

Yoshiki Shimizu

List of Publications by Year in descending order

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135
papers

5,133
citations

76196

40
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95083

68
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138
all docs

138
docs citations

138
times ranked

5567
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	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
7	Synthesis of Ultrafine SnO ₂ -x Nanocrystals by Pulsed Laser-Induced Reactive Quenching in Liquid Medium. <i>Journal of Physical Chemistry B</i> , 2003, 107, 9220-9225.	1.2	137
8	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
9	Preparation of metal oxide-based nanomaterials using nanosecond pulsed laser ablation in liquids. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006, 182, 335-341.	2.0	128
10	Blue luminescent silicon nanocrystals prepared by ns pulsed laser ablation in water. <i>Applied Physics Letters</i> , 2006, 89, 2131-13.	1.5	125
11	Catalyst-free fabrication of single crystalline boron nanobelts by laser ablation. <i>Chemical Physics Letters</i> , 2003, 368, 663-667.	1.2	105
12	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
13	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
14	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
15	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
16	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
17	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
18	Carbon materials syntheses using dielectric barrier discharge microplasma in supercritical carbon dioxide environments. <i>Journal of Supercritical Fluids</i> , 2007, 41, 404-411.	1.6	76

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19	Boron nitride nanotubes, webs, and coexisting amorphous phase formed by the plasma jet method. <i>Applied Physics Letters</i> , 1999, 75, 929-931.	1.5	74
20	Boron carbide spherical particles encapsulated in graphite prepared by pulsed laser irradiation of boron in liquid medium. <i>Applied Physics Letters</i> , 2007, 91, .	1.5	74
21	Fabrication of Crystalline Silicon Spheres by Selective Laser Heating in Liquid Medium. <i>Langmuir</i> , 2011, 27, 5076-5080.	1.6	68
22	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
23	Gas temperature and electron temperature measurements by emission spectroscopy for an atmospheric microplasma. <i>Journal of Applied Physics</i> , 2007, 101, 013307.	1.1	67
24	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
25	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
26	Fabrication of spherical carbon via UHF inductively coupled microplasma CVD. <i>Journal Physics D: Applied Physics</i> , 2003, 36, 2940-2944.	1.3	61
27	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
28	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
29	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. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2007, 191, 66-73.	2.0	56
30	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
31	Reactive Evaporation of Metal Wire and Microdeposition of Metal Oxide Using Atmospheric Pressure Reactive Microplasma Jet. <i>Japanese Journal of Applied Physics</i> , 2006, 45, 8228-8234.	0.8	53
32	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
33	Pressure effect on ZnO nanoparticles prepared via laser ablation in water. <i>Journal of Applied Physics</i> , 2013, 113, .	1.1	49
34	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
35	Surfactant-Assisted Preparation of Novel Layered Silver Bromide-Based Inorganic/Organic Nanosheets by Pulsed Laser Ablation in Aqueous Media. <i>Advanced Functional Materials</i> , 2007, 17, 3554-3561.	7.8	44
36	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

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37	Encapsulation of Ferritin within a Hollow Cylinder of Glycolipid Nanotubes. <i>Chemistry Letters</i> , 2005, 34, 232-233.	0.7	42
38	Preparation of Fe-Pt alloy particles by pulsed laser ablation in liquid medium. <i>Chemical Physics Letters</i> , 2006, 428, 426-429.	1.2	42
39	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
40	Fluorescent Nanotubes Consisting of CdS-Embedded Bilayer Membranes of a Peptide Lipid. <i>Advanced Materials</i> , 2007, 19, 1055-1058.	11.1	40
41	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
42	Temperature dependence of electrical conductance in single-crystalline boron nanobelts. <i>Applied Physics Letters</i> , 2005, 86, 212101.	1.5	35
43	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
44	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
45	Laser-assisted wet coating of calcium phosphate for surface-functionalization of PEEK. <i>PLoS ONE</i> , 2018, 13, e0206524.	1.1	27
46	New Phase of sp ³ -Bonded BN: The 5H Polytype. <i>Journal of Physical Chemistry B</i> , 1999, 103, 3289-3291.	1.2	26
47	Preparation of silver spheres by selective laser heating in silver-containing precursor solution. <i>Optics Express</i> , 2011, 19, 2846.	1.7	26
48	Tetragonal zirconia spheres fabricated by carbon-assisted selective laser heating in a liquid medium. <i>Nanotechnology</i> , 2012, 23, 115602.	1.3	26
49	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
50	Zeolite LTA Nanoparticles Prepared by Laser-Induced Fracture of Zeolite Microcrystals. <i>Journal of Physical Chemistry B</i> , 2006, 110, 83-89.	1.2	25
51	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
52	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
53	Physicochemical fabrication of antibacterial calcium phosphate microspheres with dispersed silver nanoparticles via coprecipitation and photoreduction under laser irradiation. <i>Acta Biomaterialia</i> , 2016, 46, 299-307.	4.1	25
54	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

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55	Liquidâ€phase laser process for simple and areaâ€specific calcium phosphate coating. Journal of Biomedical Materials Research - Part A, 2012, 100A, 2573-2580.	2.1	24
56	Innovative Platform for Transmission Localized Surface Plasmon Transducers and Its Application in Detecting Heavy Metal Pd(II). Analytical Chemistry, 2009, 81, 7703-7712.	3.2	23
57	Controlled Cobalt Oxide from Two-Dimensional Films to One-Dimensional Nanorods and Zero-Dimensional Nanoparticles: Morphology-Dependent Optical Carbon Monoxide Gas-Sensing Properties. Journal of Physical Chemistry C, 2009, 113, 15948-15954.	1.5	23
58	Synthesis of Au-Based Porous Magnetic Spheres by Selective Laser Heating in Liquid. Langmuir, 2012, 28, 4903-4907.	1.6	22
59	Controlled superficial assembly of DNAâ€amorphous calcium phosphate nanocomposite spheres for surface-mediated gene delivery. Colloids and Surfaces B: Biointerfaces, 2016, 141, 519-527.	2.5	22
60	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
61	Silicon nanocrystals formed by pulsed laser-induced fragmentation of electrochemically etched Si micrograins. Chemical Physics Letters, 2006, 429, 483-487.	1.2	21
62	Dependence of photocurrent in single-crystalline boron nanobelts on atmosphere. Applied Physics Letters, 2006, 89, 243121.	1.5	21
63	Fabrication of carbon nanotube assemblies on Niâ€Mo substrates mimics law of natural forest growth. Chemical Physics Letters, 2003, 370, 774-780.	1.2	20
64	Cylindrical Metal Wire Surface Coating with Multiwalled Carbon Nanotubes by an Atmospheric-Pressure Microplasma CVD Technique. Chemical Vapor Deposition, 2005, 11, 244-249.	1.4	20
65	Laser-assisted biomimetic process for surface functionalization of titanium metal. Colloids and Interface Science Communications, 2015, 4, 5-9.	2.0	20
66	Aggregation of Silicon Nanocrystals Prepared by Laser Ablation in Deionized Water. Journal of Laser Micro Nanoengineering, 2007, 2, 15-20.	0.4	20
67	Biâ€Câ€N nanotubes prepared by a plasma evaporation method. Thin Solid Films, 2001, 390, 26-30.	0.8	19
68	Defects in ZnO nanoparticles laser-ablated in waterâ€ethanol mixtures at different pressures. Japanese Journal of Applied Physics, 2015, 54, 070305.	0.8	18
69	A Novel Macromolecular Complex: Fabrication of Monodisperse Colloidal Microspheres by Precipitation Polymerization of Imine Chains and Concomitant Transition Metal Binding. Advanced Materials, 2003, 15, 1458-1461.	11.1	17
70	Blue luminescent silicon nanocrystals prepared by nanosecond laser ablation and stabilized in electronically compatible spin on glasses. Journal of Applied Physics, 2008, 103, 023101.	1.1	17
71	Facile one-pot fabrication of calcium phosphate-based composite nanoparticles as delivery and MRI contrast agents for macrophages. Colloids and Surfaces B: Biointerfaces, 2018, 162, 135-145.	2.5	17
72	Nanoparticles and nanoballoons of amorphous boron coated with crystalline boron nitride. Applied Physics Letters, 2001, 79, 188-190.	1.5	16

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73	Mg-doping experiment and electrical transport measurement of boron nanobelts. <i>Journal of Solid State Chemistry</i> , 2006, 179, 2799-2804.	1.4	15
74	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
75	Preparation of boron nitride nanocapsules by plasma-assisted pulsed laser deposition. <i>Journal of Applied Physics</i> , 2002, 91, 6181-6184.	1.1	14
76	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
77	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
78	Laser-assisted calcium phosphate deposition on polymer substrates in supersaturated solutions. <i>RSC Advances</i> , 2014, 4, 53645-53648.	1.7	14
79	Production of water-dispersible reduced graphene oxide without stabilizers using liquid-phase photoreduction. <i>Soft Matter</i> , 2017, 13, 8353-8356.	1.2	14
80	Fabrication of crystallized boron films by laser ablation. <i>Journal of Solid State Chemistry</i> , 2004, 177, 1639-1645.	1.4	13
81	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
82	Tailoring of Magnetic Properties of NiO/Ni Composite Particles Fabricated by Pulsed Laser Irradiation. <i>Nanomaterials</i> , 2018, 8, 790.	1.9	12
83	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
84	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
85	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
86	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
87	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
88	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
89	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
90	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

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91	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
92	A physicochemical process for fabricating submicrometre calcium iron phosphate spheres. <i>RSC Advances</i> , 2014, 4, 38442.	1.7	9
93	Electrical transport and thermoelectric properties of boron carbide nanowires. <i>Nanotechnology</i> , 2017, 28, 145404.	1.3	9
94	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
95	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
96	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
97	Topological analysis of Au particles in Au/SiO ₂ nanocomposite films designed for molecular conduction measurement through Voronoi diagram. <i>Nanotechnology</i> , 2007, 18, 145703.	1.3	7
98	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
99	Preparation of silver spheres by selective laser heating in silver-containing precursor solution: erratum. <i>Optics Express</i> , 2011, 19, 12855.	1.7	7
100	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
101	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
102	In-plane modification of hexagonal boron nitride particles via plasma in solution. <i>Applied Physics Express</i> , 2020, 13, 066001.	1.1	7
103	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
104	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
105	Photoexcited ZnO nanoparticles with controlled defects as a highly sensitive oxygen sensor. <i>Applied Physics Letters</i> , 2016, 109, .	1.5	6
106	A mini-microplasma-based synthesis reactor for growing highly crystalline carbon nanotubes. <i>Carbon</i> , 2021, 173, 448-453.	5.4	6
107	In vivo study of iron oxide-calcium phosphate composite nanoparticles for delivery to atherosclerosis. <i>Nanotechnology</i> , 2021, 32, 345101.	1.3	6
108	Fabrication of polyrotaxane and graphene nanoplate composites with high thermal conductivities. <i>Polymer Composites</i> , 2021, 42, 5556-5563.	2.3	6

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109	Surface modification and Ag nanoparticles support of graphene nanoplates via plasma in liquid. Japanese Journal of Applied Physics, 2020, 59, SHHE08.	0.8	6
110	Role of Hydrogen in Catalyst Activation for Plasma-Based Synthesis of Carbon Nanotubes. ACS Omega, 2021, 6, 18763-18769.	1.6	5
111	Quantitative Evidence for the Dependence of Highly Crystalline Single Wall Carbon Nanotube Synthesis on the Growth Method. Nanomaterials, 2021, 11, 3461.	1.9	5
112	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
113	Carrier doping into boron nanobelts by neutron transmutation. Applied Physics Letters, 2010, 97, 212105.	1.5	4
114	Laser-Assisted Biomimetic Process for Calcium Phosphate Coating on a Hydroxyapatite Ceramic. Key Engineering Materials, 0, 529-530, 217-222.	0.4	4
115	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. AIP Advances, 2017, 7, 015316.	0.6	4
116	Fabrication of Titanium-Based Hard Coatings by Atmospheric Microplasma-Metal Organic Chemical Vapor Deposition Using Titanium Tetraisopropoxide. International Journal of Automation Technology, 2013, 7, 720-725.	0.5	4
117	Chemical-free exfoliation of hexagonal boron nitride via cavitation-bubble plasma in water. Journal Physics D: Applied Physics, 2022, 55, 335204.	1.3	4
118	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
119	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
120	Preparation of Oxide Nanomaterials Using Pulsed Laser Ablation. The Review of Laser Engineering, 2005, 33, 18-23.	0.0	2
121	Localized deposition of metallic molybdenum particles in ambient air using atmospheric-pressure microplasma. , 2007, , .		2
122	Molecular Cloning, Functional Expression, and Characterization of Isolectin Genes of Hemolytic Lectin CEL-III from the Marine Invertebrate Cucumaria echinata. Bioscience, Biotechnology and Biochemistry, 2012, 76, 276-282.	0.6	2
123	A simple ozone bubbling procedure for the preparation of graphene oxide. Japanese Journal of Applied Physics, 2019, 58, S1A05.	0.8	2
124	Cuboid Cu(HBTC)(H ₂ O) ₃ synthesis via plasma pretreatment of trimesic acid solution. Plasma Processes and Polymers, 2021, 18, 2100047.	1.6	2
125	Multi-step chemical vapor synthesis reactor based on a microplasma for structure-controlled synthesis of single-walled carbon nanotubes. Chemical Engineering Journal, 2022, 444, 136634.	6.6	2
126	11B and 10B MAS NMR studies of distorted tetrahedral coordination of wurtzite boron nitride. Diamond and Related Materials, 2003, 12, 1169-1172.	1.8	1

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127	Colloidal blue and red luminescent silicon nanocrystals and their elaboration in pure and doped spin on glasses. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2007, 40, 293-296.	1.3	1
128	Title is missing!. , 1999, 4, 129-134.		0
129	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
130	Microplasma Synthesis of Carbon Nanostructured Materials. <i>Advances in Science and Technology</i> , 2006, 48, 9-16.	0.2	0
131	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
132	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
133	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
134	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
135	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