Yoshitaka Matsushita

List of Publications by Year
in descending order

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281	7,790	61945	76872
papers	citations	43 h-index	74 g-index

323	323	323	8934
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Control over differentiation of a metastable supramolecular assembly in one and two dimensions. Nature Chemistry, 2017, 9, 493-499.	6.6	408
2	An oxyhydride of BaTiO3 exhibiting hydride exchange and electronic conductivity. Nature Materials, 2012, 11, 507-511.	13.3	251
3	General Synthesis and Structural Evolution of a Layered Family of Ln₈(OH)₂₀Cl₄Â·nH₂O (Ln = Nd, Sm, Eu, Gd, Tb,) Tj ETQq1 1 0.784314 rgBT	6.6	234
4	Î±- and Î²-A2Hg3M2S8(A = K, Rb; M = Ge, Sn):Â Polar Quaternary Chalcogenides with Strong Nonlinear Optical Response. Journal of the American Chemical Society, 2003, 125, 9484-9493.	6.6	199
5	Epitaxial growth of phase-pure Îµ-Ga2O3 by halide vapor phase epitaxy. Journal of Applied Physics, 2015, 118, .	1.1	188
6	New Layered Rareâ€Earth Hydroxides with Anionâ€Exchange Properties. Chemistry - A European Journal, 2008, 14, 9255-9260.	1.7	173
7	Superconductivity and Structural Phase Transitions in Caged Compounds RT₂Zn₂₀ (R = La, Pr, T = Ru, Ir). Journal of the Physical Society of Japan, 2010, 79, 033704.	0.7	160
8	Structural Disorder and Diffusional Pathway of Oxide Ions in a Doped Pr₂NiO₄-Based Mixed Conductor. Journal of the American Chemical Society, 2008, 130, 2762-2763.	6.6	159
9	BaFeO₃: A Ferromagnetic Iron Oxide. Angewandte Chemie - International Edition, 2011, 50, 12547-12550.	7.2	153
10	Large Magnetostriction from Morphotropic Phase Boundary in Ferromagnets. Physical Review Letters, 2010, 104, 197201.	2.9	148
11	New Pyrochlore Oxide Superconductor RbOs2O6. Journal of the Physical Society of Japan, 2004, 73, 819-821.	0.7	145
12	Rotational symmetry breaking in the topological superconductor SrxBi2Se3 probed by upper-critical field experiments. Scientific Reports, 2016, 6, 28632.	1.6	131
13	Present Status of the NIMS Contract Beamline BL15XU at SPring-8. AIP Conference Proceedings, 2010, , .	0.3	127
14	High-Temperature Ferrimagnetism Driven by Lattice Distortion in Double Perovskite Ca₂FeOsO₆. Journal of the American Chemical Society, 2014, 136, 3326-3329.	6.6	122
15	Diffusion Path of Oxide Ions in an Apatite-Type Ionic Conductor La_{9.69}(Si_{5.70}Mg_{0.30})O_{26.24}. Chemistry of Materials, 2008, 20, 5203-5208.	3.2	111
16	Synthesis and Properties of Well-Crystallized Layered Rare-Earth Hydroxide Nitrates from Homogeneous Precipitation. Inorganic Chemistry, 2009, 48, 6724-6730.	1.9	110
17	Synthesis of Nanostructured Reduced Titanium Oxide: Crystal Structure Transformation Maintaining Nanomorphology. Angewandte Chemie - International Edition, 2011, 50, 7418-7421.	7.2	110
18	Na Doping in PbTe: Solubility, Band Convergence, Phase Boundary Mapping, and Thermoelectric Properties. Journal of the American Chemical Society, 2020, 142, 15464-15475.	6.6	101

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19	Simultaneous superconducting and antiferroquadrupolar transitions in PrRh<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>Zn<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>20</mml:mn></mml:msub></mml:math>. Physical Review B, 2012, 86, .	1.1	96
20	Origin of zero and negative thermal expansion in severely-deformed superelastic NiTi alloy. Acta Materialia, 2017, 124, 79-92.	3.8	94
21	Superconductivity in BaTi₂Sb₂O with ad¹Square Lattice. Journal of the Physical Society of Japan, 2012, 81, 103706.	0.7	85
22	Oxyhydrides of (Ca,Sr,Ba)TiO₃ Perovskite Solid Solutions. Inorganic Chemistry, 2012, 51, 11371-11376.	1.9	78
23	Development of a synchrotron powder diffractometer with a one-dimensional X-ray detector for analysis of advanced materials. Journal of the Ceramic Society of Japan, 2013, 121, 287-290.	0.5	75
24	Synchrotron X-ray, Photoluminescence, and Quantum Chemistry Studies of Bismuth-Embedded Dehydrated Zeolite Y. Journal of the American Chemical Society, 2012, 134, 2918-2921.	6.6	64
25	Magnetic refrigeration material operating at a full temperature range required for hydrogen liquefaction. Nature Communications, 2022, 13, 1817.	5.8	64
26	High-Pressure Synthesis, Crystal Structures, and Magnetic Properties of 5d Double-Perovskite Oxides Ca₂MgOsO₆ and Sr₂MgOsO₆. Inorganic Chemistry, 2015, 54, 3422-3431.	1.9	61
27	Carrier generation and electronic properties of a single-component pure organic metal. Nature Materials, 2017, 16, 109-114.	13.3	60
28	Structure and Physical Properties of 1D Magnetic Chalcogenide, Jamesonite (FePb4Sb6S14)â€. Inorganic Chemistry, 2003, 42, 7830-7838.	1.9	58
29	Large decrease in the critical temperature of superconductingLaFeAsO0.85compounds doped with 3% atomic weight of nonmagnetic Zn impurities. Physical Review B, 2010, 82, .	1.1	58
30	High-Pressure Synthesis of 5d Cubic Perovskite BaOsO₃ at 17 GPa: Ferromagnetic Evolution over 3d to 5d Series. Journal of the American Chemical Society, 2013, 135, 16507-16516.	6.6	58
31	Growth, physicochemical and quantum chemical investigations on 2-amino 5-chloropyridinium 4-carboxybutanoate â€“ an organic crystal for biological and optoelectronic device applications. RSC Advances, 2016, 6, 110884-110897.	1.7	58
32	Indiumâ€Based Perovskites: A New Class of Nearâ€Roomâ€Temperature Multiferroics. Angewandte Chemie - International Edition, 2009, 48, 6117-6120.	7.2	57
33	Flux crystal growth and thermal stabilities of LiV2O4. Nature Materials, 2005, 4, 845-850.	13.3	56
34	Crystal structure and magnetic properties of 6<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>H</mml:mi></mml:math>-SrMnO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>. Physical Review B, 2013, 84, .	1.1	55
35	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" mathvariant="normal">B</mml:mi><mml:msub><mml:mi mathvariant="normal">a</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi>NiOs</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>6</mml:mn></mml:msub></mml:mrow></mml:math> : A Dirac-Mott insulator with ferromagnetism near 100 K. Physical Review B, 2016, 94, .	1.1	55
36	Heavy-Fermion-like State in a Transition Metal OxideLiV2O4Single Crystal: Indication of Kondo Resonance in the Photoemission Spectrum. Physical Review Letters, 2006, 96, 026403.	2.9	52

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37	CaPtO3 as a novel post-perovskite oxide. Physics and Chemistry of Minerals, 2008, 35, 189-195.	0.3	52
38	An Antiferro-to-Ferromagnetic Transition in EuTiO_{3â€“x}H_x Induced by Hydride Substitution. Inorganic Chemistry, 2015, 54, 1501-1507.	1.9	52
39	Doped-carbon electrocatalysts with trimodal porosity from a homogeneous polypeptide gel. Journal of Materials Chemistry A, 2013, 1, 13576.	5.2	51
40	Large negative magnetoresistance of a nearly Dirac material: Layered antimonide <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, 2017, 96, .	1.1	50
41	Parboiling reduced the crystallinity and in vitro digestibility of non-waxy short grain rice. Food Chemistry, 2018, 257, 23-28.	4.2	50
42	Synthesis and photoluminescence of a novel Sr-SiAlON:Eu2+ blue-green phosphor (Sr14Si68â^'sAl6+sOsN106â^'s:Eu2+ (sâ‰ˆ7)). Journal of Alloys and Compounds, 2011, 509, 332-337.	2.8	47
43	Synthesis and Structure of Li4GeS4 a. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1998, 53, 23-30.	0.3	46
44	Mechanism of Enhanced Optical Second-Harmonic Generation in the Conducting Pyrochlore-Type<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>Pb</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi>Ir</mml:mi><mml:mn mathvariant="bold">O</mml:mi><mml:mrow><mml:mn>7</mml:mn><mml:mtext mathvariant="bold">â^'</mml:mtext><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:math>Oxide Compound. Physical Review Letters, 2013, 110, 187402.	2.9	44
45	High-Pressure Synthesis, Crystal Structures, and Properties of CdMn₇O₁₂ and SrMn₇O₁₂ Perovskites. Inorganic Chemistry, 2015, 54, 9081-9091.	1.9	44
46	High-pressure high-temperature transitions in MgCr2O4 and crystal structures of new Mg2Cr2O5 and post-spinel MgCr2O4 phases with implications for ultrahigh-pressure chromitites in ophiolites. American Mineralogist, 2015, 100, 59-65.	0.9	43
47	Crystallographic features related to a van der Waals coupling in the layered chalcogenide FePS3. Journal of Applied Physics, 2016, 120, .	1.1	41
48	New layered cobalt oxyfluoride, Sr₂CoO₃F. Chemical Communications, 2011, 47, 3263-3265.	2.2	39
49	Antiferromagnetic order is possible in ternary quasicrystal approximants. Physical Review B, 2018, 98, .	1.1	38
50	A strategy of designing high-entropy alloys with high-temperature shape memory effect. Scientific Reports, 2019, 9, 13140.	1.6	38
51	Impact of the isotropic phase boundary on the magnetostriction of ferromagnetic Tb<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><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>Gd<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mi>x</mml:mi></mml:msub></mml:math>Co<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow	1.1	37
52	La₃Ga₃Ge₂S₃O₁₀: An Ultraviolet Nonlinear Optical Oxysulfide Designed by Anionâ€Directed Band Gap Engineering. Angewandte Chemie - International Edition, 2021, 60, 26561-26565.	7.2	37
53	(In_{1â^'y}Mn_y)MnO₃ (1/9â‰¤yâ‰¤1/3): Unusual Perovskites with Unusual Properties. Angewandte Chemie - International Edition, 2010, 49, 7723-7727.	7.2	36
54	Crystal structure and electron density in the apatite-type ionic conductor La9.71(Si5.81Mg0.18)O26.37. Journal of Solid State Chemistry, 2009, 182, 2846-2851.	1.4	35

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55	Solidâ€“liquid interface synthesis of microcrystalline porous coordination networks. Chemical Communications, 2010, 46, 6515.	2.2	35
56	Crystal Structures and Properties of Perovskites ScCrO3 and InCrO3 with Small Ions at the A Site. Chemistry of Materials, 2012, 24, 2197-2203.	3.2	35
57	NMR, ESR, and Luminescence Characterization of Bismuth Embedded Zeolites Y. Journal of Physical Chemistry C, 2013, 117, 6399-6408.	1.5	35
58	Sc₂NiMnO₆: A Double-Perovskite with a Magnetodielectric Response Driven by Multiple Magnetic Orders. Inorganic Chemistry, 2015, 54, 8012-8021.	1.9	35
59	Site selectivity on chalcogen atoms in superconducting La(O,F)BiSSe. Applied Physics Letters, 2015, 106, .	1.5	35
60	Selective Trapping of Labile S3 in a Porous Coordination Network and the Direct X-ray Observation. Journal of the American Chemical Society, 2013, 135, 11449-11452.	6.6	34
61	Synthesis, Crystal Structure, and Photoluminescence of Srâ€“â€“SiAlON:Eu²⁺. Journal of the American Ceramic Society, 2010, 93, 465-469.	1.9	33
62	Structural Study of a Series of Layered Rare-Earth Hydroxide Sulfates. Inorganic Chemistry, 2011, 50, 6667-6672.	1.9	33
63	First single crystal growth and structural analysis of superconducting layered bismuth oxyselenide; La(O,F)BiSe2. Journal of Solid State Chemistry, 2014, 219, 168-172.	1.4	33
64	Growth and optical properties of (Y_{1â^'x}Gd_x)₃Al₅O₁₂:Ce single crystal phosphors for high-brightness neutral white LEDs and LDs. CrystEngComm, 2016, 18, 4799-4806.	1.3	33
65	Electrical, optical, and thermoelectric properties of Ga2O3(ZnO)9. RSC Advances, 2011, 1, 1788.	1.7	31
66	Unusual Magnetic State with Dual Magnetic Excitations in the Single Crystal of S = 1/2 Kagome Lattice Antiferromagnet CaCu₃(OH)₆Cl₂ â^™ 0.6H₂O. Journal of the Physical Society of Japan, 2017, 86, 033704.	0.7	30
67	New members of layered oxychloride perovskites with square planar coordination: Sr2MO2Cl2 (M =) Tj ETQq1 1 0.784314 rgBT /Over	2.2	29
68	Unconventional Luminescent Centers in Metastable Phases Created by Topochemical Reduction Reactions. Angewandte Chemie - International Edition, 2016, 55, 4967-4971.	7.2	29
69	Five-Fold Ordering in High-Pressure Perovskites RMn₃O₆ (R = Gdâ€“Tm and Y). Inorganic Chemistry, 2017, 56, 5210-5218.	1.9	29
70	Topotactic reduction of oxide nanomaterials: unique structure and electronic properties of reduced TiO₂nanoparticles. Materials Horizons, 2014, 1, 106-110.	6.4	28
71	Water-based solâ€“gel synthesis and crystal structure refinement of lanthanum silicate apatite. Solid State Ionics, 2008, 179, 2209-2215.	1.3	27
72	Topotactic Synthesis and Crystal Structure of a Highly Fluorinated Ruddlesdenâ€“Popper-Type Iron Oxide, Sr₃Fe₂O_{5+x}F_{2â€“x} (x â‰ˆ 0.44). Chemistry of Materials, 2011, 23, 3652-3658.	3.2	27

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73	Size dependence of structural, magnetic, and electrical properties in corundum-type Ti₂O₃ nanoparticles showing insulatorâ€“metal transition. Journal of Asian Ceramic Societies, 2015, 3, 325-333.	1.0	27
74	Heavy fermion behavior in the quasi-one-dimensional Kondo lattice CeCo2Ga8. Npj Quantum Materials, 2017, 2, .	1.8	27
75	Corrosion behavior of volcanic ash and calcium magnesium aluminosilicate on Yb₂SiO₅ environmental barrier coatings. Journal of the Ceramic Society of Japan, 2017, 125, 326-332.	0.5	27
76	The effect of a highly twisted Cî€Œ double bond on the electronic structures of 9,9â€²-bifluorenylidene derivatives in the ground and excited states. Organic Chemistry Frontiers, 2017, 4, 650-657.	2.3	26
77	A helically-twisted ladder based on 9,9â€²-bifluorenylidene: synthesis, characterization, and carrier-transport properties. Materials Chemistry Frontiers, 2018, 2, 780-784.	3.2	26
78	Two-dimensional cyano-bridged coordination polymer of Mn(H₂O)₂[Ni(CN)₄]: structural analysis and proton conductivity measurements upon dehydration and rehydration. CrystEngComm, 2018, 20, 6713-6720.	1.3	26
79	High-Pressure Synthesis, Crystal Structure, and Properties of In₂NiMnO₆ with Antiferromagnetic Order and Field-Induced Phase Transition. Inorganic Chemistry, 2013, 52, 14108-14115.	1.9	25
80	Synthesis, Crystal Structure, and Electronic Properties of High-Pressure PdF₂-Type Oxides MO₂ (M = Ru, Rh, Os, Ir, Pt). Inorganic Chemistry, 2014, 53, 11616-11625.	1.9	25
81	Safe P₄ reagent in a reusable porous coordination network. Dalton Transactions, 2016, 45, 6357-6360.	1.6	25
82	High-Pressure Synthesis, Crystal Structure, and Magnetic Properties of Sr₂MnO₃F: A New Member of Layered Perovskite Oxyfluorides. Inorganic Chemistry, 2016, 55, 2627-2633.	1.9	25
83	Melting of Zn nanoparticles embedded in SiO2 at high temperatures: Effects on surface plasmon resonances. Applied Physics Letters, 2010, 96, .	1.5	24
84	Structure and magnetism of the postlayered perovskite Sr<mml:math 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:mrow></mml:msub></mml:mrow></mml:math>Co<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn></mml:mro	1.1	24
85	Resistive switching phenomenon driven by antiferromagnetic phase separation in an antiperovskite nitride Mn3ZnN. Applied Physics Letters, 2012, 100, .	1.5	24
86	Superconducting and structural properties of Î´-MoC0.681 cubic molybdenum carbide phase. Journal of Solid State Chemistry, 2012, 196, 579-585.	1.4	24
87	Reduction of hysteresis in (La1-Ce) (Mn Fe11.4-)Si1.6 magnetocaloric compounds for cryogenic magnetic refrigeration. Acta Materialia, 2021, 220, 117286.	3.8	24
88	Powder neutron diffraction of La-apatite under low temperature. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 600, 319-321.	0.7	23
89	Hydrogen-bond-driven â€˜homogeneous intercalationâ€™ for rapid, reversible, and ultra-precise actuation of layered clay nanosheets. Chemical Communications, 2013, 49, 3631.	2.2	23
90	Influence of growth conditions on the optical, electrical resistivity and piezoelectric properties of Ca₃TaGa₃Si₂O₁₄ single crystals. Journal of the Ceramic Society of Japan, 2016, 124, 523-527.	0.5	23

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91	Complex Structural Behavior of BiMn₇O₁₂ Quadruple Perovskite. Inorganic Chemistry, 2017, 56, 12272-12281.	1.9	23
92	Postâ€Deposition Vapor Annealing Enables Fabrication of 1â€‰cm 2 Leadâ€Free Perovskite Solar Cells. Solar Rrl, 2019, 3, 1900245.	3.1	23
93	Synthesis of monodisperse Zn-smectite. Applied Clay Science, 2010, 48, 55-59.	2.6	22
94	Structural, Magnetic, and Superconducting Properties of Caged CompoundsROs₂Zn₂₀(R= La, Ce, Pr, and Nd). Journal of the Physical Society of Japan, 2017, 86, 034707.	0.7	22
95	Reentrant Structural Transitions and Collapse of Charge and Orbital Orders in Quadruple Perovskites. Angewandte Chemie - International Edition, 2017, 56, 10423-10427.	7.2	22
96	The role of W on the thermal stability of nanocrystalline NiTiWx thin films. Acta Materialia, 2018, 142, 181-192.	3.8	22
97	Crystal Structural, Magnetic, and Transport Properties of Layered Cobalt Oxyfluorides, Sr₂CoO_{3+x}F_{1â€“x} (0 â‰¤ x â‰¤ 0.15). Inorganic Chemistry, 2012, 51, 4802-4809.	1.9	21
98	An Î±-rhombohedral boron-related compound with sulfur: Synthesis, structure and thermoelectric properties. Scripta Materialia, 2013, 68, 289-292.	2.6	21
99	Pressure-Driven Spin Crossover Involving Polyhedral Transformation in Layered Perovskite Cobalt Oxyfluoride. Scientific Reports, 2016, 6, 36253.	1.6	21
100	Influence of postharvest drying conditions on resistant starch content and quality of non-waxy long-grain rice (Oryza sativaL.). Drying Technology, 2018, 36, 952-964.	1.7	21
101	One-Dimensional Fullerene/Porphyrin Cocrystals: Near-Infrared Light Sensing through Component Interactions. ACS Applied Materials & Interfaces, 2020, 12, 2878-2883.	4.0	21
102	Nonlinear Meissner Effect in Double Layered High-TcCuprates Investigated by Measurement of the Penetration Depth. Journal of the Physical Society of Japan, 1996, 65, 3638-3645.	0.7	20
103	Variation in Electronic State of Ba(Fe1-xCox)2As2Alloy as Investigated in Terms of Transport Properties. Journal of the Physical Society of Japan, 2009, 78, 123702.	0.7	20
104	High-pressure synthesis, crystal structure and magnetic properties of double perovskite oxide Ba2CuOsO6. Journal of Solid State Chemistry, 2014, 217, 9-15.	1.4	20
105	Altering properties of cerium oxide thin films by Rh doping. Materials Research Bulletin, 2015, 67, 5-13.	2.7	20
106	High-Pressure Synthesis, Structures, and Properties of Trivalent A-Site-Ordered Quadruple Perovskites RMn₇O₁₂ (R = Sm, Eu, Gd, and Tb). Inorganic Chemistry, 2018, 57, 5987-5998.	1.9	20
107	Multimodal switching of a redox-active macrocycle. Nature Communications, 2019, 10, 1007.	5.8	20
108	Conversion Reaction in the Binder-Free Anode for Fast-Charging Li-Ion Batteries Based on WO₃ Nanorods. ACS Applied Energy Materials, 2020, 3, 6700-6708.	2.5	20

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109	Superconductivity in 122 antimonide SrPt₂Sb₂. Superconductor Science and Technology, 2013, 26, 075001.	1.8	19
110	High-Pressure Synthesis, Crystal Structures, and Properties of ScRhO₃ and InRhO₃ Perovskites. Inorganic Chemistry, 2013, 52, 12005-12011.	1.9	19
111	Carbon-Induced Ferromagnetism in the Antiferromagnetic Metallic Host Material Mn₃ZnN. Inorganic Chemistry, 2013, 52, 800-806.	1.9	19
112	New synthesis of unsymmetrically-substituted 2,5-diarylpyrroles from homopropargyl sulfonamides. RSC Advances, 2014, 4, 4897.	1.7	19
113	Catalytic performance of Niâ€“Al nanoparticles fabricated by arc plasma evaporation for methanol decomposition. International Journal of Hydrogen Energy, 2014, 39, 13156-13163.	3.8	19
114	Long-Range Order in Supramolecular Ï€ Assemblies in Discrete Multidecker Naphthalenediimides. Journal of the American Chemical Society, 2021, 143, 3238-3244.	6.6	19
115	Photosensitizer Encryption with Aggregation Enhanced Singlet Oxygen Production. Journal of the American Chemical Society, 2022, 144, 10830-10843.	6.6	19
116	Superconductivity in the AlB₂-Type Ternary Rare-Earth Silicide YbGa_{1.1}Si_{0.9}. Journal of the American Chemical Society, 2008, 130, 2886-2887.	6.6	18
117	Manganese valence and coordination structure in Mn,Mg-codoped Î³-AlON green phosphor. Journal of Solid State Chemistry, 2012, 194, 71-75.	1.4	18
118	High-Pressure Synthesis, Crystal Structure, and Electromagnetic Properties of CdRh₂O₄: an Analogous Oxide of the Postspinel Mineral MgAl₂O₄. Inorganic Chemistry, 2012, 51, 6868-6875.	1.9	18
119	Spin-Driven Multiferroic Properties of PbMn₇O₁₂ Perovskite. Inorganic Chemistry, 2016, 55, 6169-6177.	1.9	18
120	Mechanical Tuning of Throughâ€Molecule Conductance in a Conjugated Calix[4]pyrrole. ChemistrySelect, 2018, 3, 6473-6478.	0.7	18
121	Domain structure and lattice effects in a severely plastically deformed CoCrFeMnNi high entropy alloy. Journal of Alloys and Compounds, 2020, 812, 152028.	2.8	18
122	Perovskite-Structure TlMnO₃: A New Manganite with New Properties. Inorganic Chemistry, 2014, 53, 9800-9808.	1.9	17
123	Twoâ€Step Divergent Synthesis of Monodisperse and Ultraâ€Long Bottlebrush Polymers from an Easily Purifiable ROMP Monomer. Angewandte Chemie - International Edition, 2021, 60, 1528-1534.	7.2	17
124	Electronic structure ofAV2O4(A=Li, Zn, and Cd) studied by x-ray photoemission spectroscopy. Physical Review B, 2006, 74, .	1.1	16
125	Crystal structure and properties of high-pressure-synthesized BiRhO3, LuRhO3, and NdRhO3. Journal of Solid State Chemistry, 2013, 200, 271-278.	1.4	16
126	High-pressure synthesis, crystal structure and magnetic properties of TlCrO₃ perovskite. Dalton Transactions, 2015, 44, 10785-10794.	1.6	16

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127	Influence of Oxygen Partial Pressure during Growth on Optical and Electrical Properties of Ca₃TaAl₃Si₂O₁₄ Single Crystals. Crystal Growth and Design, 2016, 16, 2151-2156.	1.4	16
128	Comparison between microwaveâ€cooking and steamâ€cooking on starch properties and in vitro starch digestibility of cooked pigmented rice. Journal of Food Process Engineering, 2019, 42, e13150.	1.5	16
129	Room-temperature ferromagnetism of anti-site disordered <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">a</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mi>MnOs</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>6</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review Materials, 2019, 3, .	0.9	16
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