Yoshihiro Tsujimoto

List of Publications by Year
in descending order

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103	3,541	186265	149698
papers	citations	28 h-index	56 g-index

117	117	117	4378
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Anion Substitution at Apical Sites of Ruddlesdenâ€“Popper-type Cathodes toward High Power Density for All-Solid-State Fluoride-Ion Batteries. Chemistry of Materials, 2022, 34, 609-616.	6.7	13
2	Ruddlesdenâ€“Popper Oxychlorides Ba₃Y₂O₅Cl₂, Sr₃Sc₂O₅Cl₂, and Sr₂ScO₃Cl: First Examples of Oxide-Ion-Conducting Oxychlorides. ACS Applied Energy Materials, 2022, 5, 295-304.	5.1	9
3	Flux Crystal Growth, Crystal Structure, and Magnetic Properties of a Ternary Chromium Disulfide Ba₉Cr₄S₁₉ with Unusual Cr₄S₁₅ Tetramer Units. ACS Omega, 2021, 6, 6842-6847.	3.5	0
4	Antiferromagnetic Order Breaks Inversion Symmetry in a Metallic Double Perovskite, Pb₂NiOsO₆. Chemistry of Materials, 2021, 33, 4188-4195.	6.7	8
5	La₃Ga₃Ge₂S₃O₁₀: An Ultraviolet Nonlinear Optical Oxysulfide Designed by Anionâ€Directed Band Gap Engineering. Angewandte Chemie, 2021, 133, 26765-26769.	2.0	13
6	La₃Ga₃Ge₂S₃O₁₀: An Ultraviolet Nonlinear Optical Oxysulfide Designed by Anionâ€Directed Band Gap Engineering. Angewandte Chemie - International Edition, 2021, 60, 26561-26565.	13.8	37
7	Synthesis, structure, and luminescence properties of layered oxychloride Ba₃Y₂O₅Cl₂. Journal of Materials Chemistry C, 2020, 8, 17162-17168.	5.5	3
8	Magnetically induced metal-insulator transition in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Pb</mml:mi><mml:mn>2</mml:mn></mml: Physical Review B, 2020, 102, .	3.2	7
9	Unprecedentedly large magnetic anisotropy in the highest- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>T</mml:mi><mml:mi>C</mml:mi></mml:msub></mml: ferrimagnetic oxide <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Sr</mml:mi><mml:mn>2</mml:mn></mml:msub></mml: mathvariant="normal">O</mml:mi><mml:mn>6</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2020, 102, .	3.2	13
10	Flux Crystal Growth, Crystal Structure, and Optical Properties of New Germanate Garnet Ce2CaMg2Ge3O12. Frontiers in Chemistry, 2020, 8, 91.	3.6	1
11	Enhanced visible-light photocatalytic activity of anatase-rutile mixed-phase nano-size powder given by high-temperature heat treatment. Royal Society Open Science, 2020, 7, 191539.	2.4	25
12	Study of Polycrystalline Bulk Sr3OsO6 Double-Perovskite Insulator: Comparison with 1000 K Ferromagnetic Epitaxial Films. Inorganic Chemistry, 2020, 59, 4049-4057.	4.0	9
13	Flux Crystal Growth, Structure, and Optical Properties of the New Germanium Oxysulfide La₄(GeS₂O₂)₃. Crystal Growth and Design, 2020, 20, 4054-4061.	3.0	4
14	Fluorination and reduction of CaCrO₃ by topochemical methods. Dalton Transactions, 2020, 49, 1997-2003.	3.3	3
15	Electronic properties of perovskite strontium chromium oxyfluoride epitaxial thin films fabricated via low-temperature topotactic reaction. Physical Review Materials, 2020, 4, .	2.4	5
16	Exploring Structures and Properties through Anion Chemistry. Bulletin of the Chemical Society of Japan, 2019, 92, 1349-1357.	3.2	27
17	Stepwise topochemical fluorination of SrCrO3 perovskite via a super-structured oxide. Chemical Communications, 2019, 55, 7239-7242.	4.1	4
18	Difference in magnetic and ferroelectric properties between rhombohedral and hexagonal polytypes of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi mathvariant="normal">AgFeO</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math> : A single-crystal study. Physical Review B, 2019, 99, .	3.2	6

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19	High-pressure synthesis, crystal structure, and magnetic properties of hexagonal Ba3CuOs2O9. Journal of Solid State Chemistry, 2019, 272, 182-188.	2.9	4
20	A zinc-based oxysulfide photocatalyst SrZn₂S₂O capable of reducing and oxidizing water. Dalton Transactions, 2019, 48, 15778-15781.	3.3	21
21	Room-temperature ferrimagnetism 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, .	2.4	16
22	Synthesis, Crystal Structure, and Optical Properties of Layered Perovskite Scandium Oxychlorides: Sr2ScO3Cl, Sr3Sc2O5Cl2, and Ba3Sc2O5Cl2. Inorganic Chemistry, 2018, 57, 5615-5623.	4.0	8
23	Property Engineering in Perovskites via Modification of Anion Chemistry. Annual Review of Materials Research, 2018, 48, 303-326.	9.3	40
24	Experimental and Theoretical Soft X-Ray Absorption Study on Co3+ Ion Spin States in Sr2â˜'x Ca x CoO3 F. Physica Status Solidi - Rapid Research Letters, 2018, 12, 1800147.	2.4	7
25	Evolution of the Magnetic Excitations in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>NaOsO</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math> through its Metal-Insulator Transition. Physical Review Letters, 2018, 120, 227203.	7.8	19
26	Fighting at the Interface: Structural Evolution during Heteroepitaxial Growth of Cyanometallate Coordination Polymers. Inorganic Chemistry, 2018, 57, 8701-8704.	4.0	14
27	Low-temperature solid-state reduction approach to highly reduced titanium oxide nanocrystals. Journal of the Ceramic Society of Japan, 2018, 126, 609-613.	1.1	5
28	Function of Tetrahedral ZnS₃O Building Blocks in the Formation of SrZn₂S₂O: A Phase Matchable Polar Oxysulfide with a Large Second Harmonic Generation Response. Chemistry of Materials, 2018, 30, 6486-6493.	6.7	64
29	High-Pressure Synthesis, Crystal Structure, and Semimetallic Properties of HgPbO₃. Inorganic Chemistry, 2018, 57, 7601-7609.	4.0	1
30	A layered wide-gap oxyhalide semiconductor with an infinite ZnO2 square planar sheet: Sr2ZnO2Cl2. Chemical Communications, 2017, 53, 3826-3829.	4.1	13
31	Crystal Chemistry of New Layered Oxyhalide Perovskites with Anion Order. Nihon Kessho Gakkaishi, 2017, 59, 223-229.	0.0	0
32	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi 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, .	3.2	55
33	Nanoporous Mn-based electrocatalysts through thermal conversion of cyano-bridged coordination polymers toward ultra-high efficiency hydrogen peroxide production. Journal of Materials Chemistry A, 2016, 4, 9266-9274.	10.3	51
34	Pressure-Driven Spin Crossover Involving Polyhedral Transformation in Layered Perovskite Cobalt Oxyfluoride. Scientific Reports, 2016, 6, 36253.	3.3	21
35	Magnetic and Structural Studies on Two-Dimensional Antiferromagnets (M)LaNb₂O₇ (M = Mn, Co, Cr). Journal of the Physical Society of Japan, 2016, 85, 034005.	1.6	1
36	High-Pressure Synthesis, Crystal Structure, and Magnetic Properties of Sr₂MnO₃F: A New Member of Layered Perovskite Oxyfluorides. Inorganic Chemistry, 2016, 55, 2627-2633.	4.0	25

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37	Structure and cation distribution in perovskites with small cations at the A site: the case of ScCoO3. Science and Technology of Advanced Materials, 2015, 16, 024801.	6.1	10
38	Enhanced spin-phonon-electronic coupling in a 5d oxide. Nature Communications, 2015, 6, 8916.	12.8	45
39	Mesoporous Iron Phosphonate Electrodes with Crystalline Frameworks for Lithium-Ion Batteries. Chemistry of Materials, 2015, 27, 1082-1089.	6.7	138
40	High-Pressure Synthesis, Crystal Structures, and Magnetic Properties of 5d Double-Perovskite Oxides Ca₂MgOsO₆ and Sr₂MgOsO₆. Inorganic Chemistry, 2015, 54, 3422-3431.	4.0	61
41	High-pressure synthesis, crystal structure and magnetic properties of TlCrO₃ perovskite. Dalton Transactions, 2015, 44, 10785-10794.	3.3	16
42	Magnetic ordering and ferroelectricity in multiferroic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>2</mml:mn><mml:mi>H</mml:mi></mml:mrow><mml:m mathvariant="normal">AgFeO</mml:mi><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>: Comparison between hexagonal and rhombohedral polytypes. Physical Review B, 2015, 91, .	3.2	18
43	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.	2.3	27
44	Unusual magnetic hysteresis and the weakened transition behavior induced by Sn substitution in Mn3SbN. Journal of Applied Physics, 2014, 115, 043509.	2.5	10
45	High-pressure synthesis, crystal structure, and magnetic properties of KSbO3-type 5doxides K0.84OsO3and Bi2.93Os3O11. Science and Technology of Advanced Materials, 2014, 15, 064901.	6.1	12
46	Superconductivity of Î´-MoC0.75 synthesized at 17GPa. Solid State Communications, 2014, 177, 33-35.	1.9	7
47	Thermal Conversion of Hollow Prussian Blue Nanoparticles into Nanoporous Iron Oxides with Crystallized Hematite Phase. European Journal of Inorganic Chemistry, 2014, 2014, 1137-1141.	2.0	27
48	New members of layered oxychloride perovskites with square planar coordination: Sr2MO2Cl2 (M =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	4.1	29
49	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.	4.0	25
50	Spin-Singlet Ground State of Two-Dimensional Quantum Spin Antiferromagnet (CuCl)Ca₂Nb₃O₁₀. Journal of the Physical Society of Japan, 2014, 83, 074712.	1.6	4
51	Anion Order-to-Disorder Transition in Layered Iron Oxyfluoride Sr₂FeO₃F Single Crystals. Crystal Growth and Design, 2014, 14, 4278-4284.	3.0	15
52	Bulk compound synthesis and oxygen deficiency effect on electronic and magnetic properties of the Zn-based oxyarsenide LaZnAsO1â^'Î´. Journal of Alloys and Compounds, 2014, 582, 241-245.	5.5	6
53	High-Temperature Ferrimagnetism Driven by Lattice Distortion in Double Perovskite Ca₂FeOsO₆. Journal of the American Chemical Society, 2014, 136, 3326-3329.	13.7	122
54	Controlled Crystallization of Cyanoâ€Bridged Cuâ€“Pt Coordination Polymers with Twoâ€Dimensional Morphology. Chemistry - an Asian Journal, 2014, 9, 1511-1514.	3.3	14

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55	High-pressure synthesis, crystal structure and magnetic properties of double perovskite oxide Ba2CuOsO6. Journal of Solid State Chemistry, 2014, 217, 9-15.	2.9	20
56	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.	13.7	58
57	Extended Ni(III) Oxyhalide Perovskite Derivatives: Sr₂NiO₃X (X =) Tj ETQq1 1 0.784314 rgBT	4.0	41
58	Crystal structure and magnetic properties and Zn substitution effects on the spin-chain compound Sr3Co2O6. Journal of Solid State Chemistry, 2013, 204, 40-46.	2.9	4
59	Quasi-periodic magnetic flux jumps in the superconducting state of Ba0.5K0.5Fe1.9M0.1As2 (M=Fe, Co,) Tj ETQq1 1 0.784314 rgBT	1.2	3
60	High pressure synthesis, crystal structure, and magnetic properties of the double-perovskite Sr₂FeOsO₆. High Pressure Research, 2013, 33, 221-228.	1.2	20
61	Hydrogen-bond-driven â€˜homogeneous intercalationâ€™ for rapid, reversible, and ultra-precise actuation of layered clay nanosheets. Chemical Communications, 2013, 49, 3631.	4.1	23
62	Carbon-Induced Ferromagnetism in the Antiferromagnetic Metallic Host Material Mn₃ZnN. Inorganic Chemistry, 2013, 52, 800-806.	4.0	19
63	Ferroelectricity and lattice distortion associated with spin orderings in a multiferroic delafossite AgFeO₂. EPJ Web of Conferences, 2013, 40, 15008.	0.3	7
64	Rational Design and Synthesis of Cyanoâ€Bridged Coordination Polymers with PreciseÂ-Control of Particle Size from 20 to 500 nm. European Journal of Inorganic Chemistry, 2013, 2013, 3141-3145.	2.0	33
65	Thermodynamic, Electromagnetic, and Lattice Properties of Antiperovskite Mn₃SbN. Advances in Condensed Matter Physics, 2013, 2013, 1-5.	1.1	3
66	Resistive switching phenomenon driven by antiferromagnetic phase separation in an antiperovskite nitride Mn3ZnN. Applied Physics Letters, 2012, 100, .	3.3	24
67	Magnetically Driven Metal-Insulator Transition in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>NaOsO</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2012, 108, 257208.	7.8	115
68	Continuous critical temperature enhancement with gradual hydrogen doping in LaFeAsO<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mrow><mml:mn>0.85</mml:mn></mml:mrow></mml:msub></mml:math>H<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow		

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73	Superconducting and structural properties of Î´-MoC0.681 cubic molybdenum carbide phase. Journal of Solid State Chemistry, 2012, 196, 579-585.	2.9	24
74	An oxyhydride of BaTiO3 exhibiting hydride exchange and electronic conductivity. Nature Materials, 2012, 11, 507-511.	27.5	251
75	Spiral-Spin-Driven Ferroelectricity in a Multiferroic Delafossite<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>AgFeO</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review Letters, 2012, 109, 097203.	7.8	57
76	High-Pressure Synthesis, Crystal Structure, and Electromagnetic Properties of CdRh₂O₄: an Analogous Oxide of the Postspinel Mineral MgAl₂O₄. Inorganic Chemistry, 2012, 51, 6868-6875.	4.0	18
77	Growth of Single-Crystal Ca₁₀(Pt₄As₈)(Fe_{1.8}Pt_{0.2}As₂)₅ Nanowhiskers with Superconductivity up to 33 K. Journal of the American Chemical Society, 2012, 134, 4068-4071.	13.7	11
78	Quadruple-layered perovskite (CuCl)Ca2NaNb4O13. Journal of Solid State Chemistry, 2012, 185, 10-17.	2.9	10
79	Impurity effects on the Fe-based superconductor A(Fe1â^'yCoy)2As2 (A=Ba and Sr). Solid State Communications, 2012, 152, 671-679.	1.9	18
80	New layered cobalt oxyfluoride, Sr₂CoO₃F. Chemical Communications, 2011, 47, 3263-3265.	4.1	39
81	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.	6.7	27
82	Non-magnetic impurity effect on the optimally carrier doped superconductor BaFe1.87Co0.13As2 prepared at ambient pressure. Physica C: Superconductivity and Its Applications, 2011, 471, 213-215.	1.2	7
83	Synthesis of Nanostructured Reduced Titanium Oxide: Crystal Structure Transformation Maintaining Nanomorphology. Angewandte Chemie - International Edition, 2011, 50, 7418-7421.	13.8	110
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:mrow></mml:msub></mml:mrow></mml:math>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>1.89</mml:mn><mml:mo>â^'</mml:mo><mml:mn>2</mml:mn><mml:mi>x</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:math>: Magnetic correlation in the square-lattice spin system (CuBr)<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi>Sr</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>10</mml:mn></mml:msub></mml:mrow></mml:math>: A neutron diffraction study. Physical Review B, 2011, 84, .	3.2	24
85	Zn substitution in the iron based superconductor BaFe<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:mrow></mml:msub></mml:mrow></mml:math>As<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:mrow></mml:msub></mml:mrow></mml:math>.	3.2	49
86	Magnetic correlation in the square-lattice spin system (CuBr)<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi>Sr</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>10</mml:mn></mml:msub></mml:mrow></mml:math>: A neutron diffraction study. Physical Review B, 2011, 84, .	3.2	16
87	Novel Iron Oxides with Square Planar Coordination from Low Temperature Synthesis. Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2010, 57, 181-185.	0.2	0
88	Magnetic Excitations in Infinite-Layer Antiferromagnetic Insulator. Journal of the Physical Society of Japan, 2010, 79, 034707.	1.6	17
89	Synthesis, Structural and Magnetic Properties of the Solid Solution (CuCl_{1-x}Br_x)LaNb₂O₇ (0 â‰¤ x â‰¤ 1). Journal of the Physical Society of Japan, 2010, 79, 014709.	1.6	7
90	Two-Dimensional S = 1 Quantum Antiferromagnet (NiCl)Sr₂Ta₃O₁₀. Chemistry of Materials, 2010, 22, 4625-4631.	6.7	16

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91	⁵⁷Fe MÃ¶ssbauer Spectroscopic Study on Fe²⁺-Oxides with Infinite-Layer and Ladder Structures. Journal of the Physical Society of Japan, 2010, 79, 123709.	1.6	13
92	Muon spin relaxation studies of the frustrated quasi-two-dimensional square-lattice spin system<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"		