

Masayuki Nogami

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2188493/publications.pdf>

Version: 2024-02-01

244
papers

7,372
citations

57681

46
h-index

87275

74
g-index

246
all docs

246
docs citations

246
times ranked

9884
citing authors

#	ARTICLE	IF	CITATIONS
1	Pt-Based Multimetal Electrocatalysts and Potential Applications: Recent Advancements in the Synthesis of Nanoparticles by Modified Polyol Methods. <i>Crystals</i> , 2022, 12, 375.	1.0	10
2	Controlled Synthesis of Au Nanoparticles by Modified Polyol Methods: Determination of Their Size, Shape, and Crystal Structure. <i>Crystals</i> , 2021, 11, 1297.	1.0	5
3	Reduction of Sm ³⁺ and Eu ³⁺ ions-co-doped Al ₂ O ₃ -SiO ₂ glasses and photoluminescence properties. <i>Optical Materials</i> , 2020, 100, 109639.	1.7	10
4	SnO ₂ -nanocrystals for enhancing the fluorescence of Eu ³⁺ ions in sol-gel-derived glasses. <i>Journal of Physics and Chemistry of Solids</i> , 2020, 139, 109312.	1.9	6
5	Control Valence and Luminescence Properties of Cerium Ions in Al ₂ O ₃ -SiO ₂ Glasses Prepared by Sol-Gel Method. <i>Journal of Electronic Materials</i> , 2019, 48, 6972-6977.	1.0	3
6	Formation of Ni nanoparticles in Al ₂ O ₃ -SiO ₂ glass by reacting with hydrogen gas. <i>Journal of Materials Science</i> , 2019, 54, 13883-13891.	1.7	8
7	An in-depth study of the Judd-Ofelt analysis, spectroscopic properties and energy transfer of Dy ³⁺ in alumino-lithium-telluroborate glasses. <i>Journal of Luminescence</i> , 2019, 210, 435-443.	1.5	40
8	Novel silicate glasses in the acceleration of hydrogen diffusion for reducing dopant metal ions. <i>Journal of Non-Crystalline Solids</i> , 2019, 503-504, 260-267.	1.5	5
9	Reduction Mechanisms of Cu ²⁺ -Doped Na ₂ O-Al ₂ O ₃ -SiO ₂ Glasses during Heating in H ₂ Gas. <i>Journal of Physical Chemistry B</i> , 2018, 122, 1315-1322.	1.2	5
10	Hierarchical micro/nanoscale NdFe ₁₁ Co oxide and alloy materials synthesized by polyol mediated methods with heat treatment. <i>Materials Letters</i> , 2018, 212, 202-206.	1.3	5
11	One-step fabrication of Cu nanoparticles on silicate glass substrates for surface plasmonic sensors. <i>Journal of Non-Crystalline Solids</i> , 2018, 495, 95-101.	1.5	7
12	Sol-Gel Processing for Spectral Hole-Burning Materials. , 2018, , 2321-2338.		0
13	Controlled Synthesis and Magnetic Properties of Uniform Hierarchical Polyhedral γ -Fe ₂ O ₃ Particles. <i>Journal of Electronic Materials</i> , 2017, 46, 3301-3308.	1.0	10
14	Polyol-Mediated Synthesis, Microstructure and Magnetic Properties of Hierarchical Sphere, Rod, and Polyhedral γ -Fe ₂ O ₃ Oxide Particles. <i>Journal of Electronic Materials</i> , 2017, 46, 3615-3621.	1.0	8
15	Diffusion and reaction of H ₂ gas for reducing Eu ³⁺ ions in glasses. <i>Journal of Physics and Chemistry of Solids</i> , 2017, 105, 54-60.	1.9	6
16	Fluorescence properties of valence-controlled Eu ²⁺ and Mn ²⁺ ions in aluminosilicate glasses. <i>Journal of Luminescence</i> , 2017, 184, 83-88.	1.5	8
17	Controlled Synthesis and Ferrimagnetism of Homogeneous Hierarchical CoFe ₂ O ₄ Particles. <i>Journal of Electronic Materials</i> , 2017, 46, 6001-6008.	1.0	4
18	Control of Oxidation State of Eu Ions in Na ₂ O-Al ₂ O ₃ -SiO ₂ Glasses. <i>Journal of the American Ceramic Society</i> , 2016, 99, 1248-1254.	1.9	17

#	ARTICLE	IF	CITATIONS
19	Dy ³⁺ ions as optical probes for studying structure of boro-tellurite glasses. Journal of Luminescence, 2016, 178, 27-33.	1.5	41
20	Solâ€“Gel Processing for Spectral Hole-Burning Materials. , 2016, , 1-18.		0
21	Related magnetic properties of CoFe ₂ O ₄ cobalt ferrite particles synthesised by the polyol method with NaBH ₄ and heat treatment: new micro and nanoscale structures. RSC Advances, 2015, 5, 56560-56569.	1.7	51
22	Biomedical Applications of Advanced Multifunctional Magnetic Nanoparticles. Journal of Nanoscience and Nanotechnology, 2015, 15, 10091-10107.	0.9	60
23	Investigations on effects of the incorporation of various ionic liquids on PVA based hybrid membranes for proton exchange membrane fuel cells. International Journal of Hydrogen Energy, 2015, 40, 1935-1944.	3.8	40
24	Reduction Mechanism for Eu Ions in Al ₂ O ₃ -Containing Glasses by Heat Treatment in H ₂ Gas. Journal of Physical Chemistry B, 2015, 119, 1778-1784.	1.2	22
25	Synthesis and magnetism of hierarchical iron oxide particles. Materials and Design, 2015, 86, 797-808.	3.3	38
26	Structural investigation and Eu ³⁺ luminescence properties of LaF ₃ :Eu ³⁺ nanophosphors. Journal of Alloys and Compounds, 2015, 644, 77-81.	2.8	10
27	Zinc titanium glycolate acetate hydrate and its transformation to zinc titanate microrods: synthesis, characterization and photocatalytic properties. RSC Advances, 2015, 5, 88590-88601.	1.7	16
28	Large-scale template-free synthesis of ordered mesoporous platinum nanocubes and their electrocatalytic properties. Nanoscale, 2015, 7, 19461-19467.	2.8	20
29	Controlled synthesis and characterization of iron oxide micro-particles for Fe-air battery electrode material. Colloid and Polymer Science, 2015, 293, 49-63.	1.0	13
30	Iron Oxide Nanoparticles for Next Generation Gas Sensors. International Journal of Metallurgical & Materials Engineering, 2015, 1, .	0.1	30
31	Synthesis and Characterization of Fe-Based Metal and Oxide Based Nanoparticles: Discoveries and Research Highlights of Potential Applications in Biology and Medicine. Recent Patents on Nanotechnology, 2014, 8, 52-61.	0.7	22
32	Glass Structures and Linear/Nonlinear Optical Properties of Ag ₂ O-Doped TeO ₂ Glasses. Key Engineering Materials, 2014, 617, 141-144.	0.4	1
33	Controlled Synthesis of Porous Platinum Nanostructures for Catalytic Applications. Journal of Nanoscience and Nanotechnology, 2014, 14, 1194-1208.	0.9	9
34	Controlled synthesis and characterization of iron oxide nanostructures with potential applications for gas sensors and the environment. RSC Advances, 2014, 4, 6383.	1.7	29
35	Gas-sensing properties of p-type Î±-Fe ₂ O ₃ polyhedral particles synthesized via a modified polyol method. RSC Advances, 2014, 4, 8250.	1.7	38
36	The controlled fabrication of â€œTip-On-Tipâ€•TERS probes. RSC Advances, 2014, 4, 4718-4722.	1.7	12

#	ARTICLE	IF	CITATIONS
37	Proton conductivity and structural properties of precursors mixed PVA/PWA-based hybrid composite membranes. <i>Journal of Solid State Electrochemistry</i> , 2014, 18, 97-104.	1.2	14
38	Ultra-high stability and durability of iron oxide micro- and nano-structures with discovery of new three-dimensional structural formation of grain and boundary. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 456, 184-194.	2.3	13
39	Influence of glutaraldehyde cross-linking with polymer/heteropolyacid membranes. <i>Emerging Materials Research</i> , 2014, 3, 85-90.	0.4	2
40	The Recent Patents and Highlights of Functionally Engineered Nanoparticles for Potential Applications in Biology, Medicine, and Nanomedicine. <i>Current Physical Chemistry</i> , 2014, 4, 173-194.	0.1	7
41	Cathodoluminescence properties of Pr ³⁺ -doped perovskite-type transparent red luminescent thin films processed by a sol-gel method. <i>Journal of Sol-Gel Science and Technology</i> , 2013, 65, 324-328.	1.1	3
42	The development of mixture, alloy, and core-shell nanocatalysts with nanomaterial supports for energy conversion in low-temperature fuel cells. <i>Nano Energy</i> , 2013, 2, 636-676.	8.2	246
43	Effect of A-site cation disorder on oxygen diffusion in perovskite-type Ba _{0.5} Sr _{0.5} Co _{1-x} FexO _{2.5} . <i>Journal of Materials Chemistry A</i> , 2013, 1, 10345.	5.2	22
44	Synthesis and Self-Assembly of Gold Nanoparticles by Chemically Modified Polyol Methods under Experimental Control. <i>Journal of Nanomaterials</i> , 2013, 2013, 1-8.	1.5	11
45	Shape-Controlled Metal Nanoparticles and Their Assemblies with Optical Functionalities. <i>Journal of Nanomaterials</i> , 2013, 2013, 1-17.	1.5	33
46	Platinum and Palladium Nano-Structured Catalysts for Polymer Electrolyte Fuel Cells and Direct Methanol Fuel Cells. <i>Journal of Nanoscience and Nanotechnology</i> , 2013, 13, 4799-4824.	0.9	44
47	Fabrication and electrochemical performance of lithium polymer battery using mesoporous silica/polymer hybrid electrolyte. <i>Journal of the Ceramic Society of Japan</i> , 2013, 121, 723-729.	0.5	5
48	Engineering Nanostructures of Inorganic Materials for Optical and Chemical Applications. <i>Journal of Nanomaterials</i> , 2013, 2013, 1-1.	1.5	1
49	Sharp cubic and octahedral morphologies of poly(vinylpyrrolidone)-stabilised platinum nanoparticles by polyol method in ethylene glycol: their nucleation, growth and formation mechanisms. <i>Journal of Experimental Nanoscience</i> , 2012, 7, 133-149.	1.3	17
50	Structure and morphology of platinum nanoparticles with critical new issues of low- and high-index facets. <i>Advances in Natural Sciences: Nanoscience and Nanotechnology</i> , 2012, 3, 025005.	0.7	32
51	New Experimental Evidences of Pt-Pd Bimetallic Nanoparticles with Core-Shell Configuration and Highly Fine-Ordered Nanostructures by High-Resolution Electron Transmission Microscopy. <i>Journal of Physical Chemistry C</i> , 2012, 116, 12265-12274.	1.5	39
52	Novel issues of morphology, size, and structure of Pt nanoparticles in chemical engineering: surface attachment, aggregation or agglomeration, assembly, and structural changes. <i>New Journal of Chemistry</i> , 2012, 36, 1320.	1.4	38
53	A concerted migration mechanism of mixed oxide ion and electron conduction in reduced ceria studied by first-principles density functional theory. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 6079.	1.3	55
54	Effects of SiO ₂ and P ₂ O ₅ on structural, thermal and conductivity properties of inorganic materials doped with PVDF. <i>RSC Advances</i> , 2012, 2, 9596.	1.7	11

#	ARTICLE	IF	CITATIONS
55	First-principles density functional calculation of electrochemical stability of fast Li ion conducting garnet-type oxides. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 10008.	1.3	66
56	Global minimum structure search in Li_xCoO_2 composition using a hybrid evolutionary algorithm. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 13095.	1.3	12
57	Proton conduction in ionic liquid-modified $\text{P}_2\text{O}_5\text{-SiO}_2$ glasses. <i>Journal of Non-Crystalline Solids</i> , 2012, 358, 3495-3500.	1.5	6
58	Multivariate Method-Assisted <i>Ab Initio</i> Study of Olivine-Type LiMXO_4 (Main Group) Tj ETQq0 0 0 rgBT /Overlock 10 Solid Electrolytes. <i>Chemistry of Materials</i> , 2012, 24, 1357-1364.	3.2	57
59	Controlled fabrication of silver nanoneedles array for SERS and their application in rapid detection of narcotics. <i>Nanoscale</i> , 2012, 4, 2663.	2.8	122
60	Controlled synthesis and properties of palladium nanoparticles. <i>Journal of Experimental Nanoscience</i> , 2012, 7, 426-439.	1.3	17
61	Synthesis of mixed composite membranes based polymer/HPA: Electrochemical performances on low temperature PEMFCs. <i>Journal of Membrane Science</i> , 2012, 411-412, 109-116.	4.1	9
62	Experimental Evidences of Crystal Nucleation and Growth of Platinum Nanoparticles with Most Characteristic Roughness Heteromorphologies and Nanostructures from Homogeneous Solution. <i>Journal of Advanced Microscopy Research</i> , 2012, 7, 98-117.	0.3	2
63	Pt and Pd Based Catalysts with Novel Alloy and Core-Shell Nanostructures for Practical Applications in Next Fuel Cells: Patents and Highlights. <i>Recent Patents on Materials Science</i> , 2012, 5, 175-190.	0.5	6
64	A novel proton conductor of imidazole-aluminium phosphate hybrids in the solid state. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 9439.	1.3	9
65	Anhydrous Proton Conducting Hybrid Membrane Electrolytes for High Temperature ($>100^\circ\text{C}$) Proton Exchange Membrane Fuel Cells. <i>Journal of the Electrochemical Society</i> , 2011, 158, B376.	1.3	14
66	Tuned longitudinal surface plasmon resonance and third-order nonlinear optical properties of gold nanorods. <i>Nanotechnology</i> , 2011, 22, 275203.	1.3	46
67	Variation in Eu^{3+} luminescence properties of $\text{GdF}_3:\text{Eu}^{3+}$ nanophosphors depending on matrix GdF_3 polytype. <i>Journal of Alloys and Compounds</i> , 2011, 509, 2076-2080.	2.8	21
68	Synthesis and characterization of Pt-Pd nanoparticles with core-shell morphology: Nucleation and overgrowth of the Pd shells on the as-prepared and defined Pt seeds. <i>Journal of Alloys and Compounds</i> , 2011, 509, 7702-7709.	2.8	28
69	Novel hybrid proton exchange membrane electrolytes for medium temperature non-humidified fuel cells. <i>Journal of Alloys and Compounds</i> , 2011, 509, 2238-2242.	2.8	17
70	Shape-controlled synthesis of Pt-Pd core-shell nanoparticles exhibiting polyhedral morphologies by modified polyol method. <i>Acta Materialia</i> , 2011, 59, 2901-2907.	3.8	58
71	Asymmetry in anodic and cathodic polarization profile for LiFePO_4 positive electrode in rechargeable Li ion battery. <i>Journal of the Ceramic Society of Japan</i> , 2011, 119, 692-696.	0.5	12
72	Reversible Control in Surface Plasmon Resonance Wavelength of Gold Nanoparticles by Using Polydimethylsiloxane (PDMS). <i>IOP Conference Series: Materials Science and Engineering</i> , 2011, 18, 082008.	0.3	5

#	ARTICLE	IF	CITATIONS
73	Photoluminescence Properties and 5D0 Decay Analysis of LaF ₃ :Eu ³⁺ Nanocrystals Prepared by Using Surfactant Assist. <i>International Journal of Applied Ceramic Technology</i> , 2011, 8, 741-751.	1.1	26
74	Structures and Third-Order Optical Nonlinearities of BiO _{1.5} -WO ₃ -TeO ₂ Glasses. <i>Journal of the American Ceramic Society</i> , 2011, 94, 1434-1439.	1.9	10
75	A comparative study of Pt and Pt@Pd core-shell nanocatalysts. <i>Electrochimica Acta</i> , 2011, 56, 9133-9143.	2.6	68
76	Synthesis and characterization of polyhedral and quasi-sphere non-polyhedral Pt nanoparticles: effects of their various surface morphologies and sizes on electrocatalytic activity for fuel cell applications. <i>Journal of Nanoparticle Research</i> , 2011, 13, 5177-5191.	0.8	18
77	Effects of heat treatment and poly(vinylpyrrolidone) (PVP) polymer on electrocatalytic activity of polyhedral Pt nanoparticles towards their methanol oxidation. <i>Colloid and Polymer Science</i> , 2011, 289, 1373-1386.	1.0	66
78	Copper reduction and hydroxyl formation by hydrogen process in aluminosilicate glasses. <i>Journal of Physics and Chemistry of Solids</i> , 2011, 72, 151-157.	1.9	4
79	Electrochemical characterization of a porous Pt nanoparticle @ Nanocube-Mosaic prepared by a modified polyol method with HCl addition. <i>Nano Research</i> , 2011, 4, 746-758.	5.8	6
80	Proton-conducting hybrid membranes for medium temperature (>100°C) fuel cells. <i>Ionics</i> , 2011, 17, 287-291.	1.2	2
81	Optical properties and Judd-Ofelt parameters of Sm ³⁺ doped BiO _{1.5} -WO ₃ -TeO ₂ glasses. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2011, 8, 2597-2600.	0.8	4
82	Raman spectra and third-order nonlinear optical Z-scan properties of MO-Nb ₂ O ₅ -TeO ₂ (M=Zn, Mg, Ca). <i>Journal of Applied Physics</i> , 2011, 110, 083508.	0.8	6
83	Synthesis and characterization of Pt@Pd alloy and core-shell bimetallic nanoparticles for direct methanol fuel cells (DMFCs): Enhanced electrocatalytic properties of well-shaped core-shell morphologies and nanostructures. <i>International Journal of Hydrogen Energy</i> , 2011, 36, 8478-8491.	3.8	146
84	Optical detection of near infrared femtosecond laser-heating of Er ³⁺ -doped ZnO@Nb ₂ O ₅ -TeO ₂ glass by green up-conversion fluorescence of Er ³⁺ ions. <i>Journal of Luminescence</i> , 2011, 131, 843-849.	1.5	11
85	Synthesis and characterization of polyhedral Pt nanoparticles: Their catalytic property, surface attachment, self-aggregation and assembly. <i>Journal of Colloid and Interface Science</i> , 2011, 359, 339-350.	5.0	62
86	Highly monodisperse cubic and octahedral rhodium nanocrystals: Their evolutions from sharp polyhedrons into branched nanostructures and surface-enhanced Raman scattering. <i>Journal of Crystal Growth</i> , 2011, 320, 78-89.	0.7	23
87	Doping Effect of Transition Metal Ions on Magnetic and Optical Properties of EuO-Al ₂ O ₃ -SiO ₂ Glass. <i>IOP Conference Series: Materials Science and Engineering</i> , 2011, 18, 112013.	0.3	0
88	Preparation of Gold Nano-Cones as Surface-Enhanced Raman Scattering Sensors for Molecule Detection. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 10930-10934.	0.9	3
89	An Amperometric Sensor for Nanomolar Detection of Hydrogen Peroxide Based on Encapsulation of Horseradish Peroxidase in Thymol Blue-Ormosil Composite. <i>Sensor Letters</i> , 2011, 9, 1323-1330.	0.4	6
90	Inorganic-organic hybrid membranes with anhydrous proton conduction prepared from tetramethoxysilane/methyl-trimethoxysilane/trimethylphosphate and 1-ethyl-3-methylimidazolium-bis(trifluoromethanesulfonyl) imide for H ₂ /O ₂ fuel cells. <i>Electrochimica Acta</i> , 2010, 55, 1160-1168.	2.6	48

#	ARTICLE	IF	CITATIONS
91	Anhydrous proton-conducting organic-inorganic hybrid membranes synthesized from tetramethoxysilane/methyltrimethoxysilane/diisopropyl phosphite and ionic liquid. Ionics, 2010, 16, 385-395.	1.2	9
92	Synthesis and characterization of transparent silica-based aerogels using methyltrimethoxysilane precursor. Journal of Sol-Gel Science and Technology, 2010, 56, 107-113.	1.1	6
93	The synthesis and photoluminescent properties of one-dimensional ZnMoO ₄ :Eu ³⁺ nanocrystals. Materials Letters, 2010, 64, 1644-1646.	1.3	18
94	Metal oxide doping effects on Raman spectra and third-order nonlinear susceptibilities of thallium tellurite glasses. Scripta Materialia, 2010, 62, 806-809.	2.6	16
95	First-Principles Studies on Novel Polar Oxide ZnSnO ₃ ; Pressure-Induced Phase Transition and Electric Properties. Advanced Materials, 2010, 22, 2579-2582.	11.1	50
96	Nonlinear optical properties and glass structure for MO-Nb ₂ O ₅ -TeO ₂ (M=Zn, Mg, Ca, Sr, Ba) glasses. Optical Materials, 2010, 32, 448-455.	1.7	63
97	The affects of doping Eu ³⁺ on structures and morphology of ZrO ₂ nanocrystals. Optical Materials, 2010, 32, 1139-1141.	1.7	16
98	The photoluminescent properties of Eu ³⁺ in MgO-Ga ₂ O ₃ -SiO ₂ nanocrystalline glass-ceramic. Journal of Physics and Chemistry of Solids, 2010, 71, 1656-1659.	1.9	2
99	Optical oxygen sensors based on platinum porphyrin dyes encapsulated in ORMOSILS. Sensors and Actuators B: Chemical, 2010, 147, 741-747.	4.0	33
100	Ab initio prediction for the ionic conduction of lithium in LiInSiO_4 and LiInMgSiO_4 . Solid State Communications, 2010, 150, 1329-1333.	0.9	11
101	Ab initio prediction for the ionic conduction of lithium in LiInSiO_4 and LiInMgSiO_4 . Solid State Communications, 2010, 150, 1329-1333.	0.9	29
102	Proton conducting organic-inorganic composite membranes under anhydrous conditions synthesized from tetraethoxysilane/methyltriethoxysilane/trimethyl phosphate and 1-butyl-3-methylimidazolium tetrafluoroborate. Solid State Ionics, 2010, 181, 760-766.	1.3	27
103	Ionic conductivity of lithium in spinel-type Li ₄ /3Ti ₅ /3O ₄ -LiMg ₁ /2Ti ₃ /2O ₄ solid-solution system. Solid State Ionics, 2010, 181, 994-1001.	1.3	30
104	Synthesis and characterization of anhydrous proton conducting inorganic-organic composite membranes for medium temperature proton exchange membrane fuel cells (PEMFCs). Energy, 2010, 35, 5260-5268.	4.5	39
105	Hydrogen Gas Reaction with Eu ³⁺ -Doped Al ₂ O ₃ -SiO ₂ Glasses. Journal of the American Ceramic Society, 2010, 93, 1663-1667.	1.9	5
106	Hydrogen Gas Permeation Through Al ₂ O ₃ -SiO ₂ Glasses Containing Metal Ions. Journal of the American Ceramic Society, 2010, 93, 3752-3756.	1.9	10
107	Selective Synthesis and Luminescence Properties of Nanocrystalline GdF ₃ :Eu ³⁺ with Hexagonal and Orthorhombic Structures. Journal of Nanomaterials, 2010, 2010, 1-7.	1.5	38
108	Anhydrous Proton Conducting Inorganic-Organic Composite Membranes Based on Tetraethoxysilane/Ethyl-Triethoxysilane/Trimethylphosphate and 1-Butyl-3-methylimidazolium-bis(trifluoromethylsulfonyl)imide. Journal of the Electrochemical Society, 2010, 157, B892.	1.3	16

#	ARTICLE	IF	CITATIONS
109	Solvothermal synthesis of platinum nanoparticles and their SERS properties. Proceedings of SPIE, 2010, , .	0.8	4
110	Chemical synthesis and characterization of palladium nanoparticles. Advances in Natural Sciences: Nanoscience and Nanotechnology, 2010, 1, 035012.	0.7	62
111	Synthesis of Porous Single-Crystalline Platinum Nanocubes Composed of Nanoparticles. Journal of Physical Chemistry Letters, 2010, 1, 568-571.	2.1	46
112	The synthesis and characterization of platinum nanoparticles: a method of controlling the size and morphology. Nanotechnology, 2010, 21, 035605.	1.3	95
113	Factors affecting cyclic durability of all-solid-state lithium polymer batteries using poly(ethylene) Tj ETQq1 1 0.784314.rgBT /Overlock 15.6 125	1.5	2
114	Novel ceramic composite membranes for low-temperature fuel cells. Journal of Non-Crystalline Solids, 2010, 356, 2799-2802.	1.5	2
115	Aligned gold nanoneedle arrays for surface-enhanced Raman scattering. Nanotechnology, 2010, 21, 325701.	1.3	35
116	Fabrication and surface-enhanced Raman scattering properties of gold nanostructures. , 2010, , .		0
117	Synthesis, characterization and electrochemical properties of SiO ₂ /P ₂ O ₅ /TiO ₂ /ZrO ₂ glass membranes as proton conducting electrolyte for low-temperature H ₂ /O ₂ fuel cells. Journal Physics D: Applied Physics. 2009, 42, 215501.	1.3	5
118	Shape control synthesis of multi-branched gold nanoparticles. Materials Chemistry and Physics, 2009, 115, 229-234.	2.0	59
119	Process window for the synthesis of Ag wires through polyol process. Materials Chemistry and Physics, 2009, 116, 1-5.	2.0	13
120	Synthesis and characterization of proton conducting inorganic-organic hybrid nanocomposite membranes based on tetraethoxysilane/trimethylphosphate/3-glycidoxypropyltrimethoxysilane/heteropoly acids. Electrochimica Acta, 2009, 54, 4731-4740.	2.6	43
121	Gas sensor with excellent selectivity to hydrogen gas. Sensors and Actuators B: Chemical, 2009, 142, 7-10.	4.0	6
122	Blue light emission from Eu ²⁺ ions in sol-gel-derived Al ₂ O ₃ /SiO ₂ glasses. Journal of Luminescence, 2009, 129, 1055-1059.	1.5	24
123	PMA/ZrO ₂ /P ₂ O ₅ /SiO ₂ glass composite membranes: H ₂ /O ₂ fuel cells. Journal of Membrane Science, 2009, 334, 123-128.	4.1	21
124	Synthesis and Characterization of Proton Conducting Inorganic-Organic Hybrid Nanocomposite Membranes Based on mixed PWA-PMA-TEOS-GPTMS-H ₃ PO ₄ -APTES for H ₂ /O ₂ Fuel Cells. Journal of Physical Chemistry C, 2009, 113, 14540-14550.	1.5	30
125	The preparation and characterization of TiO ₂ /ZrO ₂ composites doped with PMA/PWA. Journal of the Ceramic Society of Japan, 2009, 117, 411-414.	0.5	2
126	Fabricating Au-Ag core-shell composite films for surface-enhanced Raman scattering. Journal of Materials Science, 2008, 43, 5390-5393.	1.7	34

#	ARTICLE	IF	CITATIONS
127	Synthesis and proton conductivity of large-sized crack-free mesostructured phosphorus-oxide-doped silica monoliths. <i>Microporous and Mesoporous Materials</i> , 2008, 111, 343-349.	2.2	15
128	Preparation of Au@Ag, Ag@Au core-shell bimetallic nanoparticles for surface-enhanced Raman scattering. <i>Scripta Materialia</i> , 2008, 58, 862-865.	2.6	233
129	Upconversion luminescence properties of europium in ZnO@SiO ₂ glasses by femtosecond laser excitation. <i>Materials Chemistry and Physics</i> , 2008, 107, 186-188.	2.0	9
130	Estimation of the fs laser spot temperature inside TeO ₂ @ZnO@Nb ₂ O ₅ glass by using up-conversion green fluorescence of Er ³⁺ ions. <i>Journal of Alloys and Compounds</i> , 2008, 451, 77-80.	2.8	34
131	Photoluminescent changes of Eu ³⁺ in ZnO@SiO ₂ glasses induced by femtosecond laser. <i>Journal of Alloys and Compounds</i> , 2008, 462, 187-191.	2.8	4
132	End-to-End Assembly of CTAB-Stabilized Gold Nanorods by Citrate Anions. <i>Journal of Physical Chemistry C</i> , 2008, 112, 10632-10636.	1.5	43
133	Proton-Conducting Glass Electrolyte. <i>Analytical Chemistry</i> , 2008, 80, 506-508.	3.2	37
134	Fabrication of Twin-Linked Gold Nanoparticles and Their Linear/Nonlinear Optical Properties. <i>Journal of Physical Chemistry C</i> , 2008, 112, 13917-13921.	1.5	12
135	Excitation-emission properties of Er ³⁺ ions doped in nonlinear optical TeO ₂ -Nb ₂ O ₅ -ZnO glass by 800 nm femtosecond laser excitation. <i>Journal of the Ceramic Society of Japan</i> , 2008, 116, 1092-1095.	0.5	6
136	Characterization and Performance Improvement of H ₂ /O ₂ Fuel Cells Based on Glass Membranes. <i>Journal of the Electrochemical Society</i> , 2007, 154, B845.	1.3	16
137	Magnetic Properties of EuO-Al ₂ O ₃ -B ₂ O ₃ -SiO ₂ Glasses with High Eu ²⁺ Concentration. <i>Journal of the Ceramic Society of Japan</i> , 2007, 115, 602-604.	0.5	3
138	Proton conductivity of cubic silica-based mesostructured monolithic membranes. <i>Studies in Surface Science and Catalysis</i> , 2007, , 591-594.	1.5	0
139	Enhanced Photocatalytic Activities of Core-Shell Au@Titanate Nanoparticles. <i>Chemistry Letters</i> , 2007, 36, 128-129.	0.7	1
140	Structural and Transport Properties of Mixed Phosphotungstic Acid/Phosphomolybdic Acid/SiO ₂ Glass Membranes for H ₂ /O ₂ Fuel Cells. <i>Chemistry of Materials</i> , 2007, 19, 3604-3610.	3.2	81
141	Facile assembling of gold nanorods with large aspect ratio and their surface-enhanced Raman scattering properties. <i>Applied Physics Letters</i> , 2007, 90, 261908.	1.5	50
142	Facile One-Step Synthesis of Highly Ordered Bimodal Mesoporous Phosphosilicate Monoliths. <i>Journal of the American Chemical Society</i> , 2007, 129, 11878-11879.	6.6	25
143	Solvothermal Synthesis of Multiple Shapes of Silver Nanoparticles and Their SERS Properties. <i>Journal of Physical Chemistry C</i> , 2007, 111, 9095-9104.	1.5	324
144	Controlling the aggregation behavior of gold nanoparticles. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2007, 140, 172-176.	1.7	77

#	ARTICLE	IF	CITATIONS
145	Redox equilibrium of samarium ions doped in Al ₂ O ₃ -SiO ₂ glasses. Journal of Luminescence, 2007, 124, 291-296.	1.5	11
146	Roles of Oxygen and Hydrogen in the Amorphization of Cristobalite. Journal of the American Ceramic Society, 2007, 90, 3268-3273.	1.9	3
147	Self-Assembled Silver Nanochains for Surface-Enhanced Raman Scattering. Langmuir, 2007, 23, 12042-12047.	1.6	128
148	Eu ³⁺ -fluorescence properties in nano-crystallized SnO ₂ -SiO ₂ glass-ceramics. Journal of Sol-Gel Science and Technology, 2007, 41, 231-236.	1.1	12
149	Local structure and photoluminescent characteristics of Eu ³⁺ in ZnO-SiO ₂ glasses. Journal of Sol-Gel Science and Technology, 2007, 43, 355-360.	1.1	10
150	Preparation of gold nanoparticles (GNP) aqueous suspensions by a new method involving Tiron. Journal of Materials Science, 2007, 42, 80-86.	1.7	7
151	Aligned silver nanorod arrays for surface-enhanced Raman scattering. Nanotechnology, 2006, 17, 2670-2674.	1.3	57
152	Optical properties and valence change of samarium ions in a sol-gel Al ₂ O ₃ -B ₂ O ₃ -SiO ₂ glass by femtosecond laser irradiation. Journal of Non-Crystalline Solids, 2006, 352, 2778-2782.	1.5	19
153	Proton-conducting Ordered Mesoporous Silica Monoliths. Chemistry Letters, 2006, 35, 972-973.	0.7	16
154	Photon-excited fluorescence of rare-earth ions-doped glasses by femtosecond laser irradiation. , 2006, , .		0
155	Hydrogen sensor prepared using fast proton-conducting glass films. Sensors and Actuators B: Chemical, 2006, 120, 266-269.	4.0	24
156	Hygroscopic-oxides/Nafion [®] hybrid electrolyte for direct methanol fuel cells. Journal of Membrane Science, 2006, 281, 619-625.	4.1	25
157	² P-Band Photoluminescence and Sn-E' Center Generation from Twofold-Coordinated Sn Centers in SiO ₂ Glasses Produced via Sol-Gel Method. Japanese Journal of Applied Physics, 2006, 45, 5078-5083.	0.8	32
158	Electric double-layer capacitor based on zinc metaphosphate glass-derived hydrogel. Applied Physics Letters, 2006, 88, 153501.	1.5	4
159	Preparation of Fast Proton-Conducting Zinc Metaphosphate Hydrogel and Its Potential Application to Electric Double-layer Capacitors. Chemistry Letters, 2005, 34, 24-25.	0.7	6
160	Preparation of bonelike apatite composite for tissue engineering scaffold. Science and Technology of Advanced Materials, 2005, 6, 48-53.	2.8	29
161	High luminescence quantum efficiency of Eu ³⁺ -doped SnO ₂ -SiO ₂ glasses due to excitation energy transfer from nano-sized SnO ₂ crystals. Science and Technology of Advanced Materials, 2005, 6, 66-70.	2.8	38
162	Surface Potential of Poly(lactic acid) Composites Containing Calcium Carbonates in Simulated Body Fluid. Journal of the American Ceramic Society, 2005, 88, 1964-1966.	1.9	2

#	ARTICLE	IF	CITATIONS
163	Room temperature single electron transistor with two-dimensional array of Au@SiO ₂ core-shell nanoparticles. <i>Science and Technology of Advanced Materials</i> , 2005, 6, 71-75.	2.8	38
164	Spectral Hole-Burning in Femtosecond Laser-Irradiated Eu ³⁺ -Doped Aluminosilicate Glasses. <i>Journal of Sol-Gel Science and Technology</i> , 2005, 33, 47-50.	1.1	2
165	Three-photon-excited fluorescence of Al ₂ O ₃ -SiO ₂ glass containing Eu ³⁺ ions by femtosecond laser irradiation. <i>Applied Physics Letters</i> , 2004, 84, 2076-2078.	1.5	32
166	Modifying Nafion with Nanostructured Inorganic Oxides for Proton Exchange Membrane Fuel Cells. <i>Materials Research Society Symposia Proceedings</i> , 2004, 822, S8.4.1.	0.1	4
167	Proton Conduction in Nanopore-Controlled Silica Glasses. <i>Journal of Sol-Gel Science and Technology</i> , 2004, 31, 359-364.	1.1	12
168	Proton-Conducting Phosphosilicate Films Prepared Using Template for Pore Structure. <i>Journal of Sol-Gel Science and Technology</i> , 2004, 32, 185-188.	1.1	5
169	Enhancement of 5D0-7FJ Emissions of Eu ³⁺ Ions in the Vicinity of Polymer-Protected Au Nanoparticles in Sol-Gel-Derived B ₂ O ₃ -SiO ₂ Glass. <i>Journal of Physical Chemistry B</i> , 2004, 108, 11301-11307.	1.2	55
170	Local structure and persistent spectral hole burning of the Eu ³⁺ ion in SnO ₂ -SiO ₂ glass containing SnO ₂ nanocrystals. <i>Journal of Applied Physics</i> , 2004, 95, 2781-2785.	1.1	18
171	ELECTRIC DOUBLE LAYER CAPACITORS BASED ON PHOSPHATE GLASS-DERIVED HYDROGELS PREPARED BY A CHEMICOVECTORIAL METHOD. <i>Phosphorus Research Bulletin</i> , 2004, 17, 85-90.	0.1	1
172	Joining of Calcium Phosphate Invert Glass-Ceramics on a Ti-Type Titanium Alloy. <i>Journal of the American Ceramic Society</i> , 2003, 86, 1031-1033.	1.9	14
173	White light emission from radical carbonyl-terminations in Al ₂ O ₃ -SiO ₂ porous glasses with high luminescence quantum efficiencies. <i>Applied Physics Letters</i> , 2003, 82, 2975-2977.	1.5	76
174	Ordered mesoporous phosphosilicate glass electrolyte film with low area specific resistivity. <i>Chemical Communications</i> , 2003, , 236-237.	2.2	26
175	Self-assembled semiconductor capped metal composite nanoparticles embedded in BaTiO ₃ thin films for nonlinear optical applications Electronic supplementary information (ESI) available: results obtained for Au@CdS composite nanoparticles prepared by the same route. See http://www.rsc.org/suppdata/im/b3/b306590a1 . <i>Journal of Materials Chemistry</i> , 2003, 13, 3026.	6.7	33
176	Nanocrystalline SnO ₂ Particles and Twofold-coordinated Sn Defect Centers in Sol-gel-derived SnO ₂ -SiO ₂ Glasses. <i>Journal of Materials Research</i> , 2002, 17, 1305-1311.	1.2	24
177	Redox equilibrium and spectral hole burning in Sm ²⁺ -doped Al ₂ O ₃ -SiO ₂ glasses. <i>Journal of Materials Research</i> , 2002, 17, 2053-2058.	1.2	12
178	Biomimetic apatite formation on poly(lactic acid) composites containing calcium carbonates. <i>Journal of Materials Research</i> , 2002, 17, 727-730.	1.2	34
179	Manganese-Doping Effects on Magneto-Optical Properties of Terbium Borate Glass. <i>Journal of the Ceramic Society of Japan</i> , 2002, 110, 970-974.	1.3	0
180	Water can Functionalize the Sol-Gel-Derived Glasses. <i>Journal of the Ceramic Society of Japan</i> , 2002, 110, 796-800.	1.3	1

#	ARTICLE	IF	CITATIONS
181	Formation of Sm ²⁺ Ions and Spectral Hole Burning in X-ray Irradiated Glasses. Journal of Physical Chemistry B, 2002, 106, 5395-5399.	1.2	31
182	Faraday Rotation Effect of Highly Tb ₂ O ₃ /Dy ₂ O ₃ -Concentrated B ₂ O ₃ -Ga ₂ O ₃ -SiO ₂ -P ₂ O ₅ Glasses. Chemistry of Materials, 2002, 14, 3223-3225.	3.2	65
183	Proton Conduction and Pore Structure in Sol-Gel Glasses. Chemistry of Materials, 2002, 14, 4624-4627.	3.2	66
184	Enhanced fluorescence of Eu ³⁺ induced by energy transfer from nanosized SnO ₂ crystals in glass. Journal of Luminescence, 2002, 97, 147-152.	1.5	171
185	Energy migration of the local excitation at the Eu ³⁺ site in a Eu-O chemical cluster in sol-gel derived SiO ₂ :Eu ³⁺ glasses. Journal of Applied Physics, 2001, 90, 2200-2205.	1.1	28
186	Preparation of Porous Microspheres in the SiO ₂ -ZrO ₂ -CaO-Na ₂ O System from Silica Gels.. Journal of the Ceramic Society of Japan, 2001, 109, 992-999.	1.3	6
187	Preparation of Machineable Glass-Ceramics in the Na ₂ O-CaO-TiO ₂ -P ₂ O ₅ System.. Journal of the Ceramic Society of Japan, 2001, 109, 719-721.	1.3	1
188	BIOMIMETIC APATITE FORMATION ON CALCIUM PHOSPHATE INVERT GLASSES. Phosphorus Research Bulletin, 2001, 12, 39-44.	0.1	8
189	Machinable calcium pyrophosphate glass-ceramics. Journal of Materials Research, 2001, 16, 876-880.	1.2	19
190	Apatite Formation on Calcium Phosphate Invert Glasses in Simulated Body Fluid. Journal of the American Ceramic Society, 2001, 84, 450-52.	1.9	67
191	Prospects of Sol-Gel Process for Spectral Hole-Burning Glasses. Journal of Sol-Gel Science and Technology, 2000, 19, 253-256.	1.1	0
192	Energy Transfer Between Eu ³⁺ Ions and CdS Quantum Dots in Sol-Gel Derived CdS/SiO ₂ : Eu ³⁺ Gel. Journal of Sol-Gel Science and Technology, 2000, 19, 779-783.	1.1	30
193	Title is missing!. Journal of Sol-Gel Science and Technology, 2000, 19, 383-386.	1.1	9
194	Hydrogen Gas Sensing of High Electrical Conducting-P ₂ O ₅ -SiO ₂ Glasses Prepared by Sol-Gel Process. Journal of Sol-Gel Science and Technology, 2000, 19, 559-562.	1.1	6
195	Surface modification of calcium metaphosphate fibers. Journal of Materials Science: Materials in Medicine, 2000, 11, 223-225.	1.7	8
196	Newly designed organic/inorganic film for optical second-harmonic generation. Journal of Materials Research, 2000, 15, 530-535.	1.2	4
197	Persistent spectral hole burning of rare-earth ions doped in sol-gel glasses. , 2000, , .		2
198	Room-temperature photochemical hole burning in Eu ³⁺ -doped Al ₂ O ₃ -SiO ₂ glass. Applied Physics Letters, 1999, 75, 3072-3075.	1.5	37

#	ARTICLE	IF	CITATIONS
199	Room temperature spectral hole burning and electron transfer in Sm-doped aluminosilicate glasses. Journal of Applied Physics, 1999, 86, 5619-5623.	1.1	10
200	Lead phthalocyanine incorporated in sol and gel. Journal of Materials Science, 1999, 34, 3053-3055.	1.7	3
201	Title is missing!. Journal of Materials Science Letters, 1999, 18, 2021-2023.	0.5	10
202	Solid type silicon-phthalocyanine-conjugated hybrids with strong optical limiting effect. Journal of Materials Science Letters, 1999, 18, 1837-1839.	0.5	10
203	Protonic Conduction in P2O5-SiO2 Glasses Prepared by Sol-Gel Method. Journal of Sol-Gel Science and Technology, 1999, 14, 273-279.	1.1	16
204	Block Copolymer Mediated Synthesis of Gold Quantum Dots and Novel Gold~Polypyrrole Nanocomposites. Journal of Physical Chemistry B, 1999, 103, 7441-7448.	1.2	115
205	Field enhancement effect of small Ag particles on the fluorescence from Eu3+-doped SiO2 glass. Applied Physics Letters, 1999, 74, 1513-1515.	1.5	313
206	High Proton Conductivity in Porous P2O5~SiO2Glasses. Journal of Physical Chemistry B, 1999, 103, 9468-9472.	1.2	112
207	Role of P2O5 on Protonic Conduction in Sol-Gel-Derived Binary Phosphosilicate Glasses.. Journal of the Ceramic Society of Japan, 1999, 107, 1037-1040.	1.3	8
208	Titanium Phosphate Glass~Ceramics with Silver Ion Exchangeability. Journal of the American Ceramic Society, 1999, 82, 765-767.	1.9	18
209	POLYLACTIC ACID COMPOSITES CONTAINING HYDROXYAPATITE FIBERS. , 1999, , .		1
210	Role of Water on Fast Proton Conduction in Sol-Gel Glasses. Journal of Sol-Gel Science and Technology, 1998, 13, 933-936.	1.1	27
211	Polymer-protected gold clusters in silica glass. Materials Letters, 1998, 37, 156-161.	1.3	19
212	Effect of OH bonds on persistent spectral hole burning of Sm2+-doped glasses. Journal of Non-Crystalline Solids, 1998, 241, 98-104.	1.5	16
213	Proton Conduction in Porous Silica Glasses with High Water Content. Journal of Physical Chemistry B, 1998, 102, 5772-5775.	1.2	135
214	Effect of hydroxyl bonds on persistent spectral hole burning inEu3+-dopedBaO~P2O5glasses. Physical Review B, 1998, 58, 6166-6171.	1.1	55
215	An oxygen sensor based on copper(I)-conducting CuTi2(PO4)3 glass ceramics. Applied Physics Letters, 1998, 73, 3297-3299.	1.5	11
216	Fast Protonic Conductors of Water~Containing ~P~O~O~S~ZrO2~Ca~SiO2 Glasses. Journal of the Electrochemical Society, 1997, 144, 2175-2178.	1.3	78

#	ARTICLE	IF	CITATIONS
217	Persistent spectral hole burning of sol-gel-derived Eu^{3+} -doped SiO_2 glass. <i>Physical Review B</i> , 1997, 56, R14235-R14238.	1.1	53
218	Fast proton-conducting $\text{P}_2\text{O}_5\text{-ZrO}_2\text{-SiO}_2$ glasses. <i>Applied Physics Letters</i> , 1997, 71, 1323-1325.	1.5	40
219	Spectral hole burning and excited electrons in Sm^{2+} -doped $\text{Al}_2\text{O}_3\text{-SiO}_2$ glasses. <i>Physical Review B</i> , 1997, 56, 182-186.	1.1	41
220	Sol-Gel Synthesis of Ge Nanocrystals-Doped Glass and Its Photoluminescence. <i>Journal of Sol-Gel Science and Technology</i> , 1997, 9, 139-143.	1.1	1
221	Evidence of water-cooperative proton conduction in silica glasses. <i>Physical Review B</i> , 1997, 55, 12108-12112.	1.1	123
222	Sol-gel synthesis of high-humidity-sensitive amorphous $\text{P}_2\text{O}_5\text{-TiO}_2$ films. <i>Journal of Materials Science Letters</i> , 1997, 16, 550-552.	0.5	20
223	Sol-gel synthesis of ge nanocrystals-doped glass and its photoluminescence. <i>Journal of Sol-Gel Science and Technology</i> , 1997, 9, 139-143.	1.1	8
224	Superprotonic Conductors of Glassy Zirconium Phosphates. <i>Journal of the Electrochemical Society</i> , 1996, 143, 144-147.	1.3	102
225	HIGH-STRENGTH CALCIUM PHOSPHATE GLASS COMPOSITES CONTAINING $\beta\text{-Ca}(\text{PO}_3)_2$ FIBERS. <i>Phosphorus Research Bulletin</i> , 1996, 6, 75-78.	0.1	3
226	POROUS TITANIUM PHOSPHATE GLASS-CERAMICS WITH BACTERIOSTATIC ACTIVITIES. <i>Phosphorus Research Bulletin</i> , 1996, 6, 253-256.	0.1	2
227	Formation of Sm^{2+} Ions in Sol-Gel-Derived Glasses of the System $\text{Na}_2\text{O-Al}_2\text{O}_3\text{-SiO}_2$. <i>Journal of the American Ceramic Society</i> , 1996, 79, 1257-1261.	1.9	39
228	Fluorescence properties of Sm^{2+} ions in silicate glasses. <i>Journal of Applied Physics</i> , 1996, 80, 409-414.	1.1	37
229	Enhanced emission from Eu^{2+} ions in sol-gel derived $\text{Al}_2\text{O}_3\text{-SiO}_2$ glasses. <i>Applied Physics Letters</i> , 1996, 69, 3776-3778.	1.5	70
230	Formation of Small-Sized $\text{Cd}_x\text{Se}_{1-x}$ Crystals in Sol-Gel-Derived SiO_2 Glasses. <i>Journal of the American Ceramic Society</i> , 1995, 78, 1066-1070.	1.9	9
231	Defect formation and evolution in TeO_2 -containing borosilicate glass films derived from a sol-gel process. <i>Physical Review B</i> , 1995, 51, 14930-14935.	1.1	3
232	Room temperature persistent spectra hole burning in Sm^{2+} -doped silicate glasses prepared by the sol-gel process. <i>Applied Physics Letters</i> , 1995, 66, 2952-2954.	1.5	126
233	Temperature and compositional dependence of optical absorption edge in glasses containing PbO and TeO_2 . <i>Journal of Materials Research</i> , 1994, 9, 2319-2322.	1.2	3
234	Preparation by a Sol-Gel Process of Borosilicate Glasses Containing Microcrystals of Tellurium and Zinc Telluride. <i>Journal of the American Ceramic Society</i> , 1994, 77, 2885-2888.	1.9	9

#	ARTICLE	IF	CITATIONS
235	Sol-gel method for synthesizing visible photoluminescent nanosized Ge-crystal-doped silica glasses. Applied Physics Letters, 1994, 65, 2545-2547.	1.5	90
236	Preparation and photoluminescence of sol-gel-derived Ge-nanocrystals-doped SiO ₂ glasses. , 1994, , .		0
237	Sm ²⁺ -doped alumino-silicate glasses derived from the sol-gel method. , 1994, , .		1
238	Semiconductor-Doped Sol-Gel Optics. , 1994, , 329-344.		7
239	Hipping of ZrO ₂ -transformation-toughened glass-ceramics prepared by the sol-gel process from metal alkoxides. Journal of Materials Science Letters, 1987, 6, 1479-1480.	0.5	0
240	Crystal growth of tetragonal ZrO ₂ in the glass system ZrO ₂ -SiO ₂ prepared by the sol-gel process from metal alkoxides. Journal of Materials Science, 1986, 21, 3513-3516.	1.7	17
241	Preparation of glasses in the ZnBr ₂ -PbBr ₂ -TlBr system. Journal of Materials Science Letters, 1985, 4, 271-272.	0.5	8
242	Properties of Na ₂ O _{1/2} -3SiO ₂ glasses impregnated with ethyl alcohol. Journal of Materials Science, 1983, 18, 2453-2458.	1.7	2
243	Fabrication of hollow glass microspheres in the Na ₂ O-B ₂ O ₃ -SiO ₂ system from metal alkoxides. Journal of Materials Science, 1982, 17, 2845-2849.	1.7	21
244	X-ray responsiveness of sol-gel-derived glasses doped with rare-earth ions. Journal of Sol-Gel Science and Technology, 0, , 1.	1.1	0