of the Physical Society of Japan, 2015, 84, 023702.	0.7	36
58	Electrodeposition as a new route to synthesize superconducting FeSe. Solid State Communications, 2013, 154, 40-42.	0.9	35
59	Spectromicroscopy of electronic phase separation in KxFe2â^'ySe2 superconductor. Scientific Reports, 2014, 4, 5592.	1.6	35
60	Structures and optical absorption of Bi2OS2 and LaOBiS2. Solid State Communications, 2016, 227, 19-22.	0.9	35
61	Intrinsic Phase Diagram of Superconductivity in the BiCh₂-Based System Without In-Plane Disorder. Journal of the Physical Society of Japan, 2017, 86, 074701.	0.7	35
62	Superconductivity in High-Entropy-Alloy Telluride AgInSnPbBiTe₅. Journal of the Physical Society of Japan, 2019, 88, 124708.	0.7	35
63	Proximity to Fermi-surface topological change in superconducting<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>La</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mrow><mml:mn>0.54</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mi mathvariant="normal">F</mml:mi><mml:mrow><mml:mn>0.46</mml:mn></mml:mrow></mml:msub><mml:mi>Bi</mml:mi><mml:m mathvariant="normal">S</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2014, 90, .	1.1	34
64	High-temperature thermoelectric properties of novel layered bismuth-sulfide LaO1â^'xFxBiS2. Journal of Applied Physics, 2014, 115, 083909.	1.1	34
65	Evolution of Anisotropic Displacement Parameters and Superconductivity with Chemical Pressure in BiS₂-Based REO_{0.5}F_{0.5}BiS₂ (RE = La, Ce, Pr, and Nd). Journal of the Physical Society of Japan, 2018, 87, 023704.	0.7	34
66	Improvement of superconducting properties by high mixing entropy at blocking layers in BiS2-based superconductor REO0.5F0.5BiS2. Solid State Communications, 2019, 295, 43-49.	0.9	34
67	Superconductivity in CuAl₂-type Co_{0.2}Ni_{0.1}Cu_{0.1}Rh_{0.3}Ir_{0.3}Zr₂ with a high-entropy-alloy transition metal site. Materials Research Letters, 2021, 9, 141-147.	4.1	34
68	Possible Superconducting Symmetry and Magnetic Correlations in K0.8Fe2Se2: A77Se-NMR Study. Journal of the Physical Society of Japan, 2011, 80, 043708.	0.7	33
69	Chemical Pressure Effect on Superconductivity of BiS2-Based Ce1â^'xNdxO1â^'yFyBiS2 and Nd1â^'zSmzO1â^'yFyBiS2. Journal of the Physical Society of Japan, 2015, 84, 044712.	0.7	33
70	SnAs-Based Layered Superconductor NaSn₂As₂. Journal of the Physical Society of Japan, 2017, 86, 123701.	0.7	33
71	MÃ¶ssbauer studies on FeSe and FeTe. Physica C: Superconductivity and Its Applications, 2010, 470, S338-S339.	0.6	32
72	Enhancement of <i>T</i>_c by Uniaxial Lattice Contraction in BiS₂-Based Superconductor PrO_{0.5}F_{0.5}BiS₂. Journal of the Physical Society of Japan, 2014, 83, 065002.	0.7	32

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73	Structure, Superconductivity, and Magnetism of Ce(O,F)BiS2 Single Crystals. Crystal Growth and Design, 2015, 15, 39-44.	1.4	32
74	Selenium isotope effect in the layered bismuth chalcogenide superconductor LaO0.6F0.4Bi(S,Se)2. Physical Review B, 2018, 97, .	1.1	32
75	Bulk Superconductivity in Bi₄O₄S₃Revealed by Specific Heat Measurement. Journal of the Physical Society of Japan, 2012, 81, 125002.	0.7	31
76	Thermoelectric properties of new Bi-chalcogenide layered compounds. Cogent Physics, 2016, 3, .	0.7	31
77	Synthesis, structure and photocatalytic activity of layered LaOInS₂. Journal of Materials Chemistry A, 2017, 5, 14270-14277.	5.2	30
78	An efficient way of increasing the total entropy of mixing in high-entropy-alloy compounds: a case of NaCl-type (Ag,In,Pb,Bi)Te_{1âˆ’x}Se_x (<i>x</i> = 0.0, 0.25, 0.5) superconductors. Dalton Transactions, 2020, 49, 9118-9122.	1.6	30
79	Compositional and temperature evolution of crystal structure of new thermoelectric compound LaOBiS_{2âˆ’}_{<i>x</i>}Se_{<i>x</i>}. Journal of Applied Physics, 2016, 119, 155103.	1.1	29
80	Effect of rattling motion without cage structure on lattice thermal conductivity in LaOBiS2âˆ’<i>x</i>Se<i>x</i>. Applied Physics Letters, 2018, 112, .	1.5	29
81	Coexistence of ferromagnetism and superconductivity in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>CeO</mml:mi><mml:mrow><mml:mn>0.3 mathvariant="normal">F</mml:mi><mml:mrow><mml:mn>0.7</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mi>BiS</mn Physical Review B, 2014, 90, .	1.1	27
82	Soft X-ray Photoemission Study of New BiS₂-Layered Superconductor LaO_{1âˆ’}<i>_x</i>F<i>_x</i>BiS₂. Journal of the Physical Society of Japan, 2014, 83, 033703.	0.7	27
83	Bulk Superconductivity Induced by In-Plane Chemical Pressure Effect in Eu_{0.5}La_{0.5}FBiS_{2âˆ’}<i>_x</i>Se<i>_x</i>. Journal of the Physical Society of Japan, 2016, 85, 124708.	0.7	27
84	Electronic Origins of Large Thermoelectric Power Factor of LaOBiS_{2âˆ’}<i>_x</i>Se<i>_x</i>. Journal of the Physical Society of Japan, 2016, 85, 074702.	0.7	27
85	Transport Properties of Iron-Based $hbox{FeTe}_{0.5}hbox{Se}_{0.5}$ Superconducting Wire. IEEE Transactions on Applied Superconductivity, 2011, 21, 2858-2861.	1.1	26
86	Coexistence of different electronic phases in the K<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>0.8</mml:mn></mml:mrow></mml:msub></mml:math>Fe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>1.6</mml:mn></mml:mrow></mml:msub></mml:math>Se<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:	1.1	26
87	Superconducting properties of high-entropy-alloy tellurides M-Te (M: Ag, In, Cd, Sn, Sb, Pb, Bi) with a NaCl-type structure. Applied Physics Express, 2020, 13, 033001.	1.1	26
88	Crystal Structure, Electronic Structure, and Photocatalytic Activity of Oxysulfides: La₂Ta₂ZrS₂O₈, La₂Ta₂TiS₂O₈, and La₂Nb₂TiS₂O₈. Inorganic Chemistry, 2016, 55, 3674-3679.	1.9	25
89	Evolution of two-step structural phase transition in Fe1+Te detected by low-temperature x-ray diffraction. Solid State Communications, 2012, 152, 1047-1051.	0.9	24
90	Role of the local structure in superconductivity of LaO_{0.5}F_{0.5}BiS_{2âˆ’<i>x</i>}Se_{<i>x</i>} system. Journal of Physics Condensed Matter, 2017, 29, 145603.	0.7	24

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91	Electrochemical Synthesis of Iron-Based Superconductor FeSe Films. Journal of the Physical Society of Japan, 2012, 81, 043702.	0.7	23
92	Effect of high-pressure annealing on the normal-state transport of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi mathvariant="normal">LaO</mml:mi></mml:mrow><mml:mrow><mml:mn>0.5</mml:mn></mml:mrow></mml:msub><mml:msub><mr mathvariant="normal">F</mml:mi></mml:mrow><mml:mrow><mml:mn>0.5</mml:mn></mml:mrow></mml:msub><mml:msub><mml: mathvariant="normal">BiS</mml:mi></mml:mrow><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review B, 2014, 89, .	1.1	23
93	Weak Superconducting Fluctuations and Small Anisotropy of the Upper Critical Fields in an Fe_{1.05}Te_{0.85}Se_{0.15} Single Crystal. Journal of the Physical Society of Japan, 2010, 79, 074706.	0.7	22
94	Substitution effects of Ag into FeSe0.5Te0.5 superconductor. Physica C: Superconductivity and Its Applications, 2013, 484, 66-68.	0.6	22
95	Na1â^'xSn2P2 as a new member of van der Waals-type layered tin pnictide superconductors. Scientific Reports, 2018, 8, 12852.	1.6	22
96	Large local disorder in superconducting K0.8Fe1.6Se2studied by extended x-ray absorption fine structure. Journal of Physics Condensed Matter, 2012, 24, 115701.	0.7	21
97	Synthesis of new high-entropy alloy-type Nb3 (Al, Sn, Ge, Ga, Si) superconductors. Journal of Alloys and Compounds, 2021, 868, 159233.	2.8	21
98	Crystal structure, site selectivity, and electronic structure of layered chalcogenide LaOBiPbS ₃. Europhysics Letters, 2017, 119, 26002.	0.7	20
99	Anisotropic upper critical field of the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">BiS</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>-based superconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">LaO</mml:mi><mml:mrow><mml:mn>0.5</mml:mn></mml:mrow></mml:msub></mml:math><mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi	1.1	19
100	High-Pressure Synthesis and Superconductivity of Ag-Doped Topological Crystalline Insulator SnTe (Sn_{1â^'}<i>_x</i>Ag<i>_x</i>Te with <i>x</i> = 0â€"0.5). Journal of the Physical Society of Japan, 2016, 85, 053702.	0.7	19
101	Synthesis of high-entropy-alloy-type superconductors (Fe,Co,Ni,Rh,Ir)Zr2 with tunable transition temperature. Journal of Materials Science, 2021, 56, 9499-9505.	1.7	19
102	Formation Mechanism of Î²-Li₃PS₄ through Decomposition of Complexes. Inorganic Chemistry, 2021, 60, 6964-6970.	1.9	19
103	Enhancement of superconducting properties in FeSe wires using a quenching technique. Journal of Applied Physics, 2012, 111, 013912.	1.1	18
104	Synthesis, Crystal Structure, and Physical Properties of New Layered Oxychalcogenide La₂O₂Bi₃AgS₆. Journal of the Physical Society of Japan, 2017, 86, 124802.	0.7	18
105	Superconductivity in PbO-type Fe chalcogenides. Zeitschrift FÃ¼r Kristallographie, 2011, 226, .	1.1	17
106	Evolution of Eu valence and superconductivity in layered <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Eu</mml:mi><mml:mrow><mml:mn>0.5</m system. Physical Review B, 2017, 95, .	1.1	17
107	Evidence for <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>s</mml:mi></mml:math> -wave pairing with atomic scale disorder in the van der Waals superconductor <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>NaSn</mml:mi><mml:mn>2</mml:mn></m Physical Review B, 2018, 98, .	1.1	17
108	Superconductivity in Layered Oxychalcogenide La₂O₂Bi₃AgS₆. Journal of the Physical Society of Japan, 2018, 87, 083704.	0.7	17

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109	Chemical pressure effect on Tc in BiS2-based Ce1âˆ’Nd O0.5F0.5BiS2. Physica C: Superconductivity and Its Applications, 2014, 504, 33-35.	0.6	16
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