

Hideki Abe

List of Publications by Year in descending order

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176
docs citations

176
times ranked

8249
citing authors

#	ARTICLE	IF	CITATIONS
1	Charge partitioning by intertwined metal-oxide nano-architectural networks for the photocatalytic dry reforming of methane. Chem Catalysis, 2022, 2, 321-329.	2.9	9
2	Gas-Phase Photoelectrocatalysis Mediated by Oxygen Ions for Uphill Conversion of Greenhouse Gases. ChemPhotoChem, 2021, 5, 275-281.	1.5	7
3	Nanoporous ultra-high-entropy alloys containing fourteen elements for water splitting electrocatalysis. Chemical Science, 2021, 12, 11306-11315.	3.7	88
4	Active site separation of photocatalytic steam reforming of methane using a gas-phase photoelectrochemical system. Chemical Communications, 2021, 57, 8007-8010.	2.2	7
5	Tracking the emergence of epitaxial metal-oxide interfaces from precursor alloys. Nanoscale, 2021, 13, 18987-18995.	2.8	2
6	Quantitative analysis of 3D structures in metal-oxide composites. Microscopy and Microanalysis, 2021, 27, 2974-2975.	0.2	0
7	Growth mechanism of periodic nanopattern in metal-oxide composites. Microscopy and Microanalysis, 2021, 27, 2324-2325.	0.2	0
8	Topological trends in ionic transport through metal-oxide composites. Applied Physics Letters, 2021, 118, 054102.	1.5	4
9	In Situ TEM Study of Rh Particle Sintering for Three-Way Catalysts in High Temperatures. Catalysts, 2021, 11, 19.	1.6	6
10	Visible-Light-Induced CO ₂ Reduction by Mixed-Valence Tin Oxide. ACS Applied Energy Materials, 2021, 4, 13415-13419.	2.5	11
11	Correlation between the Charge-Transport Properties and the 3D-Phase Connectivities in Patterned Pt/CeO ₂ Nanostructured Composites: Implications for Solid-Oxide Fuel Cells. ACS Applied Nano Materials, 2021, 4, 13602-13611.	2.4	1
12	Photocatalysis and hydrogen production from water solution. , 2020, , 555-577.		0
13	Metal Carbide as A Light-Harvesting and Anticoking Catalysis Support for Dry Reforming of Methane. Global Challenges, 2020, 4, 1900067.	1.8	17
14	Saloplastics as multiresponsive ion exchange reservoirs and catalyst supports. Journal of Materials Chemistry A, 2020, 8, 17713-17724.	5.2	15
15	Intermetallic Pd ₃ X (X = Ti and Zr) nanocrystals for electro-oxidation of alcohols and formic acid in alkaline and acidic media. Science and Technology of Advanced Materials, 2020, 21, 573-583.	2.8	10
16	Active faceted nanoporous ruthenium for electrocatalytic hydrogen evolution. Journal of Materials Chemistry A, 2020, 8, 19788-19792.	5.2	19
17	Elastoresistance measurements on CaKFe_4 and KCa_2 . mat. Physical Review B, 2020, 102, .	1.1	14
18	Ni ₂ YAl-Derived Nanoporous Catalysts for Dry Reforming of Methane. Materials, 2020, 13, 2044.	1.3	1

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19	Intertwined Nickel and Magnesium Oxide Rival Precious Metals for Catalytic Reforming of Greenhouse Gases. <i>Advanced Sustainable Systems</i> , 2020, 4, 2000041.	2.7	2
20	Visible-light-driven dry reforming of methane using a semiconductor-supported catalyst. <i>Chemical Communications</i> , 2020, 56, 4611-4614.	2.2	46
21	Photocatalytic uphill conversion of natural gas beyond the limitation of thermal reaction systems. <i>Nature Catalysis</i> , 2020, 3, 148-153.	16.1	194
22	Mesoporous Rh Emerging from Nanophase-separated Rh γ Alloy. <i>Chemistry - an Asian Journal</i> , 2019, 14, 2802-2805.	1.7	8
23	Constructing Sn-doped SrNb ₂ O ₆ for visible light response driven H ₂ and O ₂ evolution from water. <i>Catalysis Science and Technology</i> , 2019, 9, 3619-3622.	2.1	4
24	Unique defect structure and advantageous vortex pinning properties in superconducting CaKFe ₄ As ₄ . <i>Npj Quantum Materials</i> , 2019, 4, .	1.8	43
25	Photocatalytic Partial Oxidation of Methane on Palladium-Loaded Strontium Tantalate. <i>Solar Rrl</i> , 2019, 3, 1900076.	3.1	15
26	Large and significantly anisotropic critical current density induced by planar defects in CaKFe ₄ As ₄ single crystals. <i>Physical Review B</i> , 2019, 99, .	1.1	42
27	Topologically immobilized catalysis centre for long-term stable carbon dioxide reforming of methane. <i>Chemical Science</i> , 2019, 10, 3701-3705.	3.7	27
28	CO ₂ oxidative coupling of methane using an earth-abundant CaO-based catalyst. <i>Scientific Reports</i> , 2019, 9, 15454.	1.6	14
29	Synergistic photothermal and photochemical partial oxidation of methane over noble metals incorporated in mesoporous silica. <i>Chemical Communications</i> , 2019, 55, 13765-13768.	2.2	19
30	A Cu-Zn nanoparticle promoter for selective carbon dioxide reduction and its application in visible-light-active Z-scheme systems using water as an electron donor. <i>Chemical Communications</i> , 2018, 54, 3947-3950.	2.2	28
31	Light-promoted conversion of greenhouse gases over plasmonic metal-carbide nanocomposite catalysts. <i>Materials Chemistry Frontiers</i> , 2018, 2, 580-584.	3.2	20
32	Mesoporous Bimetallic RhCu Alloy Nanospheres Using a Sophisticated Soft-Templating Strategy. <i>Chemistry of Materials</i> , 2018, 30, 428-435.	3.2	39
33	Nanoporous Nickel Composite Catalyst for the Dry Reforming of Methane. <i>ACS Omega</i> , 2018, 3, 16651-16657.	1.6	9
34	Controlled synthesis of Pt nanoparticle supported TiO ₂ nanorods as efficient and stable electrocatalysts for the oxygen reduction reaction. <i>Journal of Materials Chemistry A</i> , 2018, 6, 23435-23444.	5.2	55
35	Design of p-type transparent conducting oxides Sn ₂ GeO ₄ by an <i>ab initio</i> evolutionary structure search. <i>Journal of Materials Chemistry C</i> , 2018, 6, 11202-11208.	2.7	11
36	Integrated tuneable synthesis of liquid fuels via Fischer-Tropsch technology. <i>Nature Catalysis</i> , 2018, 1, 787-793.	16.1	300

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37	Photo-assisted Dry Reforming of Methane over Strontium Titanate. <i>Chemistry Letters</i> , 2018, 47, 935-937.	0.7	19
38	Synthesis of Metastable Au-Fe Alloy Using Ordered Nanoporous Silica as a Hard Template. <i>Metals</i> , 2018, 8, 17.	1.0	5
39	Sintering-Resistant Nanoparticles in Wide-Mouthed Compartments for Sustained Catalytic Performance. <i>Scientific Reports</i> , 2017, 7, 41773.	1.6	44
40	Hierarchical SnO ₂ Nanostructure with High Energy {113} Facet as Pt-Support for Improved Oxygen Reduction Reaction. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 2929-2936.	0.9	1
41	Selective electro- or photo-reduction of carbon dioxide to formic acid using a Cu-Zn alloy catalyst. <i>Journal of Materials Chemistry A</i> , 2017, 5, 12113-12119.	5.2	92
42	Mesoporous metallic rhodium nanoparticles. <i>Nature Communications</i> , 2017, 8, 15581.	5.8	214
43	Dealloyed Nanoporous Pt-Based Alloys as High Performance Anode Catalysts for Direct Alcohol Fuel Cells. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 2991-2998.	0.9	2
44	Synthesis of Single Phase Sn ₃ O ₄ : Native Visible-Light-Sensitive Photocatalyst with High Photocatalytic Performance for Hydrogen Evolution. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 3454-3459.	0.9	15
45	Nanophase-separated Ni ₃ Nb as an automobile exhaust catalyst. <i>Chemical Science</i> , 2017, 8, 3374-3378.	3.7	18
46	Mixed-valence NaSb ₃ O ₇ support toward improved electrocatalytic performance in the oxygen-reduction reaction. <i>Journal of Materials Chemistry A</i> , 2017, 5, 1667-1671.	5.2	24
47	Pt Nanoparticles Supported on Mesoporous CeO ₂ Nanostructures Obtained through Green Approach for Efficient Catalytic Performance toward Ethanol Electro-oxidation. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 11290-11299.	3.2	63
48	N ₂ O-emission-free exhaust remediation by Rh-NbOx nanocomposites developed from Rh ₃ Nb alloy precursor. <i>RSC Advances</i> , 2017, 7, 9628-9631.	1.7	7
49	Visible light photocatalytic activities of template free porous graphitic carbon nitride-BiOBr composite catalysts towards the mineralization of reactive dyes. <i>Applied Surface Science</i> , 2017, 426, 1030-1045.	3.1	47
50	In-Situ TEM Study of a Nanoporous Ni-Co Catalyst Used for the Dry Reforming of Methane. <i>Metals</i> , 2017, 7, 406.	1.0	14
51	Pt Decorated Free-Standing TiO ₂ Nanotube Arrays: Highly Active and Durable Electrocatalyst for Oxygen Reduction and Methanol Oxidation Reactions. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 8269-8278.	0.9	10
52	Plasmon-mediated photothermal conversion by TiN nanocubes toward CO oxidation under solar light illumination. <i>RSC Advances</i> , 2016, 6, 110566-110570.	1.7	17
53	Nanostructured polymeric yolk-shell capsules: a versatile tool for hierarchical nanocatalyst design. <i>Journal of Materials Chemistry A</i> , 2016, 4, 9850-9857.	5.2	14
54	Earth-Abundant and Durable Nanoporous Catalyst for Exhaust Gas Conversion. <i>Advanced Functional Materials</i> , 2016, 26, 1609-1616.	7.8	18

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55	CO tolerance of Pt/FeOx catalyst in both thermal catalytic H ₂ oxidation and electrochemical CO oxidation: the effect of Pt deficit electron state. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 29607-29615.	1.3	7
56	Low-Temperature Catalytic Performance of Nanostructured CuO. <i>Nanoscience and Nanotechnology Letters</i> , 2016, 8, 220-225.	0.4	0
57	Atomic architectonics, nanoarchitectonics and microarchitectonics for strategies to make junk materials work as precious catalysts. <i>CrystEngComm</i> , 2016, 18, 6770-6778.	1.3	32
58	Bonding and Electron Energy-Level Alignment at Metal/TiO ₂ Interfaces: A Density Functional Theory Study. <i>Journal of Physical Chemistry C</i> , 2016, 120, 5549-5556.	1.5	45
59	Catalytic nanoarchitectonics for environmentally compatible energy generation. <i>Materials Today</i> , 2016, 19, 12-18.	8.3	163
60	Tailoring the surface-oxygen defects of a tin dioxide support towards an enhanced electrocatalytic performance of platinum nanoparticles. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 5932-5937.	1.3	15
61	CHAPTER 7. Halloysite and Related Mesoporous Carriers for Advanced Catalysis and Drug Delivery. <i>RSC Smart Materials</i> , 2016, , 207-222.	0.1	2
62	Effects of cation concentration on photocatalytic performance over magnesium vanadates. <i>APL Materials</i> , 2015, 3, 104405.	2.2	11
63	Enhanced Activity for Oxygen Reduction Reactions by Carbon-supported High-index-facet Pt-Ti Nanoparticles. <i>Electrochemistry</i> , 2015, 83, 7-11.	0.6	8
64	Synthesis and magnetic characterization of Sr-based Ni ₂ X-type hexaferrite. <i>AIP Advances</i> , 2015, 5, .	0.6	16
65	Activated interiors of clay nanotubes for agglomeration-tolerant automotive exhaust remediation. <i>Journal of Materials Chemistry A</i> , 2015, 3, 6614-6619.	5.2	77
66	Promoted C-C bond cleavage over intermetallic TaPt ₃ catalyst toward low-temperature energy extraction from ethanol. <i>Energy and Environmental Science</i> , 2015, 8, 1685-1689.	15.6	43
67	Novel visible-light sensitive vanadate photocatalysts for water oxidation: implications from density functional theory calculations. <i>Journal of Materials Chemistry A</i> , 2015, 3, 10720-10723.	5.2	27
68	Low-temperature synthesis of copper oxide (CuO) nanostructures with temperature-controlled morphological variations. <i>Ceramics International</i> , 2015, 41, 9426-9432.	2.3	16
69	Covalency-reinforced oxygen evolution reaction catalyst. <i>Nature Communications</i> , 2015, 6, 8249.	5.8	393
70	A dual soft-template synthesis of hollow mesoporous silica spheres decorated with Pt nanoparticles as a CO oxidation catalyst. <i>RSC Advances</i> , 2015, 5, 97928-97933.	1.7	11
71	Correlation between the surface electronic structure and CO-oxidation activity of Pt alloys. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 4879-4887.	1.3	37
72	Crystallographic and magnetic properties of Cu ₂ U-type hexaferrite. <i>Journal of Magnetism and Magnetic Materials</i> , 2015, 375, 54-60.	1.0	17

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73	Facile route for the preparation of ordered intermetallic Pt ₃ Pb core-shell nanoparticles and its enhanced activity for alkaline methanol and ethanol oxidation. <i>Journal of Power Sources</i> , 2015, 273, 990-998.	4.0	33
74	Low-temperature Remediation of NO Catalyzed by Interleaved CuO Nanoplates. <i>Advanced Materials</i> , 2014, 26, 4481-4485.	11.1	79
75	Band-Gap Engineering of NaNbO ₃ for Photocatalytic H ₂ Evolution with Visible Light. <i>International Journal of Photoenergy</i> , 2014, 2014, 1-6.	1.4	9
76	Interleaved Mesoporous Copper for the Anode Catalysis in Direct Ammonium Borane Fuel Cells. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 4443-4448.	0.9	1
77	Photocatalytic Water Splitting under Visible Light by Mixed-Valence Sn ₃ O ₄ . <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 3790-3793.	4.0	148
78	NbPt ₃ Intermetallic Nanoparticles: Highly Stable and CO-tolerant Electrocatalyst for Fuel Oxidation. <i>ChemElectroChem</i> , 2014, 1, 728-732.	1.7	31
79	Charge-Order Melting in Charge-Disproportionated Perovskite CeCu ₃ Fe ₄ O ₁₂ . <i>Inorganic Chemistry</i> , 2014, 53, 11794-11801.	1.9	29
80	Gold photosensitized SrTiO ₃ for visible-light water oxidation induced by Au interband transitions. <i>Journal of Materials Chemistry A</i> , 2014, 2, 9875.	5.2	106
81	Polymeric micelle assembly for the direct synthesis of functionalized mesoporous silica with fully accessible Pt nanoparticles toward an improved CO oxidation reaction. <i>Chemical Communications</i> , 2014, 50, 9101-9104.	2.2	24
82	Long-term, stable, and improved oxygen-reduction performance of titania-supported PtPb nanoparticles. <i>Catalysis Science and Technology</i> , 2014, 4, 1436-1445.	2.1	25
83	Visible-light photodecomposition of acetaldehyde by TiO ₂ -coated gold nanocages: plasmon-mediated hot electron transport via defect states. <i>Chemical Communications</i> , 2014, 50, 15553-15556.	2.2	33
84	Constructing cubic-orthorhombic surface-phase junctions of NaNbO ₃ towards significant enhancement of CO ₂ photoreduction. <i>Journal of Materials Chemistry A</i> , 2014, 2, 5606-5609.	5.2	93
85	Synthesis and electrocatalytic performance of atomically ordered nickel carbide (Ni ₃ C) nanoparticles. <i>Chemical Communications</i> , 2014, 50, 6451-6453.	2.2	34
86	Stimulation of Electro-oxidation Catalysis by Bulk-Structural Transformation in Intermetallic ZrPt ₃ Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 16124-16130.	4.0	35
87	Plasmonic Janus-Composite Photocatalyst Comprising Au and Ca-TiO ₂ for Enhanced Aerobic Oxidation over a Broad Visible-Light Range. <i>Advanced Functional Materials</i> , 2014, 24, 7754-7762.	7.8	83
88	Visible light induced decomposition of organic compounds on WO ₃ loaded PtPb co-catalysts. <i>Catalysis Communications</i> , 2014, 56, 96-100.	1.6	8
89	Valence Transitions in Negative Thermal Expansion Material SrCu ₃ Fe ₄ O ₁₂ . <i>Inorganic Chemistry</i> , 2014, 53, 10563-10569.	1.9	43
90	Superior CO Catalytic Oxidation on Novel Pt/Clay Nanocomposites. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 11613-11617.	4.0	17

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91	Enzyme nanoarchitectonics: organization and device application. <i>Chemical Society Reviews</i> , 2013, 42, 6322.	18.7	376
92	Synthesis of Mesoporous Pt-Ru Alloy Particles with Uniform Sizes by Sophisticated Hard-Templating Method. <i>Chemistry - an Asian Journal</i> , 2013, 8, 902-907.	1.7	25
93	Hydrogen-bond-driven "homogeneous intercalation"™ for rapid, reversible, and ultra-precise actuation of layered clay nanosheets. <i>Chemical Communications</i> , 2013, 49, 3631.	2.2	23
94	Naked-Eye Discrimination of Methanol from Ethanol Using Composite Film of Oxoporphyrinogen and Layered Double Hydroxide. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 5927-5930.	4.0	50
95	Immobilization of Cesium in Titanium Oxides. <i>Hyomen Kagaku</i> , 2013, 34, 149-153.	0.0	0
96	Wet Chemical Synthesis of Ni-Al Nanoparticles at Ambient Condition. <i>Advanced Materials Research</i> , 2012, 557-559, 442-447.	0.3	0
97	Electronic transitions in CePd ₂ Si ₂ studied by resonant x-ray emission spectroscopy at high pressures and low temperatures. <i>Physical Review B</i> , 2012, 86, .	1.1	12
98	Materials nanoarchitectonics for environmental remediation and sensing. <i>Journal of Materials Chemistry</i> , 2012, 22, 2369-2377.	6.7	156
99	Post-synthesis dispersion of metal nanoparticles by poly(amidoamine) dendrimers: size-selective inclusion, water solubilization, and improved catalytic performance. <i>Chemical Communications</i> , 2012, 48, 7441.	2.2	9
100	Colorimetric detection of trace water in tetrahydrofuran using N,N'-substituted oxoporphyrinogens. <i>Chemical Communications</i> , 2012, 48, 3933.	2.2	45
101	Synthesis of Intermetallic Ni-Al Nanoparticles by Wet Chemistry Synthesis of Ni(acac) ₂ and AlCl ₃ Precursors. , 2012, , 179-186.		0
102	MgB ₂ as a superconductor. <i>Journal of Electrochemistry</i> , 2011, 70, 897-901.	70.6	901
103	Effective Use of Platinum Group Metals. <i>Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals</i> , 2011, 75, 10-20.	0.2	8
104	Influence of pH on dendritic structure of strongly fluorescent persulfate-treated poly(amidoamine) dendrimer. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2011, 224, 102-109.	2.0	15
105	Synthesis and Catalytic Performance of Intermetallic Nanoparticles. <i>Materia Japan</i> , 2010, 49, 314-316.	0.1	1
106	Non-stoichiometric Fe _x W ₂ N ₂ : Leaching of Fe from layer-structured FeW ₂ N ₂ . <i>Journal of Solid State Chemistry</i> , 2010, 183, 327-331.	1.4	15
107	Structural refinement of T ₂ Mo ₃ O ₈ (T=Mg, Co, Zn and Mn) and anomalous valence of trinuclear molybdenum clusters in Mn ₂ Mo ₃ O ₈ . <i>Journal of Solid State Chemistry</i> , 2010, 183, 379-384.	1.4	19
108	Open-Mouthed Metallic Microcapsules: Exploring Performance Improvements at Agglomeration-Free Interiors. <i>Journal of the American Chemical Society</i> , 2010, 132, 14415-14417.	6.6	89

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109	Fabrication and surface characterization of single crystal PtBi and PtPb (100) and (001) surfaces. Physical Chemistry Chemical Physics, 2010, 12, 12978.	1.3	13
110	Pt ₃ Ti Nanoparticles: Fine Dispersion on SiO ₂ Supports, Enhanced Catalytic CO Oxidation, and Chemical Stability at Elevated Temperatures. Langmuir, 2010, 26, 11446-11451.	1.6	39
111	Enantioselective Total Synthesis of (±)-Candelalides A, B and C: Potential Kv1.3 Blocking Immunosuppressive Agents. Chemistry - A European Journal, 2009, 15, 2826-2845.	1.7	36
112	Surface characterization of ordered intermetallic PtBi(001) surfaces by ultra-high vacuum electrochemistry (UHV-EC). Surface Science, 2008, 602, 1830-1836.	0.8	10
113	Observation of Energy Gap in FeGa ₃ . Journal of the Physical Society of Japan, 2008, 77, 024705.	0.7	34
114	Electrocatalytic Performance of Fuel Oxidation by Pt ₃ Ti Nanoparticles. Journal of the American Chemical Society, 2008, 130, 5452-5458.	6.6	157
115	Pressure effect on the electrical resistance of SrSi ₂ . Intermetallics, 2007, 15, 956-960.	1.8	13
116	Enantioselective Total Synthesis of (+)-Ottelione A, (±)-Ottelione B, (+)-Ottelione A and Preliminary Evaluation of Their Antitumor Activity. Chemistry - A European Journal, 2007, 13, 9866-9881.	1.7	21
117	Lattice constants and electrical resistivity of C32-type LaAl ₂ xSi ₆ (0.27 ≤ x ≤ 0.56). Physica B: Condensed Matter, 2006, 383, 76-77.	1.3	2
118	Electrochemical immobilization of Cs in single-crystalline SYNROC. Journal of Solid State Chemistry, 2006, 179, 1521-1524.	1.4	18
119	Structure, magnetism and transport of the perovskite manganites Ln _{0.5} Ca _{0.5} MnO ₃ (Ln=Ho, Er, Tm, Yb) Tj ETQq1 1,0,784314 rgBT /Ove	1.4	25
120	Electroplating of the superconductive boride MgB ₂ from molten salts. Journal of Physics and Chemistry of Solids, 2005, 66, 406-409.	1.9	8
121	Electrical properties of polycrystalline SrSi ₂ . Applied Physics Letters, 2005, 86, 032102.	1.5	45
122	Superconducting properties of MgB ₂ films electroplated to stainless steel substrates. Applied Physics Letters, 2004, 85, 6197-6199.	1.5	21
123	High-field magnetization and other physical properties of Ce ₂ T ₃ X ₅ compounds (T=Pt, Rh and Cu; X=Si) Tj ETQq1 1,0,784314 rgBT /Ove	1.0	4
124	Electrical Properties of Single-Crystalline CaAl ₂ Si ₂ . ChemInform, 2004, 35, no.	0.1	0
125	Neutron diffraction and X-ray absorption study of CaMn _{0.6} Ru _{0.4} O ₃ . Journal of Magnetism and Magnetic Materials, 2004, 272-276, E609-E611.	1.0	4
126	Electrochemical preparation of single-crystalline Cr ₂ O ₃ from molten salts. Journal of Crystal Growth, 2004, 267, 42-46.	0.7	2

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127	Electrical Properties of Single-Crystalline CaAl ₂ Si ₂ . Inorganic Chemistry, 2004, 43, 5186-5188.	1.9	31
128	Structure and magnetism of Eu ^{1-x} Dy ^x TiO ₃ . Journal of Solid State Chemistry, 2003, 171, 345-348.	1.4	8
129	Electrochemical synthesis of superconductive MgB ₂ from molten salts. Physica C: Superconductivity and Its Applications, 2003, 388-389, 113-114.	0.6	6
130	Doping effects of Ru in La _{0.5} Sr _{0.5} CoO ₃ (L=La, Pr, Nd, Sm, and Eu). Physical Review B, 2003, 67, .	1.1	35
131	Structure, magnetism and transport of La ₂ NiRuO ₆ . Journal of Alloys and Compounds, 2003, 348, 236-240.	2.8	18
132	Superconducting properties of single-crystalline Ca(Al _{0.5} Si _{0.5}) ₂ : A ternary silicide with the AlB ₂ -type structure. Physical Review B, 2003, 68, .	1.1	39
133	Magnetization Process of an S=1/2 Tetramer Chain with Ferromagnetic and Antiferromagnetic Bond Alternating Interactions. Journal of the Physical Society of Japan, 2003, 72, 943-946.	0.7	21
134	Magnetic Properties of Ce ₂ Sc ₃ Ge ₄ Single Crystal. Journal of the Physical Society of Japan, 2003, 72, 947-950.	0.7	1
135	Superconductivity of Ca(Al _{0.5} Si _{0.5}) ₂ , a ternary silicide with the AlB ₂ -type structure. Applied Physics Letters, 2002, 80, 1019-1021.	1.5	120
136	Field-induced magnetic ordering in the quantum spin system KCuCl ₃ . Physical Review B, 2002, 66, .	1.1	91
137	Electrical transport properties of bulk MgB ₂ materials synthesized by electrolysis on fused mixtures of MgCl ₂ , NaCl, KCl and MgB ₂ O ₄ . Superconductor Science and Technology, 2002, 15, L25-L27.	1.8	9
138	Electrochemical Synthesis of Superconductive Boride MgB ₂ from Molten Salts. Japanese Journal of Applied Physics, 2002, 41, L685-L687.	0.8	6
139	Single Crystalline MgB ₂ Superconductor. Journal of the Physical Society of Japan, 2002, 71, 320-322.	0.7	2
140	Antiferromagnetic Order in Bi ₄ Cu ₃ V ₂ O ₁₄ with Novel Spin Chain. Journal of the Physical Society of Japan, 2002, 71, 1161-1165.	0.7	25
141	Magnetic behavior of CeTi ^v O ₃ . Journal of Alloys and Compounds, 2002, 343, 199-203.	2.8	8
142	High-Field Magnetization of Single Crystalline TbRh ₂ Si ₂ . Journal of the Physical Society of Japan, 2002, 71, 1565-1569.	0.7	3
143	Magnetism and transport of Ln _{0.5} Sr _{0.5} CoO ₃ (Ln=Pr, Nd, Sm, Eu and Gd). Journal of Magnetism and Magnetic Materials, 2002, 239, 85-87.	1.0	15
144	Magnetic Properties of LnMnO ₃ (Ln=Ho, Er, Tm, Yb, and Lu). Journal of Solid State Chemistry, 2002, 165, 131-135.	1.4	46

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145	Structure and Electrical Transport Property of a Silicopnictide ZrCuSiP. Journal of Solid State Chemistry, 2002, 165, 372-374.	1.4	7
146	Complex magnetic phase diagram of CeRh ₂ Ge ₂ . Physica B: Condensed Matter, 2002, 312-313, 253-255.	1.3	3
147	Superconductivity of ternary silicides A(Gax,Si ^{1-x}) ₂ (A=Ca, Sr, and Ba). Physica C: Superconductivity and Its Applications, 2002, 377, 96-100.	0.6	40
148	Superconductivity of MI(MII _{0.5} ,Si _{0.5}) ₂ (MI=Sr and Ba, MII=Al and Ga), ternary silicides with the AlB ₂ -type structure. Physica C: Superconductivity and Its Applications, 2002, 382, 361-366.	0.6	58
149	Single-crystal growth of silver-lead oxide Ag ₅ Pb ₂ O ₆ from fused nitrates. Journal of Crystal Growth, 2002, 241, 347-351.	0.7	10
150	Magnetic properties and resistivity of ternary compounds CeNi ₂ X ₂ (X=Sb, As, P). Journal of Alloys and Compounds, 2001, 323-324, 520-523.	2.8	6
151	Magnetic Properties of LnTi _{0.5} V _{0.5} O ₃ (Ln=Ce and Pr). Journal of Solid State Chemistry, 2001, 156, 452-457.	1.4	2
152	Ferromagnetism in ErTi ₂ Ga ₄ . Journal of the Physical Society of Japan, 2001, 70, 3042-3045.	0.7	9
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