

Minoru Fujii

List of Publications by Year in descending order

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405
papers

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citations

22153

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#	ARTICLE	IF	CITATIONS
1	Template-Assisted Self-Assembly of Colloidal Silicon Nanoparticles for All-Dielectric Nanoantenna. <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	6
2	Disentangling Cathodoluminescence Spectra in Nanophotonics: Particle Eigenmodes vs Transition Radiation. <i>Nano Letters</i> , 2022, 22, 2320-2327.	9.1	7
3	Resonance Couplings in Si@MoS ₂ Core-Shell Architectures. <i>Small</i> , 2022, 18, e2200413.	10.0	8
4	Enhanced Light Emission from Monolayer MoS ₂ by Doubly Resonant Spherical Si Nanoantennas. <i>ACS Photonics</i> , 2022, 9, 1741-1747.	6.6	11
5	Computational Discovery and Experimental Demonstration of Boron Phosphide Ultraviolet Nanoresonators. <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	4
6	(Invited, Digital Presentation) Enhancement of Magnetic Dipole Transition of Molecules By Silicon Nanoparticle Nanoantenna. <i>ECS Meeting Abstracts</i> , 2022, MA2022-01, 1081-1081.	0.0	0
7	Optimizing plasmon enhanced luminescence in silicon nanocrystals by gold nanorods. <i>Nanoscale</i> , 2021, 13, 5045-5057.	5.6	18
8	Colloidal Mie Resonators for All-Dielectric Metaoptics. <i>Advanced Photonics Research</i> , 2021, 2, 2000111.	3.6	21
9	Angle-, Polarization-, and Wavelength-Resolved Light Scattering of Single Mie Resonators Using Fourier-Plane Spectroscopy. <i>Advanced Optical Materials</i> , 2021, 9, 2002192.	7.3	13
10	Color Toning of Mie Resonant Silicon Nanoparticle Color Inks. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 13613-13619.	8.0	24
11	Dual modulating luminescence in all-inorganic perovskite CsPbBr ₃ quantum dots. <i>Optical Materials</i> , 2021, 113, 110822.	3.6	8
12	Magnetic Purcell Enhancement by Magnetic Quadrupole Resonance of Dielectric Nanosphere Antenna. <i>ACS Photonics</i> , 2021, 8, 1794-1800.	6.6	24
13	Plasmon Launching and Scattering by Silicon Nanoparticles. <i>ACS Photonics</i> , 2021, 8, 1582-1591.	6.6	15
14	MENP: an open-source MATLAB implementation of multipole expansion for nanophotonics. <i>OSA Continuum</i> , 2021, 4, 1640.	1.8	45
15	Colloidal Mie resonant silicon nanoparticles. <i>Nanotechnology</i> , 2021, 32, 452001.	2.6	12
16	Solution-processed silicon quantum dot photocathode for hydrogen evolution. <i>Nanotechnology</i> , 2021, 32, 485709.	2.6	4
17	Optical spin sorting chain. <i>Optics Express</i> , 2021, 29, 34951.	3.4	1
18	Direct Excitation of Triplet State of Molecule by Enhanced Magnetic Field of Dielectric Metasurfaces. <i>Small</i> , 2021, 17, e2104458.	10.0	4

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19	Thermal near-field tuning of silicon Mie nanoparticles. <i>Nanophotonics</i> , 2021, 10, 4161-4169.	6.0	11
20	Structure and Properties of Heavily B and P Codoped Amorphous Silicon Quantum Dots. <i>Journal of Physical Chemistry C</i> , 2021, 125, 23267-23274.	3.1	1
21	Coupling of Planar Waveguide Modes in All-Dielectric Multilayer Structures: Monitoring the Dependence of Local Electric Fields on the Coupling Strength. <i>Physical Review Applied</i> , 2021, 16, .	3.8	2
22	Quantitative Understanding of Charge-Transfer-Mediated Fe ³⁺ Sensing and Fast Photoresponse by N-Doped Graphene Quantum Dots Decorated on Plasmonic Au Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 4755-4768.	8.0	47
23	Colloidal Solutions of Silicon Nanospheres toward All-Dielectric Optical Metafluids. <i>Nano Letters</i> , 2020, 20, 7737-7743.	9.1	26
24	Silicon Nanowire on Mirror Nanoantennas: Engineering Hybrid Gap Mode for Light Sources and Sensing Platforms. <i>ACS Applied Nano Materials</i> , 2020, 3, 7223-7230.	5.0	3
25	Stable near-infrared photoluminescence from silicon quantum dot- <i>bovine serum albumin</i> composites. <i>MRS Communications</i> , 2020, 10, 680-686.	1.8	3
26	Coupled Toroidal Dipole Modes in Silicon Nanodisk Metasurface: Polarization Independent Narrow Band Absorption and Directional Emission. <i>Advanced Optical Materials</i> , 2020, 8, 2001148.	7.3	26
27	Triplex Glass Laminates with Silicon Quantum Dots for Luminescent Solar Concentrators. <i>Solar Rrl</i> , 2020, 4, 2000195.	5.8	31
28	Excitation of Nonradiating Anapoles in Dielectric Nanospheres. <i>Physical Review Letters</i> , 2020, 124, 097402.	7.8	45
29	3D microstructure analysis of silicon- <i>boron phosphide</i> mixed nanocrystals. <i>Nanoscale</i> , 2020, 12, 7256-7262.	5.6	3
30	Observation of Fano line shape in directional fluorescence emission mediated by coupled planar waveguide modes and interpretation based on Lorentz reciprocity. <i>AIP Advances</i> , 2020, 10, .	1.3	4
31	Visible-light driven photocatalytic hydrogen generation by water-soluble all-inorganic core- <i>shell</i> silicon quantum dots. <i>Journal of Materials Chemistry A</i> , 2020, 8, 15789-15794.	10.3	15
32	Wide-range line shape control of Fano-like resonances in all-dielectric multilayer structures based on enhanced light absorption in photochromic waveguide layers. <i>Journal of Applied Physics</i> , 2020, 127, 073103.	2.5	3
33	Selective excitation and enhancement of multipolar resonances in dielectric nanospheres using cylindrical vector beams. <i>Journal of Applied Physics</i> , 2020, 127, .	2.5	22
34	Precise size separation of water-soluble red-to-near-infrared-luminescent silicon quantum dots by gel electrophoresis. <i>Nanoscale</i> , 2020, 12, 9266-9271.	5.6	10
35	Mie Resonator Color Inks of Monodispersed and Perfectly Spherical Crystalline Silicon Nanoparticles. <i>Advanced Optical Materials</i> , 2020, 8, 2000033.	7.3	56
36	Silicon Quantum Dot Supraparticles for Fluorescence Bioimaging. <i>ACS Applied Nano Materials</i> , 2020, 3, 6099-6107.	5.0	21

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37	(Invited) Photoelectrochemical Properties of All-Inorganic Core/Shell Silicon Quantum Dots. ECS Meeting Abstracts, 2020, MA2020-01, 1061-1061.	0.0	0
38	Forward to Backward Scattering Ratio of Dielectricâ€“Metal Heterodimer Suspended in Almost Freeâ€“Space. Advanced Optical Materials, 2019, 7, 1900591.	7.3	25
39	Size-Dependent Photocatalytic Activity of Cubic Boron Phosphide Nanocrystals in the Quantum Confinement Regime. Journal of Physical Chemistry C, 2019, 123, 23226-23235.	3.1	10
40	Evidence for plasmonic hot electron injection induced superior visible light photocatalysis by g-C ₃ N ₄ nanosheets decorated with Agâ€“TiO ₂ (B) and Auâ€“TiO ₂ (B) nanorods. Solar Energy Materials and Solar Cells, 2019, 201, 110053.	6.2	38
41	Antibody-conjugated near-infrared luminescent silicon quantum dots for biosensing. MRS Communications, 2019, 9, 1079-1086.	1.8	11
42	Fano resonant behaviour of waveguide mode in all-dielectric multilayer structure directly monitored by fluorescence of embedded dye molecules. Journal of Optics (United Kingdom), 2019, 21, 105006.	2.2	5
43	Respiratory rate on exercise measured by nanoparticle-based humidity sensor. , 2019, 2019, 3567-3570.		12
44	Absolute Scattering Cross Sections of Titanium Nitride Nanoparticles Determined by Single-Particle Spectroscopy: Implications for Plasmonic Nanoantennas. ACS Applied Nano Materials, 2019, 2, 6769-6773.	5.0	5
45	Distribution of boron and phosphorus and roles of co-doping in colloidal silicon nanocrystals. Acta Materialia, 2019, 178, 186-193.	7.9	12
46	Elongated Metal Nanocap with Two Magnetic Dipole Resonances and Its Application for Upconversion Enhancement. Journal of Physical Chemistry C, 2019, 123, 25809-25815.	3.1	4
47	Light-controllable Fano resonance in azo-dye-doped all-dielectric multilayer structure. Journal of Applied Physics, 2019, 125, 223101.	2.5	8
48	Silver nanoparticles stabilized with a silicon nanocrystal shell and their antimicrobial activity. RSC Advances, 2019, 9, 15171-15176.	3.6	4
49	Shrinkage and expansion of discharge areas in plasma discharge devices having complex oxide protective layers. Journal of Physics and Chemistry of Solids, 2019, 130, 172-179.	4.0	1
50	Digital image analysis for measuring nanogap distance produced by adhesion lithography. Nanotechnology, 2019, 30, 285303.	2.6	1
51	Electrically Stimulated Synaptic Resistive Switch in Solution-Processed Silicon Nanocrystal Thin Film: Formation Mechanism of Oxygen Vacancy Filament for Synaptic Function. ACS Applied Electronic Materials, 2019, 1, 2664-2670.	4.3	11
52	Gold nanopillar array with sharp surface plasmon resonances and the application in immunoassay. Journal of Applied Physics, 2019, 126, 223104.	2.5	4
53	Charge Transfer-Induced Photobrightening of Silicon Quantum Dots in Water Containing a Molecular Reductant. Journal of Physical Chemistry C, 2019, 123, 1512-1518.	3.1	3
54	Mechanisms for the degradation of phosphor excitation efficiency by short wavelength vacuum ultraviolet radiation in plasma discharge devices. Journal of Physics and Chemistry of Solids, 2019, 124, 274-280.	4.0	6

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55	Silica Nanoparticle-Based Portable Respiration Sensor for Analysis of Respiration Rate, Pattern, and Phase During Exercise. , 2018, 2, 1-4.		40
56	Negligible Electronic Interaction between Photoexcited Electron-Hole Pairs and Free Electrons in Phosphorus-Boron Co-Doped Silicon Nanocrystals. Journal of Physical Chemistry C, 2018, 122, 6397-6404.	3.1	14
57	Plasmonic enhancement of second-harmonic generation of dielectric layer embedded in metal-dielectric-metal structure. Journal of Applied Physics, 2018, 123, .	2.5	4
58	Silicon Quantum Dots and Their Impact on Different Human Cells. Physica Status Solidi (B): Basic Research, 2018, 255, 1700597.	1.5	15
59	Size-Dependent Photocatalytic Activity of Colloidal Silicon Quantum Dot. Journal of Physical Chemistry C, 2018, 122, 1874-1880.	3.1	22
60	Silicon quantum dots with heavily boron and phosphorus codoped shell. Chemical Communications, 2018, 54, 4375-4389.	4.1	23
61	Assembling silicon quantum dots into wires, networks and rods via metal ion bridges. Nanoscale, 2018, 10, 7597-7604.	5.6	4
62	Visualizing a core-shell structure of heavily doped silicon quantum dots by electron microscopy using an atomically thin support film. Nanoscale, 2018, 10, 7357-7362.	5.6	25
63	Broadband Dielectric-Metal Hybrid Nanoantenna: Silicon Nanoparticle on a Mirror. ACS Photonics, 2018, 5, 1986-1993.	6.6	67
64	Donor-Acceptor Pair Recombination in Size-Purified Silicon Quantum Dots. Nano Letters, 2018, 18, 7282-7288.	9.1	25
65	Critical Size for Carrier Delocalization in Doped Silicon Nanocrystals: A Study by Ultrafast Spectroscopy. ACS Photonics, 2018, 5, 4037-4045.	6.6	8
66	Fano resonances in near-field absorption in all-dielectric multilayer structures. Journal of Optics (United Kingdom), 2018, 20, 125003.	2.2	9
67	Silicon, Germanium, Diamond and Carbon Nanostructures and Their Nanocomposites with Other Materials. Physica Status Solidi (B): Basic Research, 2018, 255, 1870135.	1.5	0
68	Growth of Core-Shell Silicon Quantum Dots in Borophosphosilicate Glass Matrix: Raman and Transmission Electron Microscopic Studies. Journal of Physical Chemistry C, 2018, 122, 21069-21075.	3.1	5
69	One-Step Discrete Symmetric Arrangement of Magnetic Microspheres with Nanoscale Spacing Immobilized by Ultraviolet Irradiation toward Plasmonic Resonators. ACS Applied Nano Materials, 2018, 1, 6055-6062.	5.0	0
70	Forming-free resistive switching in solution-processed silicon nanocrystal thin film. Journal of Applied Physics, 2018, 124, 085113.	2.5	5
71	Solution Processing of Hydrogen-Terminated Silicon Nanocrystal for Flexible Electronic Device. ACS Applied Materials & Interfaces, 2018, 10, 20672-20678.	8.0	13
72	Toward Practical Carrier Multiplication: Donor/Acceptor Codoped Si Nanocrystals in SiO ₂ . ACS Photonics, 2018, 5, 2843-2849.	6.6	10

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73	Long-lived luminescence of colloidal silicon quantum dots for time-gated fluorescence imaging in the second near infrared window in biological tissue. <i>Nanoscale</i> , 2018, 10, 13902-13907.	5.6	21
74	Hybridized Plasmonic Gap Mode of Gold Nanorod on Mirror Nanoantenna for Spectrally Tailored Fluorescence Enhancement. <i>ACS Photonics</i> , 2018, 5, 3421-3427.	6.6	46
75	Metal-Core/Dielectric-Shell/Metal-Cap Composite Nanoparticle for Upconversion Enhancement. <i>Journal of Physical Chemistry C</i> , 2018, 122, 17465-17472.	3.1	8
76	All-Painting Process To Produce Respiration Sensor Using Humidity-Sensitive Nanoparticle Film and Graphite Trace. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 12217-12223.	6.7	57
77	Optical Birefringence of Porous Silicon. , 2018, , 353-361.		1
78	(Invited) All-Inorganic Water-Dispersible Silicon Quantum Dots. <i>ECS Meeting Abstracts</i> , 2018, , .	0.0	0
79	Conversion efficiency of an energy harvester based on resonant tunneling through quantum dots with heat leakage. <i>Nanotechnology</i> , 2017, 28, 095403.	2.6	6
80	Photoluminescence Enhancement of Silicon Quantum Dot Monolayer by Double Resonance Plasmonic Substrate. <i>Journal of Physical Chemistry C</i> , 2017, 121, 11609-11615.	3.1	24
81	Charge-Transfer-Induced Photoluminescence Enhancement in Colloidal Silicon Quantum Dots. <i>Journal of Physical Chemistry C</i> , 2017, 121, 11962-11967.	3.1	11
82	Silicon Quantum Dots in Dielectric Scattering Media: Broadband Enhancement of Effective Absorption Cross Section by Light Trapping. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 19135-19142.	8.0	11
83	Fast-Response and Flexible Nanocrystal-Based Humidity Sensor for Monitoring Human Respiration and Water Evaporation on Skin. <i>ACS Sensors</i> , 2017, 2, 828-833.	7.8	224
84	Technology and characterization of MIS structures with co-doped silicon nanocrystals (Si-NCs) embedded in hafnium oxide (HfO _x) ultra-thin layers. <i>Microelectronic Engineering</i> , 2017, 178, 298-303.	2.4	9
85	Controlling Surface Plasmon Resonance of Metal Nanocap for Upconversion Enhancement. <i>Journal of Physical Chemistry C</i> , 2017, 121, 8077-8083.	3.1	16
86	On-Chip: Direct Microrolling Processing on a Silicon Wafer (<i>Small</i> 36/2017). <i>Small</i> , 2017, 13, .	10.0	0
87	Colloidal Dispersion of Subquarter Micrometer Silicon Spheres for Low-Loss Antenna in Visible Regime. <i>Advanced Optical Materials</i> , 2017, 5, 1700332.	7.3	46
88	Direct Microrolling Processing on a Silicon Wafer. <i>Small</i> , 2017, 13, 1701630.	10.0	2
89	Photoluminescence enhancement of silicon quantum dot monolayer by plasmonic substrate fabricated by nano-imprint lithography. <i>Journal of Applied Physics</i> , 2017, 122, .	2.5	11
90	Size-dependent donor and acceptor states in codoped Si nanocrystals studied by scanning tunneling spectroscopy. <i>Nanoscale</i> , 2017, 9, 17884-17892.	5.6	27

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91	Line shape engineering of sharp Fano resonance in Al-based metal-dielectric multilayer structure. Journal of Applied Physics, 2017, 122, .	2.5	17
92	New insights into the red luminescent bovine serum albumin conjugated gold nanospecies. Journal of Alloys and Compounds, 2017, 691, 860-865.	5.5	7
93	Battery-powered wearable respiration sensor chip with nanocrystal thin film. , 2017, , .		3
94	Near-infrared luminescent colloidal silicon nanocrystals. Series in Materials Science and Engineering, 2017, , 399-412.	0.1	0
95	Luminescent Zeolites. , 2016, , .		0
96	All-inorganic colloidal silicon nanocrystalsâ€™ surface modification by boron and phosphorus co-doping. Nanotechnology, 2016, 27, 262001.	2.6	65
97	DNA assembly of silicon quantum dots/gold nanoparticle nanocomposites. RSC Advances, 2016, 6, 63933-63939.	3.6	17
98	Fluorescence Enhancement and Spectral Shaping of Silicon Quantum Dot Monolayer by Plasmonic Gap Resonances. Journal of Physical Chemistry C, 2016, 120, 28795-28801.	3.1	20
99	Probing Purcell enhancement in plasmonic nanoantennas by broadband luminescent Si quantum dots. Applied Physics Letters, 2016, 108, 241103.	3.3	6
100	Phenomenological theory of optical broadening in zero-dimensional systems applied to silicon nanocrystals. Applied Physics Letters, 2016, 108, 153107.	3.3	2
101	Integration of colloidal silicon nanocrystals on metal electrodes in single-electron transistor. Applied Physics Letters, 2016, 109, .	3.3	6
102	Atom probe tomography of phosphorus- and boron-doped silicon nanocrystals with various compositions of silicon rich oxide. MRS Communications, 2016, 6, 283-288.	1.8	13
103	Combined analysis of energy band diagram and equivalent circuit on nanocrystal solid. Journal of Applied Physics, 2016, 119, 215304.	2.5	12
104	Single-dot spectroscopy of boron and phosphorus codoped silicon quantum dots. Journal of Applied Physics, 2016, 120, .	2.5	11
105	Silicon nanocrystal-noble metal hybrid nanoparticles. Nanoscale, 2016, 8, 10956-10962.	5.6	33
106	Controlling Energy Transfer in Silicon Quantum Dot Assemblies Made from All-Inorganic Colloidal Silicon Quantum Dots. Journal of Physical Chemistry C, 2016, 120, 24469-24475.	3.1	21
107	Atom Probe Tomography Analysis of Boron and/or Phosphorus Distribution in Doped Silicon Nanocrystals. Journal of Physical Chemistry C, 2016, 120, 17845-17852.	3.1	62
108	Doping efficiency and confinement of donors in embedded and free standing Si nanocrystals. Physical Review B, 2016, 93, .	3.2	15

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109	Group-IV semiconductors at the nanoscale. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2016, 213, 2861-2861.	1.8	0
110	Optical generation of electron-hole pairs in phosphor and boron co-doped Si nanocrystals in SiO ₂ . <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2016, 213, 2863-2866.	1.8	6
111	Water-dispersible near-infrared luminescent silicon nanocrystals -immobilization on substrate. <i>MRS Communications</i> , 2016, 6, 429-436.	1.8	4
112	The impact of doped silicon quantum dots on human osteoblasts. <i>RSC Advances</i> , 2016, 6, 63403-63413.	3.6	31
113	Size-Dependence of Acceptor and Donor Levels of Boron and Phosphorus Codoped Colloidal Silicon Nanocrystals. <i>Nano Letters</i> , 2016, 16, 2615-2620.	9.1	69
114	Surface Structure and Current Transport Property of Boron and Phosphorus Co-Doped Silicon Nanocrystals. <i>Journal of Physical Chemistry C</i> , 2016, 120, 195-200.	3.1	23
115	Effect of Ag/Au bilayer assisted etching on the strongly enhanced photoluminescence and visible light photocatalysis by Si nanowire arrays. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 7715-7727.	2.8	32
116	Mechanism of defect induced ferromagnetism in undoped and Cr doped TiO ₂ nanorods/nanoribbons. <i>Journal of Alloys and Compounds</i> , 2016, 661, 331-344.	5.5	32
117	(Invited) Silicon-Based Nano-Composites Made from All-Inorganic Colloidal Silicon Nanocrystals. <i>ECS Meeting Abstracts</i> , 2016, , .	0.0	0
118	Chapter 7 All-Inorganic Colloidal Silicon Nanocrystals. , 2016, , 191-220.		0
119	Size and dopant-concentration dependence of photoluminescence properties of ion-implanted phosphorus- and boron-codoped Si nanocrystals. <i>Physical Review B</i> , 2015, 91, .	3.2	17
120	Size confinement of Si nanocrystals in multilayer structures. <i>Scientific Reports</i> , 2015, 5, 17289.	3.3	24
121	Enhanced photoluminescence of Si nanocrystals-doped cellulose nanofibers by plasmonic light scattering. <i>Applied Physics Letters</i> , 2015, 107, .	3.3	18
122	Second-order nonlinear optical behavior of amorphous SiO _x thin films grown by sputtering. <i>Journal Physics D: Applied Physics</i> , 2015, 48, 395101.	2.8	2
123	Size-controlled growth of cubic boron phosphide nanocrystals. <i>RSC Advances</i> , 2015, 5, 8427-8431.	3.6	18
124	Room temperature direct imprinting of porous glass prepared from phase-separated glass. <i>Nanotechnology</i> , 2015, 26, 255304.	2.6	4
125	Growth of novel boron-rich nanocrystals from oxygen-deficient borophosphosilicate glasses for boron neutron capture therapy. <i>RSC Advances</i> , 2015, 5, 98248-98253.	3.6	6
126	Upconversion Luminescence of Rare-Earth-Doped Y ₂ O ₃ Nanoparticle with Metal Nano-Cap. <i>Journal of Physical Chemistry C</i> , 2015, 119, 1175-1179.	3.1	47

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127	Plasmon-Enhanced Emission Rate of Silicon Nanocrystals in Gold Nanorod Composites. ACS Photonics, 2015, 2, 1298-1305.	6.6	26
128	Energy Transfer in Silicon Nanocrystal Solids Made from All-Inorganic Colloidal Silicon Nanocrystals. Journal of Physical Chemistry Letters, 2015, 6, 2761-2766.	4.6	27
129	Photoluminescence signature of resonant energy transfer in ZnO coated Si nanocrystals decorated on vertical Si nanowires array. Journal of Alloys and Compounds, 2015, 638, 419-428.	5.5	23
130	Surface Plasmon-Enhanced Luminescence of Silicon Quantum Dots in Gold Nanoparticle Composites. Journal of Physical Chemistry C, 2015, 119, 25108-25113.	3.1	21
131	Resonant Energy Transfer in Si Nanocrystal Solids. Journal of Physical Chemistry C, 2015, 119, 19565-19570.	3.1	27
132	Visible emission from Ag ⁺ /exchanged SOD zeolites. Nanoscale, 2015, 7, 15665-15671.	5.6	25
133	Broadband enhancement of local density of states using silicon-compatible hyperbolic metamaterials. Applied Physics Letters, 2015, 106, 241105.	3.3	20
134	Second harmonic generation from CMOS compatible suboxide amorphous thin films grown by sputtering. , 2015, , .		0
135	Microscopic origin of lattice contraction and expansion in undoped rutile TiO ₂ nanostructures. Journal Physics D: Applied Physics, 2014, 47, 215302.	2.8	110
136	Reply to Comment on "Europium doping induced symmetry deviation and its impact on the second harmonic generation of doped ZnO nanowires". Nanotechnology, 2014, 25, 458002.	2.6	1
137	Synthesis of Er ³⁺ /Yb ³⁺ codoped NaMnF ₃ nanocubes with single-band red upconversion luminescence. RSC Advances, 2014, 4, 61891-61897.	3.6	17
138	Reversible emission evolution from Ag activated zeolite Na-A upon dehydration/hydration. Applied Physics Letters, 2014, 105, .	3.3	23
139	Silicon nanocrystals with high boron and phosphorus concentration hydrophilic shell "Raman scattering and X-ray photoelectron spectroscopic studies. Journal of Applied Physics, 2014, 115, 084301.	2.5	47
140	Near infrared emission from molecule-like silver clusters confined in zeolite A assisted by thermal activation. Journal of Applied Physics, 2014, 116, .	2.5	12
141	Ag and Dy doped zeolite as a broadband phosphor. Optical Materials, 2014, 38, 75-79.	3.6	7
142	Enhanced near infrared emission from the partially vitrified Nd ³⁺ and silver co-doped zeolite Y. Journal of Applied Physics, 2014, 115, 033507.	2.5	15
143	Polarization-sensitive second harmonic generation microscopy of $\hat{1}\pm$ -quartz like GeO ₂ ($\hat{1}\pm$ -GeO ₂) polycrystal. Journal Physics D: Applied Physics, 2014, 47, 455305.	2.8	4
144	An investigation into second harmonic generation by Si-rich Si _x thin films deposited by RF sputtering over a wide range of Si concentrations. Journal Physics D: Applied Physics, 2014, 47, 215101.	2.8	33

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145	Eu-doping induced improvement on the second harmonic generation of ZnO Nanowires. Materials Research Society Symposia Proceedings, 2014, 1659, 95-100.	0.1	1
146	Strong white photoluminescence from annealed zeolites. Journal of Luminescence, 2014, 145, 288-291.	3.1	14
147	Photosensitization of europium ions by silver clusters in zeolite. Optical Materials, 2014, 36, 916-920.	3.6	10
148	All-inorganic water-dispersible silicon quantum dots: highly efficient near-infrared luminescence in a wide pH range. Nanoscale, 2014, 6, 122-126.	5.6	73
149	Enhanced red photoluminescence of samarium in zeolite A by interaction with silver ions. Japanese Journal of Applied Physics, 2014, 53, 022102.	1.5	3
150	Optical Birefringence of Porous Silicon. , 2014, , 1-8.		0
151	Origin of visible and near-infrared photoluminescence from chemically etched Si nanowires decorated with arbitrarily shaped Si nanocrystals. Nanotechnology, 2014, 25, 045703.	2.6	54
152	Synthesis of boron and phosphorus codoped all-inorganic colloidal silicon nanocrystals from hydrogen silsesquioxane. Nanoscale, 2014, 6, 12354-12359.	5.6	32
153	Fabrication of a core-shell particle with a quarter-wave thick shell and its optical properties. RSC Advances, 2014, 4, 32293-32297.	3.6	6
154	The single-band red upconversion luminescence from morphology and size controllable Er ³⁺ /Yb ³⁺ -doped MnF ₂ nanostructures. Journal of Materials Chemistry C, 2014, 2, 1736.	5.5	51
155	Graphene-Assisted Controlled Growth of Highly Aligned ZnO Nanorods and Nanoribbons: Growth Mechanism and Photoluminescence Properties. ACS Applied Materials & Interfaces, 2014, 6, 377-387.	8.0	68
156	Europium doping induced symmetry deviation and its impact on the second harmonic generation of doped ZnO nanowires. Nanotechnology, 2014, 25, 225202.	2.6	37
157	Oxygen vacancy-mediated enhanced ferromagnetism in undoped and Fe-doped TiO ₂ nanoribbons. Journal Physics D: Applied Physics, 2014, 47, 235304.	2.8	115
158	Colloidal hydrophilic silicon germanium alloy nanocrystals with a high boron and phosphorus concentration shell. Journal of Materials Chemistry C, 2014, 2, 5644-5650.	5.5	7
159	Strain dependence of the nonlinear optical properties of strained Si nanoparticles. Optics Letters, 2014, 39, 3833.	3.3	9
160	Optical Birefringence of Porous Silicon. , 2014, , 245-253.		1
161	Phosphorus and Boron Codoped Colloidal Silicon Nanocrystals with Inorganic Atomic Ligands. Journal of Physical Chemistry C, 2013, 117, 6807-6813.	3.1	70
162	Near infrared photoluminescence from bismuth-doped nanoporous silica thin films. Journal of Applied Physics, 2013, 114, 033524.	2.5	6

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181	Ultra-broad near-infrared photoluminescence from crystalline (K-crypt)2Bi2 containing [Bi2]2 ⁺ dimers. Journal of Materials Chemistry, 2012, 22, 20175.	6.7	32
182	Broadband near-infrared emission from bismuth-doped multilayer films. Journal of Applied Physics, 2012, 112, 073511.	2.5	8
183	Plasmonic effects on strong exciton-photon coupling in metal-insulator-metal microcavities. Physical Review B, 2012, 86, .	3.2	44
184	Near-infrared photoluminescence from molecular crystals containing tellurium. Journal of Materials Chemistry, 2012, 22, 24792.	6.7	10
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