Weiwei Xie

List of Publications by Year
in descending order

125	3,062	218677	182427
papers	citations	26 h-index	51 g-index

133	133	133	4328
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Glassy magnetic ground state in layered compound MnSb2Te4. Science China Materials, 2022, 65, 477-485.	6.3	12
2	Evidence of magnetism-induced topological protection in the axion insulator candidate EuSn ₂ P ₂. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	12
3	Crystal Defect Doping on Antiferromagnetic Topological Insulator Candidate EuMg₂Bi₂. Journal of Physical Chemistry C, 2022, 126, 737-742.	3.1	6
4	Multiple mobile excitons manifested as sidebands in quasi-one-dimensional metallic TaSe3. Nature Materials, 2022, 21, 423-429.	27.5	8
5	Spin Reorientation in Antiferromagnetic MnPd₅Se with an Anti-CeCoIn₅ Structure Type. Inorganic Chemistry, 2022, 61, 3981-3988.	4.0	2
6	Unusual Electrical and Magnetic Properties in Layered EuZn₂As₂. Advanced Quantum Technologies, 2022, 5, .	3.9	15
7	Eu₂Mg₃Bi₄: Competing Magnetic Orders on a Buckled Honeycomb Lattice. Chemistry of Materials, 2022, 34, 3902-3909.	6.7	0
8	Drastic enhancement of magnetic critical temperature and amorphization in topological magnet EuSn2P2 under pressure. Npj Quantum Materials, 2022, 7, .	5.2	9
9	The non-centrosymmetric layered compounds IrTe₂I and RhTe₂I. Dalton Transactions, 2022, 51, 8688-8694.	3.3	1
10	Eu₅Al₃Sb₆: Al₄ Tetrahedra Embedded in a Rock-Salt-Like Structure. Chemistry of Materials, 2022, 34, 5009-5019.	6.7	0
11	Fe_{3â€“x}InSn_xO₆ (x = 0, 0.25, or 0.5): A Family of Corundum Derivatives with Sn-Induced Polarization and Above Room Temperature Antiferromagnetic Ordering. Chemistry of Materials, 2022, 34, 5020-5029.	6.7	2
12	LiYbSe₂: Frustrated Magnetism in the Pyrochlore Lattice. Journal of the American Chemical Society, 2022, 144, 11933-11937.	13.7	15
13	Antiferromagnetic to Ferromagnetic Coupling Crossover in Hybrid Nickel Chain Perovskites. Inorganic Chemistry, 2022, 61, 10486-10492.	4.0	4
14	Nblr 2 B 2 and Talr 2 B 2 â€“ New Low Symmetry Noncentrosymmetric Superconductors with Strong Spinâ€“Orbit Coupling. Advanced Functional Materials, 2021, 31, 2007960.	14.9	18
15	Mn-induced spin glass behavior in metallic Ir₃Sn_{7â^'x}Mn_x. Journal of Physics Condensed Matter, 2021, 33, 135701.	1.8	1
16	Annihilation and Control of Chiral Domain Walls with Magnetic Fields. Nano Letters, 2021, 21, 1205-1212.	9.1	15
17	Topological Hall effect and magnetic states in the Nowotny chimney ladder compound Cr11Ge19. Physical Review B, 2021, 103, .	3.2	3
18	Chemistry in Superconductors. Chemical Reviews, 2021, 121, 2966-2991.	47.7	27

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19	Quasi-two-dimensional relativistic fermions probed by de Haasâ€“van Alphen quantum oscillations in LuSn2. Physical Review B, 2021, 103, .	3.2	2
20	Surface charge induced Dirac band splitting in a charge density wave material <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mrow><mml:mo>(</mml:mo><mml:mrow><mml:mn mathvariant="normal">I</mml:mi></mml:mrow></mml:math>. Physical Review Research, 2021, 3, .	3.6	13
21	Introduction: Quantum Materials. Chemical Reviews, 2021, 121, 2777-2779.	47.7	32
22	Superconductivity in the Endohedral Ga Cluster Compound PdGa₅. Journal of Physical Chemistry C, 2021, 125, 11294-11299.	3.1	5
23	The crystal structures and magnetic properties of TiFeSi coexisting in hexagonal and orthorhombic symmetries. Journal of Alloys and Compounds, 2021, 864, 158617.	5.5	4
24	Anomalous Hall effect in the distorted kagome magnets (Nd,Sm) <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Mn</mml:mi><mml:mn>6</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">Sn</mml:mi><mml:mn>6</mml:mn></mml:msub></mml:math>. Physical Review B, 2021, 103, .	3.2	17
25	Decoding defect ordering from ADF-STEM images of van der Waals CrGa2Te7 ferromagnetic crystals using the unsupervised machine learning algorithm. Microscopy and Microanalysis, 2021, 27, 710-711.	0.4	0
26	High-pressure insulating phase of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">Mo</mml:mi><mml:mn>4</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>11</mml:mn></mml:msub></mml:math> with collapsed volume. Physical Review B, 2021, 104, .	3.2	1
27	Spin Reorientation in Antiferromagnetic Layered FePt₅P. ACS Applied Electronic Materials, 2021, 3, 3501-3508.	4.3	8
28	Magnetic and electronic structures of antiferromagnetic topological material candidate EuMg2Bi2. Journal of Applied Physics, 2021, 129, .	2.5	19
29	Chemical Bonding Governs Complex Magnetism in MnPt₅P. Inorganic Chemistry, 2021, 60, 87-96.	4.0	9
30	Theoretical investigations of hydrogen absorption in the A15 intermetallics Ti₃Sb and Ti₃Ir. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2021, 76, 819-826.	0.7	0
31	A stretchable solid-state zinc ion battery based on a cellulose nanofiberâ€“polyacrylamide hydrogel electrolyte and a Mg_{0.23}V₂O₅Â·1.0H₂O cathode. Journal of Materials Chemistry A, 2020, 8, 18327-18337.	10.3	66
32	Evidence for topological semimetallicity in a chain-compound TaSe3. Npj Quantum Materials, 2020, 5, .	5.2	20
33	Li₄Ru₂OCl₁₀Â·10H₂O: crystal structure, magnetic properties and bonding interactions in ruthenium-oxo complexes. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2020, 76, 884-891.	1.1	1
34	Crystal structure and physical properties of AePd1-P1+ (Ae = Ca, Sr). Materials Today Communications, 2020, 25, 101284.	1.9	0
35	Bond-breaking induced Lifshitz transition in robust Dirac semimetal VAl ₃. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 15517-15523.	7.1	8
36	Canted Eu magnetic structure in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>EuMnS</mml:mi><mml:msub><mml:mi mathvariant="normal">b</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2020, 101, .	3.2	24

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37	Superconductivity on a Bi Square Net in LiBi. Chemistry of Materials, 2020, 32, 3150-3159.	6.7	11
38	Enhanced anomalous Hall effect in the magnetic topological semimetal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Co</mml:mi><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi>Sn</mml:mi><mml:mrow><mml:mn>2</mml:mn><mml:mo>â€²</mml:mo></mml:mrow></mml:msub><mml:msub><mml:mi mathvariant="normal">S</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2020, 101, .	3.2	31
39	A Novel Magnetic Material by Design: Observation of Yb³⁺ with Spin-1/2 in Yb_xPt₅P. ACS Central Science, 2020, 6, 2023-2030.	11.3	8
40	Phase-Pure Copper Vanadate (Î±-CuV₂O₆): Solution Combustion Synthesis and Characterization. Chemistry of Materials, 2020, 32, 6247-6255.	6.7	27
41	Evidence from transport measurements for YRh6Ge4 being a triply degenerate nodal semimetal. Physical Review B, 2020, 101, .	3.2	4
42	Crystal Structure, Magnetism, and Electronic Properties of a Rare-Earth-Free Ferromagnet: MnPt₅As. Chemistry of Materials, 2020, 32, 3922-3929.	6.7	15
43	RuAl₆â€”An Endohedral Aluminide Superconductor. Chemistry of Materials, 2020, 32, 3805-3812.	6.7	10
44	Superconductivity in Metal-Rich Chalcogenide Ta₂Se. Inorganic Chemistry, 2020, 59, 5798-5802.	4.0	8
45	Crystal Structures, Superconducting Properties, and the Coloring Problem in ReAlSi and ReGaSi. Inorganic Chemistry, 2020, 59, 17310-17319.	4.0	5
46	Structural distortion and incommensurate noncollinear magnetism in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>EuAg</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review Materials, 2020, 4, .	2.4	10
47	Pressure-induced superconductivity in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>A</mml:mi><mml:msub><mml:mi>Pd</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">P</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> () Tj ETQq1 1 0.784314 rgBT /Over	2.4	7
48	Crystal growth and quantum oscillations in the topological chiral semimetal CoSi. Physical Review B, 2019, 100, .	3.2	48
49	Crystal structure and physical properties of a novel ternary compound La15Mo Ge9. Chemical Physics Letters, 2019, 730, 612-616.	2.6	1
50	Pressure-Induced Large Volume Collapse, Plane-to-Chain, Insulator to Metal Transition in CaMn₂Bi₂. Inorganic Chemistry, 2019, 58, 8933-8937.	4.0	8
51	Highly mobile carriers in a candidate of quasi-two-dimensional topological semimetal AuTe2Br. APL Materials, 2019, 7, 101110.	5.1	6
52	Low-Dimensional Magnetic Semimetal Cr_{0.65}Al_{1.35}Se₃. Inorganic Chemistry, 2019, 58, 13960-13968.	4.0	0
53	Consequences of magnetic ordering in chiral <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">M</mml:mi><mml:msub><mml:mi mathvariant="normal">n</mml:mi><mml:mrow><mml:mn>1</mml:mn><mml:mo>/</mml:mo><mml:mn>3</mml:mn></mml:mrow></mml:msub><mml:msub><mml:mi mathvariant="normal">S</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2019, 100, .	3.2	33
54	Antiferromagnetic semiconductor Eu3Sn2P4 with Snâ€“Sn dimer and crown-wrapped Eu. Journal of Materials Chemistry C, 2019, 7, 12650-12656.	5.5	5

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55	Crystal structure, chemical bonding, and physical properties of layered AIrSn2 (Aâ€‰=â€‰Sr and Ba). Journal of Materials Science, 2019, 54, 11127-11133.	3.7	3
56	Pt-rich intermetallic APt8P2 (AÂ= Ca and La). Journal of Alloys and Compounds, 2019, 798, 53-58.	5.5	2
57	A New Magnetic Topological Quantum Material Candidate by Design. ACS Central Science, 2019, 5, 900-910.	11.3	63
58	Topological chiral crystals with helicoid-arc quantum states. Nature, 2019, 567, 500-505.	27.8	249
59	Synthesis and physical properties of the 10.6 K ferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Nd</mml:mi><mml:msub><mml:mi>Ir</mml:mi><mml:mi>In</mml:mi></mml:msub><mml:msub><mml:mi>Si</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2019, 99, .	3.2	4
60	Enhanced NÃ©el temperature in EuSnP under pressure. Dalton Transactions, 2019, 48, 5327-5334.	3.3	3
61	Importance of Specific Heat Characterization when Reporting New Superconductors: An Example of Superconductivity in LiGa₂Rh. Chemistry of Materials, 2019, 31, 2164-2173.	6.7	18
62	Triangular Rare-Earth Lattice Materials RbBaR(BO₃)₂ (R = Y,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Chemistry, 2019, 58, 3308-3315.	4.0	25
63	New Tetragonal ReGa5(M) (M = Sn, Pb, Bi) Single Crystals Grown from Delicate Electrons Changing. Crystals, 2019, 9, 527.	2.2	1
64	Geometric and Magnetic Structures of K₂ReI₆ as an Antiferromagnetic Insulator with Ferromagnetic Spin-Canting Originated from Spinâ^'Orbit Coupling. Journal of Physical Chemistry C, 2019, 123, 1645-1652.	3.1	1
65	Realization of a Typeâ€II Nodalâ€Line Semimetal in Mg₃Bi₂. Advanced Science, 2019, 6, 1800897.	11.2	84
66	Structure, chromium vacancies, and magnetism in a <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">C</mml:mi><mml:msub><mml:mi mathvariant="normal">r</mml:mi><mml:mrow><mml:mn>12</mml:mn><mml:mo>â^'</mml:mo><mml:mi>x</mml:mi></mml:mrow></mml:msub><mml:msub><mml:mi mathvariant="normal">T</mml:mi><mml:msub><mml:mi mathvariant="normal">e</mml:mi><mml:mn>16</mml:mn></mml:msub></mml:mrow></mml:math> comp	2.4	6
67	Ternary Bismuthide SrPtBi₂: Computation and Experiment in Synergism to Explore Solid-State Materials. Journal of Physical Chemistry C, 2018, 122, 5057-5063.	3.1	4
68	Quantum oscillation evidence for a topological semimetal phase in ZrSnTe. Physical Review B, 2018, 97, .	3.2	22
69	Electron counts, structural stability, and magnetism in BaCuSn2-CeNi1-Si2-type YT Ge2 (T= Cr, Mn, Fe,) Tj ETQq1 1 0.784314 rgBT /Ov	5.5	4
70	Ptâ€“Bi Antibonding Interaction: The Key Factor for Superconductivity in Monoclinic BaPt₂Bi₂. Inorganic Chemistry, 2018, 57, 1698-1701.	4.0	6
71	TaRh ₂ B ₂ and NbRh ₂ B ₂ : Superconductors with a chiral noncentrosymmetric crystal structure. Science Advances, 2018, 4, eaar7969.	10.3	73
72	A novel dual phase membrane 40 wt% Nd_{0.6}Sr_{0.4}CoO_{3â^'Î´}â€“60 wt% Ce_{0.9}Nd_{0.1}O_{2â^'Î´}: design, synthesis and properties. Journal of Materials Chemistry A, 2018, 6, 84-92.	10.3	32

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73	Topological phases in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>TaSe</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math> compound. Physical Review B, 2018, 98, .	3.2	44
74	Mn-induced Ferromagnetic Semiconducting Behavior with Linear Negative Magnetoresistance in Sr4(Ru1â^'xMnx)3O10 Single Crystals. Scientific Reports, 2018, 8, 13330.	3.3	3
75	Cr_{2.37}Ga₃Se₈: A Quasi-Two-Dimensional Magnetic Semiconductor. Inorganic Chemistry, 2018, 57, 14298-14303.	4.0	3
76	La15NbxGe9: a superstructure of the Mn5Si3 structure type with interstitial Nb atoms. Journal of Solid State Chemistry, 2018, 265, 50-54.	2.9	2
77	Multiple topologically nontrivial bands in noncentrosymmetric YSn2. Physical Review B, 2018, 98, .	3.2	4
78	Evidence for a conducting surface ground state in high-quality single crystalline FeSi. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 8558-8562.	7.1	24
79	Superconducting SrSnP with Strong Snâ€“P Antibonding Interaction: Is the Sn Atom Single or Mixed Valent?. Chemistry of Materials, 2018, 30, 6005-6013.	6.7	11
80	Multiple topological electronic phases in superconductor MoC. Physical Review Materials, 2018, 2, .	2.4	10
81	Geometrically frustrated trimer-based Mott insulator. Physical Review Materials, 2018, 2, .	2.4	15
82	Electrical anisotropy and coexistence of structural transitions and superconductivity in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>IrT</mml:mi><mml:msub><mml:mi mathvariant="normal">e</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2017, 95, .	3.2	12
83	111-Type Semiconductor ReGaSi Follows 14eâ€“ Rules. Inorganic Chemistry, 2017, 56, 5165-5172.	4.0	10
84	A tetragonal polymorph of SrMn₂P₂made under high pressure â€“ theory and experiment in harmony. Dalton Transactions, 2017, 46, 6835-6838.	3.3	6
85	Direct optical detection of Weyl fermion chirality in a topological semimetal. Nature Physics, 2017, 13, 842-847.	16.7	291
86	Growth, Crystal Structure and Magnetic Characterization of Zn-Stabilized CePtIn₄. Journal of the Physical Society of Japan, 2017, 86, 084710.	1.6	2
87	New Ïƒ-phases in the Nbâ€“Xâ€“Ga and Nbâ€“Xâ€“Al systems (X = Ru, Rh, Pd, Ir, Pt, and Au). Dalton Transactions, 2017, 46, 14158-14163.	3.3	1
88	Interfacial Ring-Opening Polymerization of Amino-Acid-Derived N-Thiocarboxyanhydrides Toward Well-Defined Polypeptides. ACS Macro Letters, 2017, 6, 836-840.	4.8	41
89	Co₃O_{4â€“x}-Carbon@Fe_{2â€“y}Co_yO₃ Heterostructural Hollow Polyhedrons for the Oxygen Evolution Reaction. ACS Applied Materials & Interfaces, 2017, 9, 28642-28649.	8.0	71
90	Packing of Russian doll clusters to form a nanometer-scale CsCl-type compound in a Crâ€“Znâ€“Sn complex metallic alloy. Journal of Materials Chemistry C, 2017, 5, 7215-7221.	5.5	6

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91	Superconductivity in a new intermetallic structure type based on endohedral <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Ta</mml:mi><mml:mo>@</mml:mo><mml:mi mathvariant="normal">I</mml:mi><mml:msub><mml:mi mathvariant="normal">r</mml:mi><mml:mn>7</mml:mn></mml:msub><mml:mi mathvariant="normal">G</mml:mi><mml:msub><mml:mi mathvariant="normal">e</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:mrow></mml:math> clusters	3.2	16
92	Magnetic order induces symmetry breaking in the single-crystalline orthorhombic CuMnAs semimetal. Physical Review B, 2017, 96, .	3.2	22
93	Monoclinic 122-Type BaIr2Ge2 with a Channel Framework: A Structural Connection between Clathrate and Layered Compounds. Materials, 2017, 10, 818.	2.9	4
94	Structure-Property Correlations and Superconductivity in Spinels. , 2017, , .		1
95	Prediction of nontrivial band topology and superconductivity in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi mathvariant="normal">M</mml:mi><mml:msub><mml:mi mathvariant="normal">g</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi>Pb</mml:mi></mml:mrow></mml:math>. Physical Review Materials, 2017, 1, .	2.4	8
96	Superconductivity in the Nb-Ru-Ge <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Ïƒ</mml:mi></mml:math> phase. Physical Review Materials, 2017, 1, .	2.4	2
97	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>MoTe</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>: A Type-II Weyl Topological Metal. Physical Review Letters, 2016, 117, 056805.	7.8	351
98	Composite Icosahedron/Cube Endohedral Clusters in Rh2Cd15. Inorganic Chemistry, 2016, 55, 7605-7609.	4.0	6
99	Crystal structure and physical properties of new Ca2TGe3 (T = Pd and Pt) germanides. Journal of Solid State Chemistry, 2016, 243, 95-100.	2.9	6
100	Superconductivity in a Misfit Phase That Combines the Topological Crystalline Insulator Pb1â^'xSnxSe with the CDW-Bearing Transition Metal Dichalcogenide TiSe2. Journal of the Physical Society of Japan, 2016, 85, 064705.	1.6	9
101	Superconducting properties of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Rh</mml:mi><mml:mn>9</mml:mn></mml:msub><mml:mi mathvariant="normal">S</mml:mi><mml:mn>4</mml:mn></mml:mrow></mml:math>single crystals. Physical Review B, 2016, 93, .	3.2	7
102	Synthesis and Oxidation Catalysis of [Tris(oxazolinyl)borato]cobalt(II) Scorpionates. European Journal of Inorganic Chemistry, 2016, 2016, 2486-2494.	2.0	18
103	Ternary rare earth silicides RE2M3Si4(RE = Sc, Y, Lu; M = Mo, W): crystal structure, coloring and electronic properties. Dalton Transactions, 2016, 45, 3771-3777.	3.3	0
104	The New Superconductor tP-SrPd₂Bi₂: Structural Polymorphism and Superconductivity in Intermetallics. Inorganic Chemistry, 2016, 55, 3203-3205.	4.0	11
105	Influence of structural distortions on the Ir magnetism in Ba2â^'xSrxYIrO6 double perovskites. Solid State Communications, 2016, 236, 37-40.	1.9	29
106	Synthesis, Structure, and Basic Magnetic and Thermoelectric Properties of the Light Lanthanide Aurobismuthides. Inorganic Chemistry, 2016, 55, 3583-3588.	4.0	5
107	Differences in Chemical Doping Matter: Superconductivity in Ti_{1â€“x}Ta_xSe₂ but Not in Ti_{1â€“x}Nb_xSe₂. Chemistry of Materials, 2016, 28, 1927-1935.	6.7	40
108	Superconductivity versus structural phase transition in the closely related<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Bi</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi mathvariant="normal">S</mml:mi><mml:mn>2</mml:mn></mml:mrow></mml:math>and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Bi</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> Physical Review B, 2015, 91, .	3.2	16

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109	Î³â€Brasses with Spontaneous Magnetization: Atom Site Preferences and Magnetism in the Feâ€Zn and Feâ€Pdâ€Zn Phase Spaces. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 270-278.	1.2	19
110	Endohedral gallide cluster superconductors and superconductivity in ReGa ₅. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E7048-54.	7.1	46
111	Goldâ€“Gold Bonding: The Key to Stabilizing the 19-Electron Ternary Phases LnAuSb (Ln =) Tj ETQq1 1 0.784314 rgBT /Ov	13.7	30
112	Fragment-Based Design of NbRuB as a New Metal-Rich Boride Superconductor. Chemistry of Materials, 2015, 27, 1149-1152.	6.7	27
113	Structure and magnetic properties of the REAuBi2 (RE=Laâ€“Nd, Sm) phases. Journal of Solid State Chemistry, 2015, 230, 318-324.	2.9	18
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121	A new form of Ca3P2 with a ring of Dirac nodes. APL Materials, 2015, 3, .	5.1	287
122	Cr-Doped TiSe₂ â€“ A Layered Dichalcogenide Spin Glass. Chemistry of Materials, 2015, 27, 6810-6817.	6.7	24
123	High-Temperature Thermoelectric Properties of the Solidâ€“Solution Zintl Phase Eu11Cd6Sb12â€“xAsx (x <) Tj ETQq1 1 0.784314 rgBT	6.7	32
124	New Coâ€“Pdâ€“Zn Î³-Brasses with Dilute Ferrimagnetism and Co₂Zn₁₁ Revisited: Establishing the Synergism between Theory and Experiment. Chemistry of Materials, 2014, 26, 2624-2634.	6.7	23
125	Î²-Mn-Type Co_{8+x}Zn_{12â€“x} as a Defect Cubic Laves Phase: Site Preferences, Magnetism, and Electronic Structure. Inorganic Chemistry, 2013, 52, 9399-9408.	4.0	34