

Koji Fujita

List of Publications by Year in descending order

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docs citations

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times ranked

5466
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#	ARTICLE	IF	CITATIONS
1	Interplay between Oxygen Octahedral Rotation and Deformation in the Acentric ARTiO_4 Series toward Negative Thermal Expansion. <i>Chemistry of Materials</i> , 2022, 34, 6492-6504.	6.7	5
2	Topochemical synthesis of perovskite-type CuNb_2O_6 with colossal dielectric constant. <i>Journal of Materials Chemistry C</i> , 2021, 9, 13981-13990.	5.5	4
3	Oxygen Release and Storage Property of Fe-Al Spinel Compounds: A Three-Way Catalytic Reaction over a Supported Rh Catalyst. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 24615-24623.	8.0	4
4	Structural origin of thermal shrinkage in soda-lime silicate glass below the glass transition temperature: A theoretical investigation by microsecond timescale molecular dynamics simulations. <i>Journal of Chemical Physics</i> , 2021, 155, 044501.	3.0	6
5	Dehydration of Electrochemically Protonated Oxide: SrCoO_2 with Square Spin Tubes. <i>Journal of the American Chemical Society</i> , 2021, 143, 17517-17525.	13.7	15
6	$\text{PbBi}_3\text{O}_4\text{X}_3$ ($X = \text{Cl}, \text{Br}$) with Single/Double Halogen Layers as a Photocatalyst for Visible-Light-Driven Water Splitting: Impact of a Halogen Layer on the Band Structure and Stability. <i>Chemistry of Materials</i> , 2021, 33, 9580-9587.	6.7	11
7	Perovskite-Type CuNbO_3 Exhibiting Unusual Noncollinear Ferrielectric to Collinear Ferroelectric Dipole Order Transition. <i>Chemistry of Materials</i> , 2020, 32, 5016-5027.	6.7	11
8	A -site cation size effect on oxygen octahedral rotations in acentric Ruddlesden-Popper alkali rare-earth titanates. <i>Physical Review Materials</i> , 2019, 3, .	2.4	7
9	Photoluminescence decay rate of an emitter layer on an Al nanocylinder array: effect of layer thickness. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2019, 36, E1.	2.1	10
10	How Can We Control the "Element-Blocks" in Transition Metal Oxide Crystals?. , 2019, , 253-271.		0
11	Surface-Enhanced Infrared Absorption for the Periodic Array of Indium Tin Oxide and Gold Microdiscs: Effect of in-Plane Light Diffraction. <i>ACS Photonics</i> , 2018, 5, 2602-2608.	6.6	12
12	Visible and near-infrared photoluminescence enhanced by Ag nanoparticles in Sm^{3+} -doped aluminoborate glass. <i>Optical Materials</i> , 2018, 86, 611-616.	3.6	15
13	Enhanced photoluminescence and directional white-light generation by plasmonic array. <i>Journal of Applied Physics</i> , 2018, 124, .	2.5	29
14	Hybrid Improper Ferroelectricity in $(\text{Sr}, \text{Ca})_3\text{Sn}_2\text{O}_7$ and Beyond: Universal Relationship between Ferroelectric Transition Temperature and Tolerance Factor in $n=2$ Ruddlesden-Popper Phases. <i>Journal of the American Chemical Society</i> , 2018, 140, 15690-15700.	13.7	74
15	Demonstration of temperature-plateau superheated liquid by photothermal conversion of plasmonic titanium nitride nanostructures. <i>Nanoscale</i> , 2018, 10, 18451-18456.	5.6	24
16	Ferroelectric $\text{Sr}_3\text{Zr}_2\text{O}_7$: Competition between Hybrid Improper Ferroelectric and Antiferroelectric Mechanisms. <i>Advanced Functional Materials</i> , 2018, 28, 1801856.	14.9	89
17	Collective plasmonic modes excited in Al nanocylinder arrays in the UV spectral region. <i>Optics Express</i> , 2018, 26, 5970.	3.4	16
18	Enhanced Photoluminescence from Organic Dyes Coupled to Periodic Array of Zirconium Nitride Nanoparticles. <i>ACS Photonics</i> , 2018, 5, 3057-3063.	6.6	17

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19	Plasmonicâ€“Photonic Hybrid Modes Excited on a Titanium Nitride Nanoparticle Array in the Visible Region. ACS Photonics, 2017, 4, 815-822.	6.6	26
20	Directional outcoupling of photoluminescence from Eu(III)-complex thin films by plasmonic array. APL Photonics, 2017, 2, .	5.7	29
21	Effect of Cylinder Height on Directional Photoluminescence from Highly Luminous Thin Films on Periodic Plasmonic Arrays. MRS Advances, 2017, 2, 173-178.	0.9	1
22	Instability of spin glass phase in divalent iron phosphate glass under a magnetic field. Journal of Physics Condensed Matter, 2017, 29, 025802.	1.8	1
23	Competing Structural Instabilities in the Ruddlesdenâ€“Popper Derivatives RTiO_4 (R = Rare) Tj ETQq1 1 0.784314 rgBT Centrosymmetry. Chemistry of Materials, 2017, 29, 656-665.	6.7	22
24	Perovskite-Type InCoO_3 with Low-Spin Co^{3+} : Effect of Inâ€“O Covalency on Structural Stabilization in Comparison with Rare-Earth Series. Inorganic Chemistry, 2017, 56, 11113-11122.	4.0	7
25	Giant Faraday Rotation through Ultrasmall $\text{Fe}^{0/n}$ Clusters in Superparamagnetic FeO/SiO_2 Vitreous Films. Advanced Science, 2017, 4, 1600299.	11.2	5
26	Faraday effect of polycrystalline bismuth iron garnet thin film prepared by mist chemical vapor deposition method. Journal of Magnetism and Magnetic Materials, 2017, 422, 100-104.	2.3	5
27	Preparation of Nb-doped Anatase Type TiO_2 Epitaxial Thin Films and Excitation of Surface Plasmon Polaritons. Funtai Oyobi Fumatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2017, 64, 23-27.	0.2	0
28	Excitation of collective plasmonic modes and photoluminescence enhancement in the Al nanocylinder array. , 2017, , .		0
29	Excitation of surface plasmon polaritons on titanium nitride thin films through energy transfer from dye molecules. , 2016, , .		0
30	Optical characterization and emission properties of periodic arrays of titanium nitride nanoparticles. , 2016, , .		0
31	Improper Inversion Symmetry Breaking and Piezoelectricity through Oxygen Octahedral Rotations in Layered Perovskite Family, LiR_2TiO_4 (R = Rare Earths). Advanced Electronic Materials, 2016, 2, 1500196.	5.1	28
32	Plasmonic arrays of titanium nitride nanoparticles fabricated from epitaxial thin films. Optics Express, 2016, 24, 1143.	3.4	45
33	The relationship between magneto-optical properties and molecular chirality. NPG Asia Materials, 2016, 8, e251-e251.	7.9	11
34	LiNbO_3 -Type InFeO_3 : Room-Temperature Polar Magnet without Second-Order Jahnâ€“Teller Active Ions. Chemistry of Materials, 2016, 28, 6644-6655.	6.7	43
35	Plasmonic mesostructures with aligned hotspots on highly oriented mesoporous silica films. Optical Materials Express, 2016, 6, 2824.	3.0	5
36	ZnTaO_2N : Stabilized High-Temperature LiNbO_3 -type Structure. Journal of the American Chemical Society, 2016, 138, 15950-15955.	13.7	26

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37	Mesoporous silica layer on plasmonic array: light trapping in a layer with a variable index of refraction. <i>Optical Materials Express</i> , 2016, 6, 2736.	3.0	6
38	Structural phase transitions in EuNbO ₃ perovskite. <i>Journal of Solid State Chemistry</i> , 2016, 239, 192-199.	2.9	12
39	Topochemical Nitridation with Anion Vacancy-Assisted N ³⁻ /O ²⁻ Exchange. <i>Journal of the American Chemical Society</i> , 2016, 138, 3211-3217.	13.7	47
40	Fabrication of cerium-doped yttrium aluminum garnet thin films by a mist CVD method. <i>Journal of Luminescence</i> , 2016, 170, 808-811.	3.1	9
41	Random Laser Oscillation with Low Threshold and Optical Microresonator Based on Nanostructured Metals. <i>The Review of Laser Engineering</i> , 2016, 44, 527.	0.0	0
42	MnTaO ₂ N: Polar LiNbO ₃ -type Oxynitride with a Helical Spin Order. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 516-521.	13.8	39
43	Preparation and properties of Sol–Gel derived CuFeO ₂ thin films by dip-coating technique. <i>Journal of the Ceramic Society of Japan</i> , 2015, 123, 448-451.	1.1	3
44	Terbium Oxide, Fluoride, and Oxyfluoride Nanoparticles with Magneto-optical Properties. <i>Bulletin of the Chemical Society of Japan</i> , 2015, 88, 1453-1458.	3.2	7
45	Controlling plasmonic properties of epitaxial thin films of indium tin oxide in the near-infrared region. <i>Journal of Physics: Conference Series</i> , 2015, 619, 012056.	0.4	5
46	Errata: Enhanced Faraday Effect in Porous Iron Oxide Thin Films Coupled to Localized Surface Plasmon Resonances. <i>Funtai Oyobi Fumatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy</i> , 2015, 62, 216_2.	0.2	0
47	Plasmonic Mesostructures Prepared by Oriented Mesoporous Materials as a Template. <i>ECS Transactions</i> , 2015, 69, 117-121.	0.5	3
48	Rattling in the Quadruple Perovskite CuCu ₃ V ₄ O ₁₂ . <i>Angewandte Chemie - International Edition</i> , 2015, 54, 10870-10874.	13.8	22
49	An Antiferro-to-Ferromagnetic Transition in EuTiO ₃ H _x Induced by Hydride Substitution. <i>Inorganic Chemistry</i> , 2015, 54, 1501-1507.	4.0	52
50	A labile hydride strategy for the synthesis of heavily nitridized BaTiO ₃ . <i>Nature Chemistry</i> , 2015, 7, 1017-1023.	13.6	118
51	Faraday effect of bismuth iron garnet thin film prepared by mist CVD method. <i>Japanese Journal of Applied Physics</i> , 2015, 54, 063001.	1.5	14
52	Electrical Properties of Epitaxial Thin Films of Oxyhydrides ATiO ₃ H _x (A = Ba and Sr). <i>Chemistry of Materials</i> , 2015, 27, 6354-6359.	6.7	40
53	Enhanced Faraday Effect in Porous Iron Oxide Thin Films Coupled to Localized Surface Plasmon Resonances. <i>Funtai Oyobi Fumatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy</i> , 2015, 62, 18-26.	0.2	2
54	Magnetic structures of FeTiO ₃ -Fe ₂ O ₃ solid solution thin films studied by soft X-ray magnetic circular dichroism and <i>ab initio</i> multiplet calculations. <i>Applied Physics Letters</i> , 2014, 104, .	3.3	11

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55	Magnetic and transport properties of EuTiO_3 thin films doped with Nb. Japanese Journal of Applied Physics, 2014, 53, 05FJ07.	1.5	19
56	Inversion Symmetry Breaking by Oxygen Octahedral Rotations in the Ruddlesden-Popper $\text{Na}_x\text{R}_y\text{TiO}_z$. Physical Review Letters, 2014, 112, 187602.	7.8	60
57	Multi-color light emissions from mesoporous silica particles embedded with Ga_2O_3 nanocrystals. Optical Materials Express, 2014, 4, 518.	3.0	4
58	Substrate-induced anion rearrangement in epitaxial thin films of $\text{LaSrCoO}_{4-x}\text{H}_x$. CrystEngComm, 2014, 16, 9669-9674.	2.6	19
59	Room-Temperature Polar Ferromagnet ScFeO_3 Transformed from a High-Pressure Orthorhombic Perovskite Phase. Journal of the American Chemical Society, 2014, 136, 15291-15299.	13.7	78
60	Accelerated discovery of cathode materials with prolonged cycle life for lithium-ion battery. Nature Communications, 2014, 5, 4553.	12.8	108
61	Superspin glass behavior of amorphous FeO/SiO_2 thin films. Japanese Journal of Applied Physics, 2014, 53, 05FB11.	1.5	1
62	Preparation of yttrium iron garnet thin films by mist chemical vapor deposition method and their magneto-optical properties. Japanese Journal of Applied Physics, 2014, 53, 05FB17.	1.5	8
63	Enhancement of Optical Faraday Effect of Nonanuclear Tb(III) Complexes. Inorganic Chemistry, 2014, 53, 7635-7641.	4.0	26
64	Electronic Structure of Ilmenite and Ilmenite-Hematite Solid Solution Using Hard X-Ray Photoemission Spectroscopy. Funtai Oyobi Fumatsu Yakini/Journal of the Japan Society of Powder and Powder Metallurgy, 2014, 61, S57-S59.	0.2	0
65	Wavelength-Tunable Spasing in the Visible. Nano Letters, 2013, 13, 4106-4112.	9.1	166
66	Metal-Dielectric Core-Shell Nanoparticles: Advanced Plasmonic Architectures Towards Multiple Control of Random Lasers. Advanced Optical Materials, 2013, 1, 573-580.	7.3	62
67	Plasmonics: Metal-Dielectric Core-Shell Nanoparticles: Advanced Plasmonic Architectures Towards Multiple Control of Random Lasers (Advanced Optical Materials 8/2013). Advanced Optical Materials, 2013, 1, 538-538.	7.3	1
68	Strong Spin-Lattice Coupling Through Oxygen Octahedral Rotation in Divalent Europium Perovskites. Advanced Functional Materials, 2013, 23, 1864-1872.	14.9	41
69	Magneto-optical properties of Eu^{2+} -containing aluminoborosilicate glasses with ferromagnetic interactions. Optical Materials, 2013, 35, 1997-2000.	3.6	21
70	Novel opto-magnetic silicate glass with semiconductor EuS nanocrystals. Journal of Alloys and Compounds, 2013, 562, 123-127.	5.5	12
71	Effective Optical Faraday Rotations of Semiconductor EuS Nanocrystals with Paramagnetic Transition-Metal Ions. Journal of the American Chemical Society, 2013, 135, 2659-2666.	13.7	22
72	Unidirectional Spaser in Symmetry-Broken Plasmonic Core-Shell Nanocavity. Scientific Reports, 2013, 3, 1241.	3.3	55

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73	New Glasses for Photonics. , 2013, , 383-401.		3
74	A -Site-Ordered Perovskite $MnCu_3V_4O_{12}$ with a 12-Coordinated Manganese(II). Inorganic Chemistry, 2013, 52, 11538-11543.	4.0	25
75	$AgCu_3V_4O_{12}$: a Novel Perovskite Containing Mixed-Valence Silver ions. Inorganic Chemistry, 2013, 52, 13824-13826.	4.0	9
76	Surface Plasmon-Enhanced Optical Properties of Composite Materials Containing Metal Nanoparticles: Birefringence and Laser Oscillation. ECS Transactions, 2013, 50, 85-94.	0.5	2
77	Enhanced Magneto-Optical Properties of Semiconductor EuS Nanocrystals Assisted by Surface Plasmon Resonance of Gold Nanoparticles. Chemistry - A European Journal, 2013, 19, 14438-14445.	3.3	14
78	Ferromagnetic amorphous oxides in the EuO - TiO_x system studied by the Faraday effect in the visible region and the x-ray magnetic circular dichroism at the Eu d states	3.2	7
79	Ferromagnetism induced by lattice volume expansion and amorphization in $EuTiO_3$ thin films. Journal of Materials Research, 2013, 28, 1031-1041.	2.6	17
80	Anisotropic growth of zinc oxide pillars on silver nanoparticles by oblique angle deposition. Journal of the Ceramic Society of Japan, 2013, 121, 710-713.	1.1	0
81	Synthesis of Gold-Silica Core-Shell Nanoparticles with Tunable Shell Thickness. Funtai Oyobi Fumatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2013, 60, 49-54.	0.2	1
82	Development of Non-Siliceous Porous Materials and Emerging Applications. Bulletin of the Chemical Society of Japan, 2012, 85, 415-432.	3.2	7
83	Modified Faraday rotation in a three-dimensional magnetophotonic opal crystal consisting of maghemite/silica composite spheres. Applied Physics Letters, 2012, 101, .	3.3	13
84	Crystal and Electronic Structure and Magnetic Properties of Divalent Europium Perovskite Oxides $EuMO_3$ ($M = Ti, Zr, \text{ and } Hf$): Experimental and First-Principles Approaches. Inorganic Chemistry, 2012, 51, 4560-4567.	4.0	54
85	Atomically smooth and single crystalline indium tin oxide thin film with low optical loss. Physica Status Solidi C: Current Topics in Solid State Physics, 2012, 9, 2533-2536.	0.8	9
86	Tuning the wavelength of amplified spontaneous emission coupled to localized surface plasmon. Applied Physics Letters, 2012, 101, 031117.	3.3	16
87	Effect of Substrate Strain and Interface on Magnetic Properties of $EuTiO_3$ Thin Film. Materials Research Society Symposia Proceedings, 2012, 1454, 149-159.	0.1	2
88	First Synthesis of EuS Nanoparticle Thin Film with a Wide Energy Gap and Giant Magneto-Optical Efficiency on a Glass Electrode. Journal of Physical Chemistry C, 2012, 116, 19590-19596.	3.1	20
89	Local Structure of Amorphous EuO - TiO_2 Thin Films Probed by X-Ray Absorption Fine Structure. Journal of the American Ceramic Society, 2012, 95, 716-720.	3.8	7
90	Antiferromagnetic superexchange via d states of titanium in $EuTiO_3$ as seen from hybrid Hartree-Fock density functional calculations. Physical Review B, 2011, 83, .	3.2	104

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91	Scattering-Based Hole Burning in $Y_3Al_5O_{12}$: Ce^{3+} Monoliths with Hierarchical Porous Structures Prepared via the Sol-Gel Route. <i>Journal of Physical Chemistry C</i> , 2011, 115, 17676-17681.	3.1	30
92	Plasmonically Controlled Lasing Resonance with Metallic Dielectric Core-Shell Nanoparticles. <i>Nano Letters</i> , 2011, 11, 1374-1378.	9.1	117
93	Enhanced form birefringence of metal nanoparticles with anisotropic shell mediated by localized surface plasmon resonance. <i>Optics Express</i> , 2011, 19, 23581.	3.4	5
94	Enhancement of optical birefringence in tellurite glasses containing silver nanoparticles induced via thermal poling. <i>Journal of Non-Crystalline Solids</i> , 2011, 357, 2259-2263.	3.1	10
95	Photobleaching in $Y_3Al_5O_{12}$: Ce^{3+} macroporous monoliths prepared via sol-gel route accompanied by phase separation. <i>IOP Conference Series: Materials Science and Engineering</i> , 2011, 18, 052003.	0.6	6
96	Ferromagnetic properties with reentrant spin-glass behavior in amorphous $EuZrO_3$ thin film. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2011, 8, 3051-3054.	0.8	8
97	Magnetic properties of oxide glasses containing iron and rare-earth ions. <i>Physical Review B</i> , 2011, 84, .	3.2	25
98	Scattering-based hole burning mediated by localized surface plasmon resonance in photoreactive random media containing Ag nanoparticles. <i>Applied Physics Letters</i> , 2011, 98, 121917.	3.3	1
99	Epitaxial growth of ferrimagnetic semiconductor $0.4Fe_3O_4 \cdot 0.6Fe_2TiO_4$ solid solution thin films on MgO(100) substrates. <i>Journal of Physics: Conference Series</i> , 2010, 200, 062013.	0.4	1
100	Low-temperature growth of highly crystallized $FeTiO_3$ - Fe_2O_3 solid solution thin films with smooth surface morphology. <i>Journal of Physics: Conference Series</i> , 2010, 200, 062011.	0.4	1
101	Random Dispersion of Metal Nanoparticles Can Form a Laser Cavity. <i>Chemistry Letters</i> , 2010, 39, 532-537.	1.3	3
102	Optical Functions of Glass Materials Induced by Thermal Poling/Ion Implantation Technique. <i>Funtai Oyobi Fumatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy</i> , 2010, 57, 500-507.	0.2	0
103	Optical properties of macroporous $Y_3Al_5O_{12}$ crystals doped with rare earth ions synthesized via sol-gel process from ionic precursors. <i>Optical Materials</i> , 2010, 33, 123-127.	3.6	17
104	Antiferromagnetism of perovskite $EuZrO_3$. <i>Journal of Solid State Chemistry</i> , 2010, 183, 168-172.	2.9	38
105	Impact of amorphization on the magnetic properties of EuO - TiO_2 . <i>Physical Review B</i> , 2010, 82, .	3.2	12
106	High-density excitation effect on photoluminescence in ZnO nanoparticles. <i>Journal of Applied Physics</i> , 2010, 107, 124311.	2.5	11
107	Random lasing from localized modes in strongly scattering systems consisting of macroporous titania monoliths infiltrated with dye solution. <i>Applied Physics Letters</i> , 2010, 97, .	3.3	21
108	Random lasing in ballistic and diffusive regimes for macroporous silica-based systems with tunable scattering strength. <i>Optics Express</i> , 2010, 18, 12153.	3.4	30

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109	Direct creation of a photoinduced metallic structure and its optical properties in the terahertz frequency region. <i>Optics Letters</i> , 2010, 35, 1719.	3.3	18
110	Preparation and magnetic properties of amorphous EuTiO ₃ thin films. <i>Journal of Non-Crystalline Solids</i> , 2010, 356, 2389-2392.	3.1	13
111	Ferromagnetic $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> \langle \text{mml:mrow} \langle \text{mml:msup} \langle \text{mml:mrow} \langle \text{mml:mtext} \text{Eu} \langle \text{mml:mtext} \rangle \langle \text{mml:mrow} \langle \text{mml:mrow} \langle \text{mml:mn} \text{2} \rangle \langle \text{mml:mn} \text{0} \rangle \langle \text{mml:mn} \text{3} \rangle \rangle \rangle \rangle \rangle \langle \text{mml:mtext} \rangle \langle \text{mml:mrow} \langle \text{mml:mtext} \rangle \langle \text{mml:mrow} \langle \text{mml:mn} \text{2} \rangle \langle \text{mml:mn} \text{0} \rangle \langle \text{mml:mn} \text{3} \rangle \rangle \rangle \rangle \rangle$ oxide glasses with reentrant spin glass behavior. <i>Physical Review B</i> , 2010, 81, .	3.2	10
112	Magnetodielectric effect in EuZrO ₃ . <i>Applied Physics Letters</i> , 2010, 96, .	3.3	37
113	Random Lasing Actions Induced by Silver Nanoprisms. <i>Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy</i> , 2009, 56, 645-650.	0.2	3
114	Magnetic properties of ilmenite-hematite solid-solution thin films: Direct observation of antiphase boundaries and their correlation with magnetism. <i>Physical Review B</i> , 2009, 80, .	3.2	10
115	Magnetic properties of mixed-valence iron phosphate glasses. <i>Physical Review B</i> , 2009, 80, .	3.2	25
116	Coherent random lasers in weakly scattering polymer films containing silver nanoparticles. <i>Physical Review A</i> , 2009, 79, .	2.5	103
117	Enhanced magnetization and ferrimagnetic behavior of normal spinel ZnFe ₂ O ₄ thin film irradiated with femtosecond laser. <i>Applied Physics A: Materials Science and Processing</i> , 2009, 94, 83.	2.3	10
118	Coherent random lasers from weakly scattering polymer films embedded with superfine silver nanoparticles. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2009, 6, S102.	0.8	9
119	Structural characterization of hierarchically porous alumina aerogel and xerogel monoliths. <i>Journal of Colloid and Interface Science</i> , 2009, 338, 506-513.	9.4	87
120	Magnetic properties of disordered ferrite and ilmenite-hematite thin films. <i>Journal of Magnetism and Magnetic Materials</i> , 2009, 321, 818-821.	2.3	4
121	Sol-gel synthesis of macro-mesoporous titania monoliths and their applications to chromatographic separation media for organophosphate compounds. <i>Journal of Chromatography A</i> , 2009, 1216, 7375-7383.	3.7	97
122	Optical Birefringence in Tellurite Glass Containing Silver Nanoparticles Precipitated through Thermal Process. <i>Applied Physics Express</i> , 2009, 2, 102001.	2.4	9
123	High-quality antiferromagnetic EuTiO ₃ epitaxial thin films on SrTiO ₃ prepared by pulsed laser deposition and postannealing. <i>Applied Physics Letters</i> , 2009, 94, .	3.3	58
124	Epitaxial Growth of Room-Temperature Ferrimagnetic Semiconductor Thin Films Based on Fe ₃ O ₄ -Fe ₂ TiO ₄ Solid Solution. <i>Materials Transactions</i> , 2009, 50, 1076-1080.	1.2	9
125	Direct Imaging of Ordered Structures and Antiphase Boundaries in FeTiO ₃ -Fe ₂ O ₃ Solid Solution Thin Films. <i>Materia Japan</i> , 2009, 48, 598-598.	0.1	0
126	Enhanced Faraday rotation of cube-shaped EuS nanocrystals with a magnetic coercive field. <i>IOP Conference Series: Materials Science and Engineering</i> , 2009, 1, 012026.	0.6	2

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127	Alkoxy-derived multiscale porous TiO ₂ gels probed by ultra-small-angle X-ray scattering and small-angle X-ray scattering. Journal of Sol-Gel Science and Technology, 2008, 46, 63-69.	2.4	4
128	Random lasers with coherent feedback from highly transparent polymer films embedded with silver nanoparticles. Applied Physics Letters, 2008, 92, .	3.3	127
129	Effect of Microscopic Structure and Porosity on the Photoluminescence Properties of Silica Gels. Journal of Physical Chemistry C, 2008, 112, 10878-10882.	3.1	21
130	Magnetic phase transitions in Fe ₂ O ₃ ·Bi ₂ O ₃ ·B ₂ O ₃ glasses. Journal of Physics Condensed Matter, 2008, 20, 235216.	1.8	22
131	Crystalline ZrO ₂ Monoliths with Well-Defined Macropores and Mesostructured Skeletons Prepared by Combining the Alkoxy-Derived Sol-Gel Process Accompanied by Phase Separation and the Solvothermal Process. Chemistry of Materials, 2008, 20, 2165-2173.	6.7	110
132	Magnetic properties of disordered oxides with iron and manganese ions. Journal of Non-Crystalline Solids, 2008, 354, 1347-1352.	3.1	17
133	Cr ³⁺ -doped macroporous Al ₂ O ₃ monoliths prepared by the metal-salt-derived sol-gel method. Journal of Non-Crystalline Solids, 2008, 354, 659-664.	3.1	34
134	Remarkable Magneto-Optical Properties of Europium Selenide Nanoparticles with Wide Energy Gaps. Journal of the American Chemical Society, 2008, 130, 5710-5715.	13.7	87
135	Magnetic Properties of Amorphous Fe ₂ O ₃ -R ₂ O ₃ (R=La, Gd and Tb) Thin Films Fabricated by Sputtering Method. Advanced Materials Research, 2008, 39-40, 207-212.	0.3	6
136	Structural and Magnetic Properties of CdFe_2O_4 Thin Films Fabricated via Sputtering Method. IEEE Transactions on Magnetics, 2008, 44, 2796-2799.	2.1	6
137	Second-Harmonic Generation in Thermally Poled Na ₂ O-Al ₂ O ₃ -TeO ₂ Glasses. Advanced Materials Research, 2008, 39-40, 247-252.	0.3	1
138	Magneto-optical properties of transparent divalent iron phosphate glasses. Applied Physics Letters, 2008, 92, .	3.3	36
139	Scattering-based hole burning through volume speckles in a random medium with tunable diffusion constant. Applied Physics Letters, 2008, 93, 151912.	3.3	4
140	Intense visible emissions from d ⁰ ions-doped silicate glasses. Journal of the Ceramic Society of Japan, 2008, 116, 1147-1149.	1.1	8
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