

Toshihiro Moriga

List of Publications by Year in descending order

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125
papers

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279798

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all docs

126
docs citations

126
times ranked

2449
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced quantum efficiency of a self-organized silica mixed red phosphor CaAlSiN ₃ :Eu. Journal of Solid State Chemistry, 2022, 309, 122968.	2.9	2
2	Fabrication and evaluation of CA-doped SrTiO ₃ thermoelectric materials by molten salt method. International Journal of Modern Physics B, 2021, 35, 2140040.	2.0	0
3	Superior electrochemical performance of a novel LiFePO ₄ /C/CNTs composite for aqueous rechargeable lithium-ion batteries. Physical Chemistry Chemical Physics, 2020, 22, 1953-1962.	2.8	27
4	Local structural changes in Ce _{1-x} Ln _x O ₂ -Î´ (Ln=La, Gd) solid electrolytes. Solid State Ionics, 2020, 347, 115213.	2.7	3
5	Ca ₂ Si ₅ N ₈ :Eu ²⁺ phosphors synthesized in graphite crucibles for enhanced reducing atmosphere. Modern Physics Letters B, 2020, 34, 2040023.	1.9	3
6	A facile two-step approach to synthesize monodisperse and high-magnetization Fe ₃ O ₄ @PS composite colloidal particles for constructing dual-response photonic crystals. Composites Communications, 2020, 19, 114-120.	6.3	9
7	Influence of hygrothermal conditioning on the properties of compressed kenaf fiber / epoxy reinforced aluminium laminates. Journal of Mechanical Engineering and Sciences, 2020, 14, 7405-7415.	0.6	1
8	The effect of Ga-content and target current on transparent conducting InGaSnO thin film by the DC sputtering on different substrates. , 2020, , .		0
9	Synthesis and evaluation of the SERS effect of Fe ₃ O ₄ @Ag Janus composite materials for separable, highly sensitive substrates. RSC Advances, 2019, 9, 2877-2884.	3.6	19
10	Inhibition of secondary phase formation with orientation-controlled SrTiO ₃ nanoparticles. Ceramics International, 2019, 45, 9197-9202.	4.8	2
11	Field effect transistor behavior of Bi ₂ Se ₃ nanostructure prepared by laser ablation. Modern Physics Letters B, 2019, 33, 1940015.	1.9	0
12	Effect of nanosecond and femtosecond pulse laser on the formation of WS ₂ nanostructures and field emission characteristics. Modern Physics Letters B, 2019, 33, 1940014.	1.9	3
13	Milling effect on the local structure, site occupation, and site migration in aluminum substituted lithium manganese oxides. Solid State Ionics, 2018, 317, 214-220.	2.7	1
14	Photocatalytic activity of nanostructured tubular TiO ₂ synthesized using kenaf fibers as a sacrificial template. Industrial Crops and Products, 2018, 113, 210-216.	5.2	4
15	Modification of grain boundary structure of SrTiO ₃ using hydroxyl additives. Ceramics International, 2018, 44, 3960-3965.	4.8	2
16	Effect of thermoelectric material of Ca or Fe-doped LaCoO ₃ . International Journal of Modern Physics B, 2018, 32, 1840037.	2.0	4
17	Production of boron nitride nanostructures using nanosecond laser ablation in acetone. International Journal of Modern Physics B, 2018, 32, 1840073.	2.0	2
18	Study of morphology and electrical properties of indium zinc oxide-modified kenaf fiber. Industrial Crops and Products, 2017, 100, 171-175.	5.2	7

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19	Stability and electrical conductivity of Nb- or Ta- doped SrTiO ₃ perovskites for interconnectors in solid oxide fuel cells. Journal of the Ceramic Society of Japan, 2017, 125, 223-226.	1.1	8
20	Influence of Yttrium Dopant on the Structure and Electrical Conductivity of Potassium Sodium Niobate Thin Films. Materials Research, 2016, 19, 1417-1422.	1.3	11
21	A new synthesis route of perovskite-related Sr ₂ TaO ₃ N oxynitride via Sr ₂ Ta ₆ O ₁₀ . AIP Conference Proceedings, 2016, , .	0.4	0
22	Field electron emission characteristics of plasma treated carbon nanotubes. Modern Physics Letters B, 2015, 29, 1540030.	1.9	7
23	Study of thermoelectric properties of Ca-doped LaCoO ₃ . Modern Physics Letters B, 2015, 29, 1540026.	1.9	2
24	Structural and optical properties of perovskite-type LaTiO ₂ N synthesized using urea or thiourea as co-nitriding agents. Journal of the European Ceramic Society, 2015, 35, 3311-3317.	5.7	12
25	Ni/TiO ₂ : A promising low-cost photocatalytic system for solar H ₂ production from ethanol/water mixtures. Journal of Catalysis, 2015, 326, 43-53.	6.2	162
26	X-ray Rietveld refinement of structure of Ba-deficient Ba ₃ Si ₆ O ₁₂ N ₂ phosphor. Modern Physics Letters B, 2015, 29, 1540029.	2.2	4
27	Electrochemical Synthesis of Conducting Polypyrrole Film on Tin Substrate: Structural, Chemical and Field Emission Investigations. Journal of Nano Research, 2015, 36, 44-50.	0.8	3
28	Layered Titanate Nanosheets Prepared by a Surfactant-Templating Approach: Effects of Lamellar Mesostructure on Surface Functionality. Science of Advanced Materials, 2014, 6, 1535-1541.	0.7	2
29	Tuning of Optical Properties in La _{1-x} Ba _x TaO ₂ Oxynitride through Composition and Particle Size Controls. Journal of Nano Research, 2013, 24, 213-219.	0.8	1
30	A-SITE DEFICIENCY AND STRUCTURAL AND ELECTRICAL CHARACTERISTICS OF (Sr _{1-x} RE _x) _{1-y} TiO ₃ PEROVSKITES (RE=La, Nd and Sm). International Journal of Modern Physics Conference Series, 2012, 06, 85-90.	0.7	1
31	HOMOGENIZATION OF PARTICLE SIZES IN LaTiO ₂ N OXYNITRIDE PIGMENTS BY BEAD-MILLING TECHNIQUE. International Journal of Modern Physics Conference Series, 2012, 06, 215-220.	0.7	1
32	Power law behaviors of electrical conductivities in lithium manganese oxides. Solid State Ionics, 2012, 225, 538-541.	2.7	4
33	SINTERING AND ELECTRICAL PROPERTIES IN AIR FOR A-SITE DEFICIENT (Sr _{0.7} La _{0.3}) _{1-y} TiO ₃ PEROVSKITE SAMPLES WITH AND WITHOUT TiO ₂ PHASE. International Journal of Modern Physics Conference Series, 2012, 06, 1-6.	0.7	1
34	Preparation of carbon-supported Pt catalysts covered with microporous silica layers using organosilanes: Sintering resistance and superior catalytic performance for cyclohexane dehydrogenation. Applied Catalysis A: General, 2012, 419-420, 13-21.	4.3	11
35	Preparation, crystal structure, and superconductive characteristics of new oxynitrides (Nb _{1-x} M)(N _{1-x} O) Tj ETQq1 1 0.784314 rgBT /D	2.9	17
36	A-Site and B-Site Non-stoichiometry and Sintering Characteristics of (Sr _{1-x} La _x) _{1-y} Ti _{1-z} O ₃ Perovskites. Journal of Fuel Cell Science and Technology, 2011, 8, .	0.8	9

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37	Luminescence enhancement of Eu ²⁺ , Ce ³⁺ co-doped Ba ₃ Si ₅ O ₁₃ phosphors. Journal of Solid State Chemistry, 2010, 183, 620-623.	2.9	22
38	Changes in the local structure and Li ⁺ ion dynamics in lithium manganese oxides prepared by mechanical milling. Solid State Ionics, 2010, 181, 1359-1365.	2.7	13
39	PREPARATION AND LUMINESCENCE PROPERTIES OF Eu ²⁺ -ACTIVATED Ba-Si-O-N PHOSPHORS. International Journal of Modern Physics B, 2010, 24, 3221-3225.	2.0	8
40	Optical properties of (La,Sr)TiO ₂ N series depending on non-stoichiometries and particle sizes varying in accordance with heat treatment conditions. IOP Conference Series: Materials Science and Engineering, 2009, 1, 012018.	0.6	2
41	Structural analysis of homologous series of Zn _k In ₂ O _{k+3} (k=3, 5, 7) and Zn _k InGaO _{k+3} (k=1, 3, 5) as thermoelectric materials. Materials Research Innovations, 2009, 13, 348-351.	2.3	9
42	Crystal and electronic band structures of homologous compounds ZnIn ₂ O ₃ by Rietveld analysis and first-principle calculation. Materials Research Bulletin, 2009, 44, 432-436.	5.2	27
43	Ionic diffusion and structural changes in lithium compounds. Solid State Ionics, 2009, 180, 621-625.	2.7	7
44	Relationship between anion and cation nonstoichiometries and valence state of titanium in perovskite-type oxynitrides LaTiO ₂ N. Journal of the Ceramic Society of Japan, 2009, 117, 76-81.	1.1	14
45	Properties of Amorphous Transparent Conductive In-Ga-Zn Oxide Films Deposited on Fused Quartz by the PLD Method. E-Journal of Surface Science and Nanotechnology, 2009, 7, 273-276.	0.4	6
46	Lithium ionic diffusion in lithium cobalt oxides prepared by mechanical milling. Solid State Ionics, 2008, 179, 1806-1809.	2.7	8
47	In ₂ O ₃ -ZnO transparent conductive oxide film deposition on polycarbonate substrates. Vacuum, 2008, 83, 557-560.	3.5	10
48	Influence of Ga ₂ O ₃ addition on transparent conductive oxide films of In ₂ O ₃ -ZnO. Vacuum, 2008, 83, 561-563.	3.5	8
49	The properties of transparent conductive In-Ga-Zn oxide films produced by pulsed laser deposition. Vacuum, 2008, 83, 552-556.	3.5	17
50	Influence of Cation Nonstoichiometry on the Optical Properties of the Perovskite-type Oxynitride LaTiO ₂ N. Journal of the Ceramic Society of Japan, 2007, 115, 637-639.	1.1	15
51	EXAFS and XPS Study of Rutile-Type Difluorides of First-Row Transition Metals. AIP Conference Proceedings, 2007, , .	0.4	9
52	51V MAS NMR and XAFS Evidences for Redox of Magnesium Pyro- and Ortho-Vanadates on the Oxidative Dehydrogenation of Propane. Journal of the Ceramic Society of Japan, 2007, 115, 667-671.	1.1	4
53	Low-temperature and rapid solid-state synthesis of YAG:Ce powders using oxides with narrow particle size distribution. Physica Status Solidi C: Current Topics in Solid State Physics, 2006, 3, 2713-2716.	0.8	2
54	Blue-shift of absorption edge in LaTiO ₂ N by controlling the anion nonstoichiometry. Physica Status Solidi (A) Applications and Materials Science, 2006, 203, 2818-2822.	1.8	22

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55	Effect of components in electrodes on sintering characteristics of Ce _{0.9} Gd _{0.1} O _{1.95} electrolyte in intermediate-temperature solid oxide fuel cells during fabrication. <i>Journal of Power Sources</i> , 2006, 157, 688-694.	7.8	43
56	⁷ Li NMR study on Li ⁺ ionic diffusion and phase transition in Li _x CoO ₂ . <i>Solid State Ionics</i> , 2006, 177, 821-826.	2.7	53
57	Li ⁺ ionic diffusion in Li ⁺ –Cu ⁺ –O compounds. <i>Solid State Ionics</i> , 2006, 177, 2775-2778.	2.7	9
58	EFFECTS OF Al, Ga-DOPING ON TRANSPARENT CONDUCTING PROPERTIES OF AMORPHOUS ZnO-SnO ₂ FILMS. <i>International Journal of Modern Physics B</i> , 2006, 20, 3902-3907.	2.0	4
59	TOTAL OXIDATION OF ACTIVATED CARBON OVER PdO-CeO ₂ /TiO ₂ -Al ₂ O ₃ CATALYST. <i>International Journal of Modern Physics B</i> , 2006, 20, 3920-3925.	2.0	1
60	CATALYTIC ACTIVITY FOR METHANE OXIDATION OF GOETHITE SUPPORTED ON ALUMINA. <i>International Journal of Modern Physics B</i> , 2006, 20, 4249-4254.	2.0	5
61	THERMAL VIBRATION ANALYSIS OF RuO ₂ BY EXAFS. <i>International Journal of Modern Physics B</i> , 2006, 20, 4111-4116.	2.0	2
62	LUMINESCENT PROPERTIES OF (Y,Gd) ₃ Al ₅ O ₁₂ :Ce PHOSPHORS PREPARED BY CITRIC-GEL METHOD. <i>International Journal of Modern Physics B</i> , 2006, 20, 4159-4164.	2.0	9
63	Zinc Oxynitride Powders Examined by Xray Absorption Near Edge Spectroscopy. <i>Physica Scripta</i> , 2005, , 312.	2.5	0
64	NMR study on the Li ⁺ ion diffusion in LiCuO ₂ with layered structure. <i>Solid State Ionics</i> , 2005, 176, 837-840.	2.7	11
65	Characterization of ZnO–In ₂ O ₃ transparent conducting films by pulsed laser deposition. <i>Materials Research Bulletin</i> , 2005, 40, 1052-1058.	5.2	20
66	Effects of introduction of argon on structural and transparent conducting properties of ZnO–In ₂ O ₃ thin films prepared by pulsed laser deposition. <i>Thin Solid Films</i> , 2005, 486, 53-57.	1.8	7
67	Catalytic Activity of Iron Oxides Supported on Î ³ -Al ₂ O ₃ for Methane Oxidation. <i>Journal of the Japan Petroleum Institute</i> , 2005, 48, 223-228.	0.6	12
68	Phonon Echo Study on Lithium Ionic Diffusion in LiNbO ₃ Powder. <i>Japanese Journal of Applied Physics</i> , 2005, 44, 4043-4046.	1.5	1
69	XAFS and XRD Studies of PdO/CeO ₂ Catalysts on Al ₂ O ₃ . <i>Physica Scripta</i> , 2005, , 749.	2.5	6
70	Transparent conducting amorphous Zn–Sn–O films deposited by simultaneous dc sputtering. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2004, 22, 1705-1710.	2.1	56
71	Zn–SnO ₂ transparent conductive films deposited by opposed target sputtering system of ZnO and SnO ₂ targets. <i>Vacuum</i> , 2004, 74, 607-611.	3.5	66
72	Al-impurity-doped transparent conductive oxide films of In ₂ O ₃ –ZnO system. <i>Vacuum</i> , 2004, 74, 683-687.	3.5	22

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73	Local structure around platinum in Pt/C catalysts employed for liquid-phase dehydrogenation of decalin in the liquid-film state under reactive distillation conditions. <i>Applied Catalysis A: General</i> , 2004, 266, 251-255.	4.3	48
74	Direct Detection of a Phase Change in PdO/CeO ₂ Supported on γ -Al ₂ O ₃ by Means of in situ High-Temperature Measurements of XRD and FTIR. <i>Analytical Sciences</i> , 2004, 20, 1069-1073.	1.6	14
75	Effect of CeO ₂ Addition on the Change of Crystal Structure of PdO Supported on γ -Al ₂ O ₃ under the Methane Atmosphere. <i>Journal of the Ceramic Society of Japan</i> , 2004, 112, 149-152.	1.3	5
76	Enhancement of the catalytic activities in propane oxidation and H ¹⁸ O exchangeability of hydroxyl groups by the incorporation with cobalt into Strontium hydroxyapatite. <i>Journal of Catalysis</i> , 2003, 214, 8-14.	6.2	40
77	Annealing Effects on Transparent Conducting Properties of Amorphous ZnO-In ₂ O ₃ Films. <i>International Journal of Modern Physics B</i> , 2003, 17, 1188-1192.	2.0	2
78	A New Intermediate Phase in the Early Stage of Dehydration of Gibbsite. <i>International Journal of Modern Physics B</i> , 2003, 17, 1464-1469.	2.0	2
79	Characterizations of Zinc Oxynitride Powders Prepared Under Ammonia Gas Flow. <i>International Journal of Modern Physics B</i> , 2003, 17, 1523-1526.	2.0	3
80	Structural Property and Activity for Methane Oxidation of Iron Oxides Prepared by NaOH and FeSO ₄ Solution. <i>International Journal of Modern Physics B</i> , 2003, 17, 1498-1502.	2.0	0
81	Effects of Redox of Cu-Species in Copper-Strontium Hydroxyapatites on the Oxidative Dehydrogenation of Propane. <i>Journal of Chemical Engineering of Japan</i> , 2003, 36, 210-215.	0.6	6
82	Effect of Texture and Composition of Microorganisms Carrier for Disposal of Wastewater. <i>Zairyo/Journal of the Society of Materials Science, Japan</i> , 2003, 52, 282-286.	0.2	0
83	Effects of Sulfate Ion on Crystal Structure and Activity for Methane Oxidation of Iron Oxide Prepared from Goethite. <i>Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal</i> , 2002, 2002, 11-18.	0.1	3
84	Amorphous ZnO-In ₂ O ₃ transparent conductive films by simultaneous sputtering method of ZnO and In ₂ O ₃ targets. <i>Vacuum</i> , 2002, 66, 505-509.	3.5	73
85	Film properties of ZnO:Al films deposited by co-sputtering of ZnO:Al and contaminated Zn targets with Co, Mn and Cr. <i>Vacuum</i> , 2002, 66, 511-515.	3.5	26
86	Reduction processes of rare-earth nickelate perovskites LnNiO ₃ (Ln=La, Pr, Nd). <i>Solid State Ionics</i> , 2002, 154-155, 251-255.	2.7	6
87	Performance of Calcium Silicate Hydrate Briquettes Produced from Fly Ash and Slaked Lime in Disposal of Wastewater. <i>Zairyo/Journal of the Society of Materials Science, Japan</i> , 2002, 51, 68-73.	0.2	0
88	Effect of the phase transition of iron (III) oxide on the oxidative dehydrogenation of propane in the presence and absence of tetrachloromethane. <i>Catalysis Communications</i> , 2001, 2, 285-290.	3.3	3
89	Transparent Conducting Oxides in the System of ZnO-In ₂ O ₃ . <i>Nihon Kessho Gakkaishi</i> , 2001, 43, 306-314.	0.0	1
90	Characterization of Calcium, Strontium, Barium and Lead Hydroxyapatites: X-ray Diffraction, Photoelectron, Extended X-ray Absorption Fine Structure and MAS NMR Spectroscopies. <i>Bulletin of the Chemical Society of Japan</i> , 2001, 74, 187-192.	3.2	18

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91	Crystallization process of transparent conductive oxides ZnIn ₂ O ₄ . Journal of Synchrotron Radiation, 2001, 8, 785-787.	2.4	8
92	Effect of insertion of thin ZnO layer in transparent conductive ZnO:Al film. Thin Solid Films, 2001, 386, 267-270.	1.8	21
93	In Situ XRD and In Situ IR Spectroscopic Analyses of Structural Change of Goethite in Methane Oxidation. Journal of Solid State Chemistry, 2001, 156, 225-229.	2.9	22
94	Structural variation of thin films deposited from Zn ₃ In ₂ O ₆ target by RF-sputtering. Materials Research Bulletin, 2001, 36, 1075-1082.	5.2	6
95	Reaction Mechanism of Metal Silicide Mg ₂ Si for Li Insertion. Journal of Solid State Chemistry, 2000, 153, 386-390.	2.9	61
96	Structures and Physical Properties of Films Deposited by Simultaneous DC Sputtering of ZnO and In ₂ O ₃ or ITO Targets. Journal of Solid State Chemistry, 2000, 155, 312-319.	2.9	65
97	Effects of Charge/Discharge of Li _{1-x} Ni _{1-y} MnyO ₂ on Their Crystal Structures and Electronic States. Zairyo/Journal of the Society of Materials Science, Japan, 2000, 49, 221-226.	0.2	0
98	The Rietveld analysis of crystal structure of an additive telluromolybdate CoTeMoO ₆ . Journal of Molecular Catalysis A, 1999, 145, 301-307.	4.8	4
99	Crystal Structures and Electrical and Optical Properties of MgIn ₂ ^x GaxO ₄ Solid Solutions. Journal of Solid State Chemistry, 1999, 142, 206-213.	2.9	34
100	Preparative Enhancement of the Thermal Stability of Calcium Hydroxyapatites. Journal of Solid State Chemistry, 1999, 142, 319-324.	2.9	11
101	Preparation, Characterization, and Thermal Stability of Lead Hydroxyapatite. Journal of Solid State Chemistry, 1999, 143, 296-302.	2.9	21
102	Electrical and Optical Properties of Transparent Conducting Homologous Compounds in the Indium-Gallium-Zinc Oxide System. Journal of the American Ceramic Society, 1999, 82, 2705-2710.	3.8	45
103	Effects of the Thermal Stability and the Fine Structure Changes of Strontium Hydroxyapatites Ion-Exchanged with Lead on Methane Oxidation in the Presence and Absence of Tetrachloromethane. Journal of Catalysis, 1998, 176, 25-34.	6.2	32
104	Calcium-Lead Hydroxyapatites: Thermal and Structural Properties and the Oxidation of Methane. Journal of Solid State Chemistry, 1998, 135, 86-95.	2.9	24
105	Ion-Exchange Properties of Strontium Hydroxyapatite under Acidic Conditions. Separation Science and Technology, 1998, 33, 1999-2007.	2.5	11
106	Phase Relationships and Physical Properties of Homologous Compounds in the Zinc Oxide-Indium Oxide System. Journal of the American Ceramic Society, 1998, 81, 1310-1316.	3.8	172
107	Phase Equilibria and Properties of Transparent Conductors in the Indium-Tin-Zinc Oxide System. Materials Research Society Symposia Proceedings, 1997, 471, 93.	0.1	0
108	Surface Analysis of Porous Carbon Microelectrodes with an Adsorbed Osmium Complex as a Mediator.. Analytical Sciences, 1997, 13, 303-305.	1.6	1

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109	EFFECTIVENESS OF CALCIUM SILICATE HYDRATE BRIQUETTE PRODUCED FROM FLY ASH AS A MICROORGANISM CARRIER. <i>Zairyo/Journal of the Society of Materials Science, Japan</i> , 1997, 46, 81-87.	0.2	0
110	Surface and bulk properties, catalytic activities and selectivities in methane oxidation on near-stoichiometric calcium hydroxyapatites. <i>Journal of Materials Chemistry</i> , 1996, 6, 459.	6.7	51
111	Synthesis of Vaterite by Carbonation Process in Aqueous System. <i>Journal of the Ceramic Society of Japan</i> , 1996, 104, 1081-1084.	1.3	15
112	Effects of fine structure changes of strontium hydroxyapatites on ion-exchange properties with divalent cations. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1996, 92, 4305.	1.7	41
113	Effect of Atmosphere on the Pyrolysis Process of Basic Calcium Carbonate. <i>Journal of the Ceramic Society of Japan</i> , 1995, 103, 240-244.	1.3	3
114	Micro Enzyme-Sensor with an Osmium Complex and Porous Carbon for Measuring Galactose. <i>Bulletin of the Chemical Society of Japan</i> , 1995, 68, 1921-1927.	3.2	8
115	Spectroscopic study on plate- and sponge-type Raney nickel electrodes for fuel cells. <i>Journal of Materials Chemistry</i> , 1995, 5, 737.	6.7	10
116	Synthesis, Crystal Structure, and Properties of Oxygen-Deficient Lanthanum Nickelate LaNiO_{3-x} ($0 \leq x \leq 0.05$). <i>J. Electrochem. Soc.</i> , 1994, 141, 1000-1004.	3.2	42
117	XAFS Study on the Pyrochlore-Type $\text{Bi}_2\text{XNd}_x\text{Ru}_2\text{O}_7$ Solid-Solutions. <i>Chemistry Letters</i> , 1994, 23, 2021-2022.	1.3	0
118	Optical-luminescence yield spectra produced by x-ray excitation. <i>Physical Review B</i> , 1993, 47, 6918-6930.	3.2	72
119	XAFS Study on Reduction Process of Pauli-Paramagnetic LaNiO_3 to Antiferromagnetic $\text{La}_2\text{Ni}_2\text{O}_5$. <i>Japanese Journal of Applied Physics</i> , 1993, 32, 764.	1.5	8
120	Crystal Structure of Basic Calcium Carbonate and Its Decomposition Process in Water. <i>Journal of the Ceramic Society of Japan</i> , 1993, 101, 1335-1339.	1.3	6
121	Pyrolysis Mechanism of Basic Calcium Carbonate. <i>Journal of the Ceramic Society of Japan</i> , 1993, 101, 895-899.	1.3	3
122	Preparation and Superconductivity of the T-type $(\text{Pr}_{1-x}\text{Gd}_x\text{A}_{0.2}\text{Cu}_{1-z}\text{O})_{1-y}\text{S}_{2y}$ Compounds (A=Ca, Sr). <i>Journal of the Ceramic Society of Japan</i> , 1993, 101, 962-965.	1.3	2
123	Crystal structure analyses of the pyrochlore and fluorite-type $\text{Zr}_2\text{Gd}_2\text{O}_7$ and anti-phase domain structure. <i>Solid State Ionics</i> , 1989, 31, 319-328.	2.7	105
124	Photoluminescence Properties of $(\text{Ba}_{1-x-y}\text{Sr}_x\text{Eu}_y)_2\text{Si}_6\text{O}_{14}$ Phosphors for White LED Applications. <i>Journal of Nano Research</i> , 0, 36, 1-7.		
125	Deposition of IGZO or ITZO Thin Films by Co-Sputtering of IZO and GZO or ITO Targets. <i>Advanced Materials Research</i> , 0, 1110, 197-202.	0.3	2