

Yoshitake Masuda

List of Publications by Year in descending order

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277
papers

8,349
citations

29994

54
h-index

66788

78
g-index

286
all docs

286
docs citations

286
times ranked

8759
citing authors

#	ARTICLE	IF	CITATIONS
1	Morphology control of ZnO nanostructures using Zn and W electrodes in solution plasma process. <i>Materials Letters</i> , 2022, 309, 131349.	1.3	4
2	Effect of oxygen vacancy sites in exposed crystal facet on the gas sensing performance of ZnO nanomaterial. <i>Journal of the American Ceramic Society</i> , 2022, 105, 2150-2160.	1.9	10
3	Liquid Phase Synthesis of Ceramics Nanostructures. <i>Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy</i> , 2022, 69, 22-26.	0.1	2
4	Examination of VOC Concentration of Aroma Essential Oils and Their Major VOCs Diffused in Room Air. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2904.	1.2	2
5	Self-Adaptive Gas Sensor System Based on Operating Conditions Using Data Prediction. <i>ACS Sensors</i> , 2022, 7, 142-150.	4.0	2
6	Recent advances in SnO ₂ nanostructure based gas sensors. <i>Sensors and Actuators B: Chemical</i> , 2022, 364, 131876.	4.0	103
7	High performance acetone gas sensor based on ultrathin porous NiO nanosheet. <i>Sensors and Actuators B: Chemical</i> , 2022, 367, 132143.	4.0	42
8	Atomic step formation on porous ZnO nanobelts: remarkable promotion of acetone gas detection up to the parts per trillion level. <i>Journal of Materials Chemistry A</i> , 2022, 10, 13839-13847.	5.2	19
9	Highly Sensitive and Selective Gas Sensors Based on NiO/MnO ₂ @NiO Nanosheets to Detect Allyl Mercaptan Gas Released by Humans under Psychological Stress. <i>Advanced Science</i> , 2022, 9, .	5.6	20
10	Facile synthesis of ZnO nanobullets by solution plasma without chemical additives. <i>RSC Advances</i> , 2021, 11, 26785-26790.	1.7	8
11	Fabrication and characterization of p-Si/n-In ₂ O ₃ and p-Si/n-ITO junction diodes for optoelectronic device applications. <i>Surfaces and Interfaces</i> , 2021, 23, 100992.	1.5	6
12	Facet controlled growth mechanism of SnO ₂ (101) nanosheet assembled film via cold crystallization. <i>Scientific Reports</i> , 2021, 11, 11304.	1.6	19
13	CH ₃ SH and H ₂ S Sensing Properties of V ₂ O ₅ /WO ₃ /TiO ₂ Gas Sensor. <i>Chemosensors</i> , 2021, 9, 113.	1.8	13
14	Effect of Coordinatively Unsaturated Sites in MOF-Derived Highly Porous CuO for Catalytic Free ppb-Level Gas Sensors. <i>Advanced Materials Interfaces</i> , 2021, 8, 2100283.	1.9	15
15	LiVO ₂ as a new solid-state phase change material. <i>Journal of Alloys and Compounds</i> , 2021, 882, 160741.	2.8	2
16	Aqueous Solution Process. , 2021, , 97-104.		0
17	Gas Sensing Properties of High-Purity Semiconducting Single-Walled Carbon Nanotubes for NH ₃ , H ₂ , and NO. <i>ECS Journal of Solid State Science and Technology</i> , 2021, 10, 121004.	0.9	4
18	Tin Oxide Nanosheets on Microelectromechanical System Devices for Improved Gas Discrimination. <i>ACS Applied Nano Materials</i> , 2021, 4, 14285-14291.	2.4	9

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19	Improved Brightness and Color Tunability of Solution-Processed Silicon Quantum Dot Light-Emitting Diodes. <i>Journal of Physical Chemistry C</i> , 2020, 124, 23333-23342.	1.5	20
20	Bio-inspired mineralization of nanostructured TiO ₂ on PET and FTO films with high surface area and high photocatalytic activity. <i>Scientific Reports</i> , 2020, 10, 13499.	1.6	6
21	Surface Molecular Separator for Selective Gas Sensing. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 17894-17900.	1.8	9
22	Catalyst-free Highly Sensitive SnO ₂ Nanosheet Gas Sensors for Parts per Billion-Level Detection of Acetone. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 51637-51644.	4.0	79
23	Co-Substitution Effect in Room-Temperature Ferromagnetic Oxide Sr ₃ Y _{0.9} Co ₄ O _{10.5} . <i>Materials</i> , 2020, 13, 2301.	1.3	3
24	Selective Detection of Target Volatile Organic Compounds in Contaminated Air Using Sensor Array with Machine Learning: Aging Notes and Mold Smells in Simulated Automobile Interior Contaminant Gases. <i>Sensors</i> , 2020, 20, 2687.	2.1	17
25	Development of Na _{0.5} CoO ₂ Thick Film Prepared by Screen-Printing Process. <i>Materials</i> , 2020, 13, 2805.	1.3	2
26	Tin oxide nanosheet thin film with bridge type structure for gas sensing. <i>Thin Solid Films</i> , 2020, 698, 137845.	0.8	13
27	Emerging Atomic Energy Levels in Zero-Dimensional Silicon Quantum Dots. <i>Nano Letters</i> , 2020, 20, 1491-1498.	4.5	27
28	Gas sensor properties of nanopore-bearing Co ₃ O ₄ particles containing Pt or Pd particles. <i>Journal of Asian Ceramic Societies</i> , 2020, 8, 138-148.	1.0	14
29	Effect of Crystal Defect on Gas Sensing Properties of Co ₃ O ₄ Nanoparticles. <i>ACS Sensors</i> , 2020, 5, 1665-1673.	4.0	52
30	Nanoarchitectonics of Acicular Nanocrystal Assembly and Nanosheet Assembly for Lithium-Ion Batteries. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 3004-3012.	0.9	1
31	Synthesis of Tin Oxide Nanosheet with Liquid Phase Crystal Growth for Gas Sensing. <i>Funtai Oyobi Fumatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy</i> , 2020, 67, 271-277.	0.1	3
32	Ceramic nanostructures of SnO ₂ , TiO ₂ , and ZnO via aqueous crystal growth: cold crystallization and morphology control. <i>Journal of the Ceramic Society of Japan</i> , 2020, 128, 718-737.	0.5	6
33	Direct Growth of Flower-Shaped ZnO Nanostructures on FTO Substrate for Dye-Sensitized Solar Cells. <i>Crystals</i> , 2019, 9, 405.	1.0	12
34	Synthesis, Characterization, Photocatalytic and Sensing Properties of Mn-Doped ZnO Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 8095-8103.	0.9	10
35	Structural and electrochemical studies of LiNi _x Co _(1-x) VO ₄ (x = 0.2, 0.8) cathode materials for rechargeable lithium batteries. <i>Ionics</i> , 2019, 25, 4089-4098.	1.2	0
36	Improvement of sensing properties for SnO ₂ gas sensor by tuning of exposed crystal face. <i>Sensors and Actuators B: Chemical</i> , 2019, 296, 126655.	4.0	84

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37	Preparation of Double-Shelled Fluorescent Silicon Nanocrystals and Fabrication of Its Thin Layer by Electrophoretic Deposition Process. <i>Materials Transactions</i> , 2019, 60, 49-54.	0.4	0
38	SnO ₂ Nanosheets for Selective Alkene Gas Sensing. <i>ACS Applied Nano Materials</i> , 2019, 2, 1820-1827.	2.4	92
39	Selective nonanal molecular recognition with SnO ₂ nanosheets for lung cancer sensor. <i>International Journal of Applied Ceramic Technology</i> , 2019, 16, 1807-1811.	1.1	17
40	Sensor Properties of Series-connected Mixed-potential H ₂ Gas Sensor. <i>Sensors and Materials</i> , 2019, 31, 1351.	0.3	1
41	High orderly nano-silica assembly and its application in synthesizing TiO ₂ /SiO ₂ bilayer films. <i>Surface and Coatings Technology</i> , 2018, 345, 22-30.	2.2	1
42	Ceria Polymer Hybrid Nanoparticles and Assembled Films for Coating Applications. <i>ACS Applied Nano Materials</i> , 2018, 1, 2112-2119.	2.4	5
43	Fabrication and H ₂ -Sensing Properties of SnO ₂ Nanosheet Gas Sensors. <i>ACS Omega</i> , 2018, 3, 14592-14596.	1.6	37
44	Preparation of Double-shelled Fluorescent Silicon Nanocrystals and Fabrication of Its Thin Layer by Electrophoretic Deposition Process. <i>Funtai Oyobi Fummatsumu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy</i> , 2018, 65, 108-113.	0.1	0
45	Self-assembly patterning of ultrafine zirconia nanocrystal films fabricated on chemically patterned templates. <i>Nanotechnology</i> , 2018, 29, 495702.	1.3	0
46	Morphology Control of Particles and Their Patterning. , 2018, , 765-775.		0
47	Use of a Phage-Display Method to Identify Peptides that Bind to a Tin Oxide Nanosheets. <i>Protein and Peptide Letters</i> , 2018, 25, 68-75.	0.4	3
48	Development of Ceramics Nano-structures with Liquid Phase Crystal Growth. <i>Funtai Oyobi Fummatsumu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy</i> , 2018, 65, 616-623.	0.1	2
49	Transition-Metal-Doped NIR-Emitting Silicon Nanocrystals. <i>Angewandte Chemie</i> , 2017, 129, 6253-6256.	1.6	3
50	Electrodeposition of WO ₃ nanostructured thin films for electrochromic and H ₂ S gas sensor applications. <i>Journal of Alloys and Compounds</i> , 2017, 719, 71-81.	2.8	145
51	Transition-Metal-Doped NIR-Emitting Silicon Nanocrystals. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6157-6160.	7.2	35
52	Biomimetic Morphology Control of Metal Oxides and Their Site-Selective Immobilization. , 2017, , 47-87.		0
53	Nanostructuring of Metal Oxides in Aqueous Solutions. , 2016, , 369-458.		0
54	Superhydrophobic and H ₂ S gas sensing properties of CuO nanostructured thin films through a successive ionic layered adsorption reaction process. <i>RSC Advances</i> , 2016, 6, 24290-24298.	1.7	32

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55	SnO ₂ Nanosheet/Nanoparticle Detector for the Sensing of 1-Nonanal Gas Produced by Lung Cancer. Scientific Reports, 2015, 5, 10122.	1.6	45
56	Activity of formaldehyde dehydrogenase on titanium dioxide films with different crystallinities. Applied Surface Science, 2015, 329, 262-268.	3.1	6
57	Analysis of P(VdCl-co-AN-co-MMA)-LiClO ₄ -EC triblock copolymer electrolytes. Bulletin of Materials Science, 2015, 38, 183-190.	0.8	8
58	Highly porous ZnO nanosheets self-assembled in rosette-like morphologies for dye-sensitized solar cell application. New Journal of Chemistry, 2015, 39, 7961-7970.	1.4	17
59	Superhydrophobic Ag decorated ZnO nanostructured thin film as effective surface enhanced Raman scattering substrates. Applied Surface Science, 2015, 355, 969-977.	3.1	31
60	Highly monodispersed Ag embedded SiO ₂ nanostructured thin film for sensitive SERS substrate: growth, characterization and detection of dye molecules. RSC Advances, 2015, 5, 46229-46239.	1.7	21
61	Gold nanoparticle- <i>mesoporous silica sheet</i> composites with enhanced antibody adsorption capacity. New Journal of Chemistry, 2015, 39, 4070-4077.	1.4	8
62	Synthesis of hierarchical WO ₃ nanostructured thin films with enhanced electrochromic performance for switchable smart windows. RSC Advances, 2015, 5, 96416-96427.	1.7	54
63	SnO ₂ Nanosheet- <i>assembled Graded Continuous Film</i> . International Journal of Applied Ceramic Technology, 2014, 11, 550-557.	1.1	1
64	Hybrid White Light Emitting Diode Based on Silicon Nanocrystals. Advanced Functional Materials, 2014, 24, 7151-7160.	7.8	63
65	Liquid phase deposited titania coating to enable in vitro apatite formation on Ti6Al4V alloy. Journal of Materials Science: Materials in Medicine, 2014, 25, 375-381.	1.7	14
66	Aqueous phase deposition of dense tin oxide films with nano-structured surfaces. Journal of Solid State Chemistry, 2014, 214, 42-46.	1.4	3
67	Synthesis of 3-allylindoline spirobenzopyrans derived from 3-allyl-3H-indoles. Tetrahedron Letters, 2014, 55, 6427-6431.	0.7	2
68	Polyethylenimine-assisted synthesis of transparent ZnO nanowhiskers at ambient temperatures. Thin Solid Films, 2014, 558, 134-139.	0.8	6
69	Long Term Synthesis of Needle Crystal Assembled TiO ₂ Films in an Aqueous Solution. Journal of Nanoscience and Nanotechnology, 2014, 14, 3056-3061.	0.9	1
70	Development of Nanomaterials with Energy-saving Green Processes and their Applications. Funtai Oyobi Fummatu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2014, 61, 442.	0.1	0
71	Halogen- and Acid-Free Syntheses of TiO ₂ Nanocrystal Coatings and High Surface Area TiO ₂ Nanocrystal-Assembled Particles. Journal of Nanoscience and Nanotechnology, 2014, 14, 2231-2237.	0.9	2
72	One Dimensional Spindle Titanium Oxide Nanocrystals. Journal of Nanoscience and Nanotechnology, 2014, 14, 2968-2973.	0.9	2

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73	Water Bath Synthesis of Tin Oxide Nanostructure Coating for a Molecular Sensor. Journal of Nanoscience and Nanotechnology, 2014, 14, 2252-2257.	0.9	4
74	Aqueous Coatings. Yosetsu Gakkai Shi/Journal of the Japan Welding Society, 2014, 83, 100-103.	0.0	0
75	Shape-controlled synthesis of Fe_2O_3 nanostructures: engineering their surface properties for improved photocatalytic degradation efficiency. Journal of Nanoparticle Research, 2013, 15, 1.	0.8	15
76	Synthesis of CeO_2 nanorods with improved photocatalytic activity: comparison between precipitation and hydrothermal process. Journal of Materials Science: Materials in Electronics, 2013, 24, 1644-1650.	1.1	21
77	Stereochemistry of C7-allyl yohimbine explored by X-ray crystallography. Journal of Molecular Structure, 2013, 1036, 133-143.	1.8	1
78	Structural, electrical and electrochemical studies of LiCoVO_4 cathode material for lithium rechargeable batteries. Powder Technology, 2013, 235, 454-459.	2.1	15
79	Composite film formed on magnesium alloy AZ31 by chemical conversion from molybdate/phosphate/fluorinate aqueous solution toward corrosion protection. Surface and Coatings Technology, 2013, 217, 76-83.	2.2	58
80	A facile template-free route to synthesize porous ZnO nanosheets with high surface area. Journal of Alloys and Compounds, 2013, 580, 373-376.	2.8	22
81	Influence of Fe doping on the electrical properties of $\text{Sr}_2\text{MgMoO}_6$. Materials Chemistry and Physics, 2013, 139, 360-363.	2.0	18
82	Superhydrophilic SnO_2 nanosheet-assembled film. Thin Solid Films, 2013, 544, 567-570.	0.8	25
83	Effect of calcium doping on LaCoO_3 prepared by Pechini method. Powder Technology, 2013, 235, 140-147.	2.1	24
84	Synthesis and structure refinement studies of LiNiVO_4 electrode material for lithium rechargeable batteries. Ionics, 2013, 19, 17-23.	1.2	24
85	Size-Dependent Color Tuning of Efficiently Luminescent Germanium Nanoparticles. Langmuir, 2013, 29, 7401-7410.	1.6	66
86	Influence of fluorine substitution on the morphology and structure of hydroxyapatite nanocrystals prepared by hydrothermal method. Materials Chemistry and Physics, 2013, 137, 967-976.	2.0	48
87	Characterization of Optical- and N_2 Adsorption Properties of Self-Twin Zinc Oxide Nanoarrays Assemblies. Materials Focus, 2013, 2, 20-23.	0.4	0
88	Shape-controlled synthesis of Fe_2O_3 nanostructures: engineering their surface properties for improved photocatalytic degradation efficiency. , 2012, , 113-125.		1
89	Anisotropic Crystal Growth and Microstructure Observation of Single Phase SnO_2 Nano-sheet Assemblies. Funtai Oyobi Fummatu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2012, 59, 312.	0.1	0
90	Anisotropic Crystal Growth and Microstructure Observation of Single Phase SnO_2 Nano-sheet Assemblies. Funtai Oyobi Fummatu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2012, 59, 342-346.	0.1	1

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91	Crystal growth of tin oxide nano-sheets in aqueous solutions and time variation of N ₂ adsorption characteristics. <i>Progress in Crystal Growth and Characterization of Materials</i> , 2012, 58, 106-120.	1.8	12
92	Enhanced photocatalytic activity of cobalt-doped CeO ₂ nanorods. <i>Journal of Sol-Gel Science and Technology</i> , 2012, 64, 515-523.	1.1	63
93	Tin Oxide Nanosheet Assembly for Hydrophobic/Hydrophilic Coating and Cancer Sensing. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 1666-1674.	4.0	50
94	Room-temperature synthesis and characterization of porous CeO ₂ thin films. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2012, 209, 139-142.	0.8	16
95	Facile Synthesis of Characteristic Tin Oxide Particulate Films in Aqueous Solution. <i>International Journal of Applied Ceramic Technology</i> , 2012, 9, 920-927.	1.1	4
96	Synthesis of indium oxide cubic crystals by modified hydrothermal route for application in room temperature flexible ethanol sensors. <i>Materials Chemistry and Physics</i> , 2012, 133, 47-54.	2.0	33
97	Water bathing synthesis of high-surface-area nanocrystal-assembled SnO ₂ particles. <i>Journal of Solid State Chemistry</i> , 2012, 189, 21-24.	1.4	16
98	Structural and conductivity analysis on cerium fluoride nanoparticles prepared by sonication assisted method. <i>Solid State Sciences</i> , 2012, 14, 626-634.	1.5	15
99	Structural and electrical studies of LiMnVO ₄ cathode material for rechargeable lithium batteries. <i>Ionics</i> , 2012, 18, 31-37.	1.2	12
100	Liquid Phase Morphology Control of ZnO Nanowires, Ellipse Particles, Hexagonal Rods, and Particle in Aqueous Solutions. <i>ISRN Nanotechnology</i> , 2012, 2012, 1-6.	1.3	3
101	Fabrication of Metal Oxide Nanomaterials with Smart Process. <i>Journal of Smart Processing</i> , 2012, 1, 155-160.	0.0	0
102	Corrosion Resistance and Durability of Superhydrophobic Surface Formed on Magnesium Alloy Coated with Nanostructured Cerium Oxide Film and Fluoroalkylsilane Molecules in Corrosive NaCl Aqueous Solution. <i>Langmuir</i> , 2011, 27, 4780-4788.	1.6	306
103	Corrosion Resistant Performances of Alkanoic and Phosphonic Acids Derived Self-Assembled Monolayers on Magnesium Alloy AZ31 by Vapor-Phase Method. <i>Langmuir</i> , 2011, 27, 6009-6017.	1.6	88
104	Nanofabrication of Metal Oxide Nanostructures in Aqueous Solutions. , 2011, , .		1
105	Low-Temperature Fabrication of Bunch-Shaped ZnO Nanowires Using a Sodium Hydroxide Aqueous Solution. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 10935-10939.	0.9	7
106	Ethanol separation from ethanol aqueous solution by pervaporation using hydrophobic mesoporous silica membranes. <i>Journal of the Ceramic Society of Japan</i> , 2011, 119, 549-556.	0.5	7
107	Synthesis and in-depth analysis of highly ordered yttrium doped hydroxyapatite nanorods prepared by hydrothermal method and its mechanical analysis. <i>Materials Characterization</i> , 2011, 62, 1109-1115.	1.9	39
108	Preparation of surface-modified mesoporous silica membranes and separation mechanism of their pervaporation properties. <i>Desalination</i> , 2011, 280, 139-145.	4.0	23

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109	Aqueous synthesis of single-crystalline ZnO prisms on graphite substrates. <i>Journal of Crystal Growth</i> , 2011, 314, 180-184.	0.7	13
110	Site-Selective Chemical Reaction on Flexible Polymer Films for Tin Oxide Nanosheet Patterning. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 2819-2825.	1.0	22
111	Fast synthesis, optical and bio-sensor properties of SnO ₂ nanostructures by electrochemical deposition. <i>Chemical Engineering Journal</i> , 2011, 168, 955-958.	6.6	33
112	Liquid phase formation of alkyl- and perfluoro-phosphonic acid derived monolayers on magnesium alloy AZ31 and their chemical properties. <i>Journal of Colloid and Interface Science</i> , 2011, 360, 280-288.	5.0	30
113	High protein-adsorption characteristics of acicular crystal assembled TiO ₂ films and their photoelectric effect. <i>Thin Solid Films</i> , 2011, 519, 5135-5138.	0.8	6
114	Two-Dimensional Patterning of Inorganic Particles in Resin Using Ultrasound-Induced Plate Vibration. <i>Japanese Journal of Applied Physics</i> , 2011, 50, 088006.	0.8	5
115	Medium Dependent Size and Shape Tuning of Indium Oxide Nanoparticles and Their Gas Sensing Properties. <i>Advanced Science, Engineering and Medicine</i> , 2011, 3, 202-212.	0.3	5
116	Formation and Photocatalytic Application of ZnO Nanotubes Using Aqueous Solution. <i>Langmuir</i> , 2010, 26, 2811-2815.	1.6	259
117	Tin oxide coating on polytetrafluoroethylene films in aqueous solutions. <i>Polymers for Advanced Technologies</i> , 2010, 21, 211-215.	1.6	17
118	Fabrication of Zn(OH) ₂ /ZnO Nanosheet/ZnO Nanoarray Hybrid Structured Films by a Dissolution/Recrystallization Route. <i>Journal of the American Ceramic Society</i> , 2010, 93, 881-886.	1.9	20
119	Facile Synthesis, Characterization of ZnO Nanotubes and Nanoflowers in an Aqueous Solution. <i>Journal of the American Ceramic Society</i> , 2010, 93, 887-893.	1.9	25
120	Highly Enhanced Surface Area of Tin Oxide Nanocrystals. <i>Journal of the American Ceramic Society</i> , 2010, 93, 2140-2143.	1.9	23
121	Optical and adsorption properties of ZnO nanotubes prepared from aqueous solutions. , 2010, , .		0
122	Shape-Controlled Growth of In(OH) ₃ /In ₂ O ₃ Nanostructures by Electrodeposition. <i>Langmuir</i> , 2010, 26, 14814-14820.	1.6	33
123	Highly mesoporous γ -Fe ₂ O ₃ nanostructures: preparation, characterization and improved photocatalytic performance towards Rhodamine B (RhB). <i>Journal Physics D: Applied Physics</i> , 2010, 43, 015501.	1.3	67
124	Multineedle TiO ₂ Nanostructures, Self-Assembled Surface Coatings, and Their Novel Properties. <i>Crystal Growth and Design</i> , 2010, 10, 913-922.	1.4	56
125	Low-temperature fabrication of bunch-shaped ZnO nanowires using an sodium hydroxide aqueous solution. , 2010, , .		0
126	Dissolution/Recrystallization Induced Hierarchical Structure in ZnO: Bunched Roselike and Core/Shell-like Particles. <i>Crystal Growth and Design</i> , 2010, 10, 626-631.	1.4	42

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127	Controlled growth of single-crystalline, nanostructured dendrites and snowflakes of Fe_2O_3 : influence of the surfactant on the morphology and investigation of morphology dependent magnetic properties. CrystEngComm, 2010, 12, 373-382.	1.3	81
128	A Special Issue on: Applications of Metal Oxide Nanostructures. Science of Advanced Materials, 2010, 2, 1-2.	0.1	8
129	Growth of Highly Orientated and Well-Aligned ZnO Nanowhiskers Using Aqueous Solutions. Materials Science Forum, 2009, 620-622, 477-480.	0.3	1
130	Chemical Deposition and Corrosive Resistance of $\text{TiO}_2/\text{MgF}_2$ Composite Nanofilm on Magnesium Alloy AZ31. Electrochemical and Solid-State Letters, 2009, 12, D68.	2.2	3
131	Growth and electrical properties of ZnO films prepared by chemical bath deposition method. Physica Status Solidi (A) Applications and Materials Science, 2009, 206, 718-723.	0.8	44
132	Unique structure of ZnO films deposited by chemical bath deposition. Physica Status Solidi (A) Applications and Materials Science, 2009, 206, 2551-2554.	0.8	1
133	Fabrication of Blanket-Like Assembled ZnO Nanowhiskers Using an Aqueous Solution. Journal of the American Ceramic Society, 2009, 92, 922-926.	1.9	16
134	Fabrication of ZnO nanowhiskers array film by forced-hydrolysis-initiated-nucleation technique using various templates. Thin Solid Films, 2009, 518, 621-624.	0.8	8
135	Low-temperature fabrication of porous and transparent ZnO films with hybrid structure by self-hydrolysis method. Thin Solid Films, 2009, 518, 638-641.	0.8	13
136	Dye Adsorption Characteristics of Anatase TiO_2 Film Prepared in an Aqueous Solution. Thin Solid Films, 2009, 518, 845-849.	0.8	16
137	Room-temperature synthesis of tin oxide nano-electrodes in aqueous solutions. Thin Solid Films, 2009, 518, 850-852.	0.8	18
138	Control of crystal growth for ZnO nanowhisker films in aqueous solution. Thin Solid Films, 2009, 518, 906-910.	0.8	11
139	$\text{In}_2\text{O}_3/\text{SnO}_2$ nano-rods and nanorods: Precipitation preparation, formation mechanism, and gas sensitive properties. Sensors and Actuators B: Chemical, 2009, 137, 630-636.	4.0	48
140	Acicular crystal-assembled TiO_2 thin films and their deposition mechanism. Journal of Crystal Growth, 2009, 311, 512-517.	0.7	14
141	Selectively dissolution-recrystallization of ZnO crystals at the air-liquid interface. Journal of Crystal Growth, 2009, 311, 482-485.	0.7	7
142	Low-temperature fabrication of ZnO nanoarray films by forced hydrolysis of anhydrous zinc acetate layer. Journal of Crystal Growth, 2009, 311, 597-600.	0.7	14
143	Optical properties and dye adsorption characteristics of acicular crystal assembled TiO_2 thin films. Journal of Crystal Growth, 2009, 311, 436-439.	0.7	7
144	Aqueous synthesis of nanosheet assembled tin oxide particles and their N_2 adsorption characteristics. Journal of Crystal Growth, 2009, 311, 593-596.	0.7	38

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145	Morphology control of anisotropic BaTiO ₃ and BaTiOF ₄ using organic–inorganic interaction. Journal of Crystal Growth, 2009, 311, 589-592.	0.7	4
146	Preparation of single-crystalline ZnO films on ZnO-buffered a-plane sapphire by chemical bath deposition. Journal of Crystal Growth, 2009, 311, 3687-3691.	0.7	16
147	Effects of polyethylenimine on morphology and property of ZnO films grown in aqueous solutions. Applied Surface Science, 2009, 255, 6823-6826.	3.1	13
148	Aqueous Synthesis of ZnO Rod Arrays for Molecular Sensor. Crystal Growth and Design, 2009, 9, 3083-3088.	1.4	45
149	Growth of Highly <i>c</i> -Axis-Oriented ZnO Nanorods on ZnO/Glass Substrate: Growth Mechanism, Structural, and Optical Properties. Journal of Physical Chemistry C, 2009, 113, 14715-14720.	1.5	77
150	Site-Selective Growth of Highly Oriented ZnO Rod Arrays on Patterned Functionalized Si Substrates from Aqueous Solution. Crystal Growth and Design, 2009, 9, 2168-2172.	1.4	13
151	Polyethylenimine-Guided Self-Twin Zinc Oxide Nanoarray Assemblies. Crystal Growth and Design, 2009, 9, 3598-3602.	1.4	18
152	Site-Selective Deposition of In ₂ O ₃ Using a Self-Assembled Monolayer. Crystal Growth and Design, 2009, 9, 555-561.	1.4	31
153	Synthesis and phase transformation of TiO ₂ nano-crystals in aqueous solutions. Journal of the Ceramic Society of Japan, 2009, 117, 373-376.	0.5	61
154	Microstructure of High <i>c</i> -Axis Oriented Stand-Alone ZnO Self-Assembled Film. Journal of Nanoscience and Nanotechnology, 2009, 9, 490-494.	0.9	3
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