

Yoshiki Shimizu

List of Publications by Year in descending order

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135
papers

5,133
citations

76196

40
h-index

95083

68
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138
all docs

138
docs citations

138
times ranked

5567
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-step chemical vapor synthesis reactor based on a microplasma for structure-controlled synthesis of single-walled carbon nanotubes. <i>Chemical Engineering Journal</i> , 2022, 444, 136634.	6.6	2
2	Functional expression and mutant analysis of thioredoxin-fused CEL-III, a hemolytic lectin from the marine invertebrate <i>Cucumaria echinata</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2022, , .	0.6	0
3	Chemical-free exfoliation of hexagonal boron nitride via cavitation-bubble plasma in water. <i>Journal Physics D: Applied Physics</i> , 2022, 55, 335204.	1.3	4
4	A mini-microplasma-based synthesis reactor for growing highly crystalline carbon nanotubes. <i>Carbon</i> , 2021, 173, 448-453.	5.4	6
5	One-step gold line fabrication from particle-free inorganic salt-based ink via atmospheric pressure nonequilibrium plasma-assisted inkjet printing. <i>Materials Chemistry and Physics</i> , 2021, 258, 123836.	2.0	11
6	In vivo study of iron oxide-calcium phosphate composite nanoparticles for delivery to atherosclerosis. <i>Nanotechnology</i> , 2021, 32, 345101.	1.3	6
7	Boron nitride with high zeta potential via plasma processing in solution for preparation of polyrotaxane composite. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 425202.	1.3	11
8	Cuboid Cu(HBTC)(H ₂ O) ₃ synthesis via plasma pretreatment of trimesic acid solution. <i>Plasma Processes and Polymers</i> , 2021, 18, 2100047.	1.6	2
9	Role of Hydrogen in Catalyst Activation for Plasma-Based Synthesis of Carbon Nanotubes. <i>ACS Omega</i> , 2021, 6, 18763-18769.	1.6	5
10	Fabrication of polyrotaxane and graphene nanoplate composites with high thermal conductivities. <i>Polymer Composites</i> , 2021, 42, 5556-5563.	2.3	6
11	Fabrication of flexible porous slide-ring polymer/carbon nanofiber composite elastomer by simultaneous freeze-casting and cross-linking reaction with dimethyl sulfoxide. <i>Composites Science and Technology</i> , 2021, 215, 109028.	3.8	12
12	Effect of movable crosslinking points on mechanical properties in composite materials of large amount of plasma-surface-modified boron nitride and slide-ring elastomer. <i>Composites Science and Technology</i> , 2021, 216, 109036.	3.8	11
13	Quantitative Evidence for the Dependence of Highly Crystalline Single Wall Carbon Nanotube Synthesis on the Growth Method. <i>Nanomaterials</i> , 2021, 11, 3461.	1.9	5
14	Slide-Ring Material/Highly Dispersed Graphene Oxide Composite with Mechanical Strength and Tunable Electrical Conduction as a Stretchable-Base Substrate. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 47911-47920.	4.0	7
15	Aqueous dispersion of hexagonal boron nitride via plasma processing in a hydroquinone solution. <i>Journal Physics D: Applied Physics</i> , 2020, 53, 42LT01.	1.3	8
16	Movable cross-linked elastomer with aligned carbon nanotube/nanofiber as high thermally conductive tough flexible composite. <i>Composites Science and Technology</i> , 2020, 190, 108009.	3.8	41
17	Surface modification and Ag nanoparticles support of graphene nanoplates via plasma in liquid. <i>Japanese Journal of Applied Physics</i> , 2020, 59, SHHE08.	0.8	6
18	In-plane modification of hexagonal boron nitride particles via plasma in solution. <i>Applied Physics Express</i> , 2020, 13, 066001.	1.1	7

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19	Synthesis of Gold Nanoparticles via Vapor Phase using Atmospheric-pressure Microplasma Jet. <i>Journal of the Society of Powder Technology, Japan</i> , 2020, 57, 434-439.	0.0	0
20	A simple ozone bubbling procedure for the preparation of graphene oxide. <i>Japanese Journal of Applied Physics</i> , 2019, 58, S11A05.	0.8	2
21	A Two-Step Method for Stable and Impurity-Free Graphene Oxide Dispersion in Various Organic Solvents without a Stabilizer or Chemical Modification. <i>Bulletin of the Chemical Society of Japan</i> , 2019, 92, 511-520.	2.0	7
22	Thermally conductive tough flexible elastomers as composite of slide-ring materials and surface modified boron nitride particles via plasma in solution. <i>Applied Physics Letters</i> , 2018, 112, .	1.5	26
23	Facile one-pot fabrication of calcium phosphate-based composite nanoparticles as delivery and MRI contrast agents for macrophages. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 162, 135-145.	2.5	17
24	Development of High Thermally Conductive Flexible Elastomer as a Composite Material of Slide-Ring Material and Plasma-Surface-Modified Boron Nitride Particles: Effect of Plasma-Surface Modification of Boron Nitride Particles. <i>Nippon Kinzoku Gakkaishi/Journal of the Japan Institute of Metals</i> , 2018, 82, 403-407.	0.2	10
25	Laser-assisted wet coating of calcium phosphate for surface-functionalization of PEEK. <i>PLoS ONE</i> , 2018, 13, e0206524.	1.1	27
26	Tailoring of Magnetic Properties of NiO/Ni Composite Particles Fabricated by Pulsed Laser Irradiation. <i>Nanomaterials</i> , 2018, 8, 790.	1.9	12
27	Diameter control of gold nanoparticles synthesized in gas phase using atmospheric-pressure H ₂ /Ar plasma jet and gold wire as the nanoparticle source: Control by varying the H ₂ /Ar mixture ratio. <i>AIP Advances</i> , 2017, 7, 015316.	0.6	4
28	Electrical transport and thermoelectric properties of boron carbide nanowires. <i>Nanotechnology</i> , 2017, 28, 145404.	1.3	9
29	Production of water-dispersible reduced graphene oxide without stabilizers using liquid-phase photoreduction. <i>Soft Matter</i> , 2017, 13, 8353-8356.	1.2	14
30	Photoexcited ZnO nanoparticles with controlled defects as a highly sensitive oxygen sensor. <i>Applied Physics Letters</i> , 2016, 109, .	1.5	6
31	Physicochemical fabrication of antibacterial calcium phosphate submicrospheres with dispersed silver nanoparticles via coprecipitation and photoreduction under laser irradiation. <i>Acta Biomaterialia</i> , 2016, 46, 299-307.	4.1	25
32	Nano- and Submicrometer-Sized Spherical Particle Fabrication Using a Submicroscopic Droplet Formed Using Selective Laser Heating. <i>Journal of Physical Chemistry C</i> , 2016, 120, 2439-2446.	1.5	46
33	Size-controlled sub-micrometer spheroidized ZnO particles synthesis via plasma-induced processing in microdroplets. <i>Materials Letters</i> , 2016, 166, 81-84.	1.3	10
34	Controlled superficial assembly of DNA-encapsulated amorphous calcium phosphate nanocomposite spheres for surface-mediated gene delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 141, 519-527.	2.5	22
35	Salt-Free Reduction of Nonprecious Transition-Metal Compounds: Generation of Amorphous Ni Nanoparticles for Catalytic C-C Bond Formation. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 14437-14441.	7.2	66
36	Laser-assisted biomimetic process for surface functionalization of titanium metal. <i>Colloids and Interface Science Communications</i> , 2015, 4, 5-9.	2.0	20

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37	Laser-assisted one-pot fabrication of calcium phosphate-based submicrospheres with internally crystallized magnetite nanoparticles through chemical precipitation. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 8836-8842.	1.3	15
38	A physicochemical process for fabricating submicrometer hollow fluorescent spheres of Tb ³⁺ -incorporated calcium phosphate. <i>RSC Advances</i> , 2015, 5, 22620-22624.	1.7	6
39	Defects in ZnO nanoparticles laser-ablated in water-ethanol mixtures at different pressures. <i>Japanese Journal of Applied Physics</i> , 2015, 54, 070305.	0.8	18
40	Laser-assisted calcium phosphate deposition on polymer substrates in supersaturated solutions. <i>RSC Advances</i> , 2014, 4, 53645-53648.	1.7	14
41	A physicochemical process for fabricating submicrometre calcium iron phosphate spheres. <i>RSC Advances</i> , 2014, 4, 38442.	1.7	9
42	Pressure effect on ZnO nanoparticles prepared via laser ablation in water. <i>Journal of Applied Physics</i> , 2013, 113, .	1.1	49
43	Slow dynamics of ablated zone observed around the density fluctuation ridge of fluid medium. <i>Journal of Applied Physics</i> , 2013, 114, 214301.	1.1	14
44	Fabrication of Titanium-Based Hard Coatings by Atmospheric Microplasma-Metal Organic Chemical Vapor Deposition Using Titanium Tetraisopropoxide. <i>International Journal of Automation Technology</i> , 2013, 7, 720-725.	0.5	4
45	Synthesis of Au-Based Porous Magnetic Spheres by Selective Laser Heating in Liquid. <i>Langmuir</i> , 2012, 28, 4903-4907.	1.6	22
46	Tetragonal zirconia spheres fabricated by carbon-assisted selective laser heating in a liquid medium. <i>Nanotechnology</i> , 2012, 23, 115602.	1.3	26
47	Molecular Cloning, Functional Expression, and Characterization of Isolectin Genes of Hemolytic Lectin CEL-III from the Marine Invertebrate <i>Cucumaria echinata</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2012, 76, 276-282.	0.6	2
48	Liquid-phase laser process for simple and area-specific calcium phosphate coating. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 2573-2580.	2.1	24
49	Carbon-assisted fabrication of submicrometre spheres for low-optical-absorbance materials by selective laser heating in liquid. <i>Journal of Materials Chemistry</i> , 2011, 21, 14406.	6.7	27
50	Fabrication of Crystalline Silicon Spheres by Selective Laser Heating in Liquid Medium. <i>Langmuir</i> , 2011, 27, 5076-5080.	1.6	68
51	Untraditional Approach to Complex Hierarchical Periodic Arrays with Ternary Stepwise Architectures of Micro-, Submicro-, and Nanosized Structures Based on Binary Colloidal Crystals and Their Fine Structure Enhanced Properties. <i>ACS Nano</i> , 2011, 5, 9403-9412.	7.3	94
52	Preparation of silver spheres by selective laser heating in silver-containing precursor solution. <i>Optics Express</i> , 2011, 19, 2846.	1.7	26
53	Preparation of silver spheres by selective laser heating in silver-containing precursor solution: erratum. <i>Optics Express</i> , 2011, 19, 12855.	1.7	7
54	Preparation of carbon quantum dots with tunable photoluminescence by rapid laser passivation in ordinary organic solvents. <i>Chemical Communications</i> , 2011, 47, 932-934.	2.2	482

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55	A New Method of 'Solid Inking' and Its Application to Direct Patterning of InAs Nanowire Using Dip-Pen Nanolithography. <i>IEICE Transactions on Electronics</i> , 2011, E94-C, 146-150.	0.3	0
56	Highly Stable Au Nanoparticles with Tunable Spacing and Their Potential Application in Surface Plasmon Resonance Biosensors. <i>Advanced Functional Materials</i> , 2010, 20, 78-86.	7.8	67
57	Carrier doping into boron nanobelts by neutron transmutation. <i>Applied Physics Letters</i> , 2010, 97, 212105.	1.5	4
58	Nanoparticle Synthesis from Solid Raw Material Using the Plasma Jet Generated in Open Air. <i>Journal of High Temperature Society</i> , 2010, 36, 174-177.	0.1	0
59	Generation of room-temperature atmospheric H ₂ /Ar microplasma jet driven with pulse-modulated ultrahigh frequency and its application to gold nanoparticle preparation. <i>Applied Physics Letters</i> , 2009, 94, 191504.	1.5	28
60	Periodic TiO ₂ Nanorod Arrays with Hexagonal Nonclose-Packed Arrangements: Excellent Field Emitters by Parameter Optimization. <i>Advanced Functional Materials</i> , 2009, 19, 2467-2473.	7.8	96
61	Aging effect on blue luminescent silicon nanocrystals prepared by pulsed laser ablation of silicon wafer in de-ionized water. <i>Applied Physics B: Lasers and Optics</i> , 2009, 94, 133-139.	1.1	25
62	Unconventional Lithography for Hierarchical Micro-/Nanostructure Arrays with Well-Aligned 1D Crystalline Nanostructures: Design and Creation Based on the Colloidal Monolayer. <i>ACS Applied Materials & Interfaces</i> , 2009, 1, 2580-2585.	4.0	24
63	A New Approach for Hydroxyapatite Coating on Polymeric Materials Using Laser-Induced Precursor Formation and Subsequent Aging. <i>ACS Applied Materials & Interfaces</i> , 2009, 1, 1520-1524.	4.0	25
64	Innovative Platform for Transmission Localized Surface Plasmon Transducers and Its Application in Detecting Heavy Metal Pd(II). <i>Analytical Chemistry</i> , 2009, 81, 7703-7712.	3.2	23
65	Controlled Cobalt Oxide from Two-Dimensional Films to One-Dimensional Nanorods and Zero-Dimensional Nanoparticles: Morphology-Dependent Optical Carbon Monoxide Gas-Sensing Properties. <i>Journal of Physical Chemistry C</i> , 2009, 113, 15948-15954.	1.5	23
66	Dense growth of multiply-twinned star-shaped molybdenum particles by atmospheric H ₂ /Ar microplasma jet. <i>CrystEngComm</i> , 2009, 11, 1940.	1.3	7
67	A Hierarchically Ordered TiO ₂ Hemispherical Particle Array with Hexagonal-Nonclose-Packed Tops: Synthesis and Stable Superhydrophilicity Without UV Irradiation. <i>Small</i> , 2008, 4, 2286-2291.	5.2	160
68	Synthesis of ZnO nanoparticles using nanosecond pulsed laser ablation in aqueous media and their self-assembly towards spindle-like ZnO aggregates. <i>Applied Surface Science</i> , 2008, 254, 2196-2202.	3.1	138
69	Hexagonal-Close-Packed, Hierarchical Amorphous TiO ₂ Nanocolumn Arrays: Transferability, Enhanced Photocatalytic Activity, and Superamphiphilicity without UV Irradiation. <i>Journal of the American Chemical Society</i> , 2008, 130, 14755-14762.	6.6	321
70	Blue luminescent silicon nanocrystals prepared by nanosecond laser ablation and stabilized in electronically compatible spin on glasses. <i>Journal of Applied Physics</i> , 2008, 103, 023101.	1.1	17
71	One-Dimensional Confinement of CdS Nanodots and Subsequent Formation of CdS Nanowires by Using a Glycolipid Nanotube as a Ship-in-Bottle Scaffold. <i>Journal of Physical Chemistry C</i> , 2008, 112, 18412-18416.	1.5	13
72	Room temperature photoluminescence of the freestanding silicon nanocrystals. <i>Transactions of the Materials Research Society of Japan</i> , 2008, 33, 659-663.	0.2	0

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73	Localized deposition of metallic molybdenum particles in ambient air using atmospheric-pressure microplasma. , 2007, , .		2
74	Topological analysis of Au particles in Au/SiO ₂ nanocomposite films designed for molecular conduction measurement through Voronoi diagram. Nanotechnology, 2007, 18, 145703.	1.3	7
75	Boron carbide spherical particles encapsulated in graphite prepared by pulsed laser irradiation of boron in liquid medium. Applied Physics Letters, 2007, 91, .	1.5	74
76	Gas temperature and electron temperature measurements by emission spectroscopy for an atmospheric microplasma. Journal of Applied Physics, 2007, 101, 013307.	1.1	67
77	Preparation of ZnS semiconductor nanocrystals using pulsed laser ablation in aqueous surfactant solutions. Journal of Physics: Conference Series, 2007, 59, 388-391.	0.3	4
78	Surfactantâ€Assisted Preparation of Novel Layered Silver Bromideâ€Based Inorganic/Organic Nanosheets by Pulsed Laser Ablation in Aqueous Media. Advanced Functional Materials, 2007, 17, 3554-3561.	7.8	44
79	Fluorescent Nanotubes Consisting of CdS-Embedded Bilayer Membranes of a Peptide Lipid. Advanced Materials, 2007, 19, 1055-1058.	11.1	40
80	Carbon materials syntheses using dielectric barrier discharge microplasma in supercritical carbon dioxide environments. Journal of Supercritical Fluids, 2007, 41, 404-411.	1.6	76
81	Colloidal blue and red luminescent silicon nanocrystals and their elaboration in pure and doped spin on glasses. Physica E: Low-Dimensional Systems and Nanostructures, 2007, 40, 293-296.	1.3	1
82	Fabrication of ZnO nanoparticles by pulsed laser ablation in aqueous media and pH-dependent particle size: An approach to study the mechanism of enhanced green photoluminescence. Journal of Photochemistry and Photobiology A: Chemistry, 2007, 191, 66-73.	2.0	56
83	Aggregation of Silicon Nanocrystals Prepared by Laser Ablation in Deionized Water. Journal of Laser Micro Nanoengineering, 2007, 2, 15-20.	0.4	20
84	Reactive Evaporation of Metal Wire and Microdeposition of Metal Oxide Using Atmospheric Pressure Reactive Microplasma Jet. Japanese Journal of Applied Physics, 2006, 45, 8228-8234.	0.8	53
85	Zeolite LTA Nanoparticles Prepared by Laser-Induced Fracture of Zeolite Microcrystals. Journal of Physical Chemistry B, 2006, 110, 83-89.	1.2	25
86	Localized Deposition Technique using an Atmospheric-pressure Microplasma Jet for On-demand Material Processing. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2006, 19, 235-240.	0.1	3
87	Preparation of Feâ€Pt alloy particles by pulsed laser ablation in liquid medium. Chemical Physics Letters, 2006, 428, 426-429.	1.2	42
88	Silicon nanocrystals formed by pulsed laser-induced fragmentation of electrochemically etched Si micrograins. Chemical Physics Letters, 2006, 429, 483-487.	1.2	21
89	Preparation of metal oxide-based nanomaterials using nanosecond pulsed laser ablation in liquids. Journal of Photochemistry and Photobiology A: Chemistry, 2006, 182, 335-341.	2.0	128
90	Mg-doping experiment and electrical transport measurement of boron nanobelts. Journal of Solid State Chemistry, 2006, 179, 2799-2804.	1.4	15

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91	Preparation of zinc oxide nanorods using pulsed laser ablation in water media at high temperature. <i>Journal of Colloid and Interface Science</i> , 2006, 300, 612-615.	5.0	136
92	Development of wire spraying for direct micro-patterning via an atmospheric-pressure UHF inductively coupled microplasma jet. <i>Surface and Coatings Technology</i> , 2006, 200, 4251-4256.	2.2	50
93	Flow rate effect on the structure and morphology of molybdenum oxide nanoparticles deposited by atmospheric-pressure microplasma processing. <i>Nanotechnology</i> , 2006, 17, 5976-5982.	1.3	54
94	Microplasma Synthesis of Carbon Nanostructured Materials. <i>Advances in Science and Technology</i> , 2006, 48, 9-16.	0.2	0
95	Method to determine argon metastable number density and plasma electron temperature from spectral emission originating from four 4p argon levels. <i>Applied Physics Letters</i> , 2006, 89, 201502.	1.5	58
96	Dependence of photocurrent in single-crystalline boron nanobelts on atmosphere. <i>Applied Physics Letters</i> , 2006, 89, 243121.	1.5	21
97	Blue luminescent silicon nanocrystals prepared by ns pulsed laser ablation in water. <i>Applied Physics Letters</i> , 2006, 89, 213113.	1.5	125
98	Boron nitride microfibers grown by plasma-assisted laser chemical vapor deposition without a metal catalyst. <i>Applied Physics Letters</i> , 2006, 88, 151914.	1.5	8
99	Preparation of Oxide Nanomaterials Using Pulsed Laser Ablation. <i>The Review of Laser Engineering</i> , 2005, 33, 18-23.	0.0	2
100	Encapsulation of Ferritin within a Hollow Cylinder of Glycolipid Nanotubes. <i>Chemistry Letters</i> , 2005, 34, 232-233.	0.7	42
101	Blue luminescence from amorphous GaN films deposited by pulsed-laser ablation at room temperature. <i>Thin Solid Films</i> , 2005, 472, 11-15.	0.8	14
102	Photoluminescence of ZnO Nanoparticles Prepared by Laser Ablation in Different Surfactant Solutions. <i>Journal of Physical Chemistry B</i> , 2005, 109, 120-124.	1.2	251
103	Cylindrical Metal Wire Surface Coating with Multiwalled Carbon Nanotubes by an Atmospheric-Pressure Microplasma CVD Technique. <i>Chemical Vapor Deposition</i> , 2005, 11, 244-249.	1.4	20
104	Fabrication of Mixed Zn/Cu-Bound Polyimine Microspheres with Fine-Tuned Diameter and Internal Gradation of Metal Composition. <i>Advanced Materials</i> , 2005, 17, 606-610.	11.1	9
105	Preparation of ultrafine TiO ₂ nanocrystals via pulsed-laser ablation of titanium metal in surfactant solution. <i>Applied Physics A: Materials Science and Processing</i> , 2005, 80, 819-822.	1.1	81
106	Electrical transport of tetragonal boron nanobelts. <i>Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 2005, 23, 2510.	1.6	11
107	Temperature dependence of electrical conductance in single-crystalline boron nanobelts. <i>Applied Physics Letters</i> , 2005, 86, 212101.	1.5	35
108	Effect of plasma conditions on fabrication of multi-walled carbon nanotubes grown perpendicularly on Hastelloy C276®. <i>Diamond and Related Materials</i> , 2005, 14, 11-15.	1.8	7

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109	One-step growth of silica nanotubes and simultaneous filling with indium sulfide nanorods. <i>Journal of Materials Chemistry</i> , 2004, 14, 248.	6.7	37
110	Fabrication of Organic/Inorganic Nanocomposites Using Pulsed Laser Ablation of Zinc in Aqueous Solutions. <i>Materials Research Society Symposia Proceedings</i> , 2004, 847, 140.	0.1	0
111	Effect of substrate position on the morphology of boron products by laser ablation. <i>Applied Physics A: Materials Science and Processing</i> , 2004, 79, 891-893.	1.1	6
112	Fabrication of oxide base nanostructures using pulsed laser ablation in aqueous solutions. <i>Applied Physics A: Materials Science and Processing</i> , 2004, 79, 1489-1492.	1.1	67
113	Fabrication of crystallized boron films by laser ablation. <i>Journal of Solid State Chemistry</i> , 2004, 177, 1639-1645.	1.4	13
114	Pulsed-laser ablation of Mg in liquids: surfactant-directing nanoparticle assembly for magnesium hydroxide nanostructures. <i>Chemical Physics Letters</i> , 2004, 389, 58-63.	1.2	87
115	Condensation of sp ³ -Bonded Boron Nitride through a Highly Nonequilibrium Fluid State. <i>Journal of Physical Chemistry B</i> , 2004, 108, 205-211.	1.2	9
116	Carbon and copper nanostructured materials syntheses by plasma discharge in a supercritical fluid environment. <i>Journal of Materials Chemistry</i> , 2004, 14, 1513.	6.7	43
117	Glycolipid Nanotube Hollow Cylinders as Substrates: Fabrication of One-Dimensional Metallic Organic Nanocomposites and Metal Nanowires. <i>Chemistry of Materials</i> , 2004, 16, 2826-2831.	3.2	94
118	Au-Mediated Growth of Wurtzite ZnS Nanobelts, Nanosheets, and Nanorods via Thermal Evaporation. <i>Journal of Physical Chemistry B</i> , 2004, 108, 9728-9733.	1.2	81
119	Synthesis, characterization, and phase stability of ultrafine TiO ₂ nanoparticles by pulsed laser ablation in liquid media. <i>Journal of Materials Research</i> , 2004, 19, 1551-1557.	1.2	56
120	Preparation of Layered Zinc Hydroxide/Surfactant Nanocomposite by Pulsed-Laser Ablation in a Liquid Medium. <i>Chemistry of Materials</i> , 2004, 16, 963-965.	3.2	144
121	Fabrication of spherical carbon via UHF inductively coupled microplasma CVD. <i>Journal Physics D: Applied Physics</i> , 2003, 36, 2940-2944.	1.3	61
122	A Novel Macromolecular Complex: Fabrication of Monodisperse Colloidal Microspheres by Precipitation Polymerization of Imine Chains and Concomitant Transition Metal Binding. <i>Advanced Materials</i> , 2003, 15, 1458-1461.	11.1	17
123	Catalyst-free fabrication of single crystalline boron nanobelts by laser ablation. <i>Chemical Physics Letters</i> , 2003, 368, 663-667.	1.2	105
124	Fabrication of carbon nanotube assemblies on Ni-Mo substrates mimics law of natural forest growth. <i>Chemical Physics Letters</i> , 2003, 370, 774-780.	1.2	20
125	¹¹ B and ¹⁰ B MAS NMR studies of distorted tetrahedral coordination of wurtzite boron nitride. <i>Diamond and Related Materials</i> , 2003, 12, 1169-1172.	1.8	1
126	Synthesis of Ultrafine SnO ₂ -xNanocrystals by Pulsed Laser-Induced Reactive Quenching in Liquid Medium. <i>Journal of Physical Chemistry B</i> , 2003, 107, 9220-9225.	1.2	137

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127	Preparation of boron nitride nanocapsules by plasma-assisted pulsed laser deposition. Journal of Applied Physics, 2002, 91, 6181-6184.	1.1	14
128	Novel ion-molecular surface reaction to result in CH ₃ adsorbates on (111) surface of chemical vapor deposition diamond from ethane and surface anionic sites. Journal of Applied Physics, 2001, 89, 8291-8296.	1.1	2
129	B _{1-x} C _x N nanotubes prepared by a plasma evaporation method. Thin Solid Films, 2001, 390, 26-30.	0.8	19
130	Nanoparticles and nanoballoons of amorphous boron coated with crystalline boron nitride. Applied Physics Letters, 2001, 79, 188-190.	1.5	16
131	Title is missing!. , 1999, 4, 129-134.		0
132	New Phase of sp ³ -Bonded BN: The 5H Polytype. Journal of Physical Chemistry B, 1999, 103, 3289-3291.	1.2	26
133	Boron nitride nanotubes, webs, and coexisting amorphous phase formed by the plasma jet method. Applied Physics Letters, 1999, 75, 929-931.	1.5	74
134	Concurrent preparation of carbon, boron nitride and composite nanotubes of carbon with boron nitride by a plasma evaporation method. Thin Solid Films, 1998, 316, 178-184.	0.8	21
135	Laser-Assisted Biomimetic Process for Calcium Phosphate Coating on a Hydroxyapatite Ceramic. Key Engineering Materials, 0, 529-530, 217-222.	0.4	4