Dongxiang Li

List of Publications by Year in descending order

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65 papers	2,715 citations	236925 25 h-index	182427 51 g-index
66 all docs	66 docs citations	66 times ranked	4142 citing authors

#	Article	IF	Citations
1	Smart core/shell nanocomposites: Intelligent polymers modified gold nanoparticles. Advances in Colloid and Interface Science, 2009, 149, 28-38.	14.7	245
2	Fabrication of pH-Responsive Nanocomposites of Gold Nanoparticles/Poly(4-vinylpyridine). Chemistry of Materials, 2007, 19, 412-417.	6.7	232
3	Poly(N-isopropylacrylamide)-Based Thermoresponsive Composite Hydrogels for Biomedical Applications. Polymers, 2020, 12, 580.	4.5	207
4	Facile synthesis of concentrated gold nanoparticles with low size-distribution in water: temperature and pH controls. Nanoscale Research Letters, 2011, 6, 440.	5.7	173
5	Thermosensitive Nanostructures Comprising Gold Nanoparticles Grafted with Block Copolymers. Advanced Functional Materials, 2007, 17, 3134-3140.	14.9	171
6	Immobilization of glucose oxidase onto gold nanoparticles with enhanced thermostability. Biochemical and Biophysical Research Communications, 2007, 355, 488-493.	2.1	149
7	Two-Stage pH Response of Poly(4-vinylpyridine) Grafted Gold Nanoparticles. Macromolecules, 2008, 41, 7254-7256.	4.8	144
8	Preparation of polymer-coated mesoporous silica nanoparticles used for cellular imaging by a â€œgraft-fromâ€•method. Journal of Materials Chemistry, 2008, 18, 5731.	6.7	132
9	Thermosensitive Copolymer Networks Modify Gold Nanoparticles for Nanocomposite Entrapment. Chemistry - A European Journal, 2007, 13, 2224-2229.	3.3	121
10	A Photoinduced Reversible Phase Transition in a Dipeptide Supramolecular Assembly. Angewandte Chemie - International Edition, 2018, 57, 1903-1907.	13.8	86
11	Surfactant-Free Microemulsion Composed of Oleic Acid, n-Propanol, and H₂O. Journal of Physical Chemistry B, 2013, 117, 450-456.	2.6	82
12	Superhydrophilicity and strong salt-affinity: Zwitterionic polymer grafted surfaces with significant potentials particularly in biological systems. Advances in Colloid and Interface Science, 2020, 278, 102141.	14.7	72
13	A hierarchical Coâ€“Fe LDH rope-like nanostructure: facile preparation from hexagonal lyotropic liquid crystals and intrinsic oxidase-like catalytic activity. Journal of Materials Chemistry B, 2013, 1, 1263.	5.8	65
14	Hierarchical gold/copolymer nanostructures as hydrophobic nanotanks for drug encapsulation. Journal of Materials Chemistry, 2010, 20, 7782.	6.7	53
15	Proton Gradients Produced by Glucose Oxidase Microcapsules Containing Motor F₀F₁-ATPase for Continuous ATP Biosynthesis. Journal of Physical Chemistry B, 2009, 113, 395-399.	2.6	51
16	The reduction of Eu3+ to Eu2+ in a new orangeâ€“red emission Sr3P4O13: Eu phosphor prepared in air and its photoluminescence properties. Ceramics International, 2014, 40, 8827-8831.	4.8	45
17	Self-assembled vesicles of amphiphilic poly(dimethylsiloxane)-b-poly(ethylene glycol) copolymers as nanotanks for hydrophobic drugs. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2010, 372, 1-8.	4.7	39
18	Poly(ethylene glycol) haired layered double hydroxides as biocompatible nanovehicles: Morphology and dispersity study. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2011, 384, 585-591.	4.7	39

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19	3D hierarchical porous nitrogen-doped carbon/Ni@NiO nanocomposites self-templated by cross-linked polyacrylamide gel for high performance supercapacitor electrode. Journal of Colloid and Interface Science, 2020, 570, 286-299.	9.4	36
20	Grafting poly(4-vinylpyridine) onto gold nanorods toward functional plasmonic coreâ€“shell nanostructures. Journal of Materials Chemistry, 2011, 21, 16453.	6.7	35
21	Bimetallic Multifunctional Core@Shell Plasmonic Nanoparticles for Localized Surface Plasmon Resonance Based Sensing and Electrocatalysis. Analytical Chemistry, 2012, 84, 6494-6500.	6.5	35
22	Plasmonicâ€Couplingâ€Based Sensing by the Assembly and Disassembly of Dipycolylamineâ€Tagged Gold Nanoparticles Induced by Complexing with Cations and Anions. Small, 2012, 8, 1442-1448.	10.0	34
23	Self-Assembly of Short Elastin-like Amphiphilic Peptides: Effects of Temperature, Molecular Hydrophobicity and Charge Distribution. Molecules, 2019, 24, 202.	3.8	33
24	Synthesis of Mg2Al-Cl layered double hydroxide nanosheets in a surfactant-free reverse microemulsion. Colloid and Polymer Science, 2013, 291, 2515-2521.	2.1	32
25	Synthesis and characterization of 10-hydroxycamptothecin â€“ sebacate â€“ layered double hydroxide nanocomposites. Solid State Sciences, 2013, 16, 71-75.	3.2	28
26	Ionic liquid microemulsions of 1-butyl-3-methylimidazolium hexafluorophosphate, N,N-dimethylformamide, and water. RSC Advances, 2013, 3, 21494.	3.6	27
27	Tartrate as a substitute of citrate to prepare gold colloids from chloroauric acid. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 535, 251-256.	4.7	25
28	Synthesis of thiol-terminated thermoresponsive polymers and their enhancement effect on optical limiting property of gold nanoparticles. European Polymer Journal, 2019, 113, 404-410.	5.4	25
29	Blue-emitting carbon quantum dots: Ultrafast microwave synthesis, purification and strong fluorescence in organic solvents. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 623, 126673.	4.7	22
30	Construction of photonic crystals with thermally adjustable pseudo-gaps. Soft Matter, 2020, 16, 3063-3068.	2.7	20
31	Responsive polymer/gold nanoparticle composite thin films fabricated by solvent-induced self-assembly and spin-coating. Journal of Colloid and Interface Science, 2011, 354, 585-591.	9.4	19
32	From Znâ€“Al layered double hydroxide to ZnO nanostructure: Gradually etching by sodium hydroxide. Chinese Chemical Letters, 2012, 23, 1415-1418.	9.0	17
33	Silver nanoparticles/polydimethylsiloxane hybrid materials and their optical limiting property. Journal of Luminescence, 2017, 190, 1-5.	3.1	16
34	Shuttle-like core-shell gold nanorod@Ag-Au nanostructures: Shape control and electrocatalytic activity for formaldehyde oxidation. Applied Surface Science, 2020, 528, 146935.	6.1	16
35	Synthesis of platinum-terminated dendritic carbosilane. Polymer International, 2005, 54, 1041-1046.	3.1	15
36	Platinum nanoparticles from hydrosilylation reaction: Carbosilane dendrimer as capping agent. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2010, 366, 45-49.	4.7	14

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37	Thermosensitive polymer stabilized core-shell AuNR@Ag nanostructures as â€œsmartâ€•recyclable catalyst. Journal of Nanoparticle Research, 2017, 19, 1.	1.9	14
38	Enhanced Dispersity of Gold Nanoparticles Modified by <I>ï‰</I>-Carboxyl Alkanethiols Under the Impact of Poly(ethylene glycol)s. Journal of Nanoscience and Nanotechnology, 2007, 7, 3089-3094.	0.9	13
39	Optical limiting of flexible gold nanorods/organosilicon hybrid materials. Journal of Luminescence, 2016, 169, 191-195.	3.1	13
40	Interfacial Dispersion of Poly(<I>N</I>-isopropylacrylamide)/Gold Nanocomposites. Journal of Nanoscience and Nanotechnology, 2011, 11, 2052-2056.	0.9	11
41	Gold nanorodsâ€“silicone hybrid material films and their optical limiting property. Applied Physics A: Materials Science and Processing, 2015, 121, 11-15.	2.3	10
42	Assembled Core-Shell Nanostructures of Gold Nanoparticles with Biocompatible Polymers Toward Biology. Current Topics in Medicinal Chemistry, 2014, 14, 595-616.	2.1	10
43	Graphene Oxide Nanosheet-Composited Poly(N-isopropylacrylamide) Hydrogel for Cell Sheet Recovery. Macromolecular Research, 2019, 27, 679-685.	2.4	9
44	The effects of thermoresponsive microgel density on cell adhesion, proliferation, and detachment. Journal of Applied Polymer Science, 2020, 137, 48773.	2.6	9
45	Self-assembly of PEGylated gold nanorods and its optical limiting property. Materials Letters, 2015, 140, 184-186.	2.6	8
46	Thermostable gold nanoparticle-doped silicone elastomer for optical materials. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 518, 151-157.	4.7	7
47	Optical limiting property of gold nanorods/ormosil gel glass composites. Optics Communications, 2019, 437, 363-366.	2.1	7
48	Preparation and photoluminescence properties of a new orangeâ€“red Ba3P4O13:Eu3+ phosphor. Optik, 2014, 125, 2970-2973.	2.9	6
49	Optical limiting property of gold nanorods/silicone hybrid materials to tunable laser. Journal of Luminescence, 2016, 177, 88-92.	3.1	5
50	Electrocatalytic Glucose Oxidation at Coral-Like Pd/C3N4-C Nanocomposites in Alkaline Media. Catalysts, 2020, 10, 440.	3.5	5
51	Mesoporous La-based nanorods synthesized from a novel IL-SFME for phosphate removal in aquatic systems. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 624, 126689.	4.7	5
52	One-pot synthesis of silver@silica coreâ€“shell nanospheres and their application in optical limiting materials. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	2.3	4
53	Digestive Ripening at Nanoscale and Its Application in the Preparation of Monodisperse Nanomaterials. Acta Chimica Sinica, 2019, 77, 305.	1.4	4
54	Silver nanoprisms/silicone hybrid rubber materials and their optical limiting property to femtosecond laser. Applied Physics A: Materials Science and Processing, 2017, 123, 1.	2.3	3

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55	Synthesis of optothermal responsive polymers by thiol-ene click reaction and their aggregation behavior. Journal of Polymer Research, 2020, 27, 1.	2.4	3
56	Optical-gain enhancement of carbosilane dendrimer containing fluorescein groups in the periphery. Journal of Luminescence, 2010, 130, 544-548.	3.1	2
57	Dendritic amphiphiles of carbosilane dendrimers with peripheral PEG for drug encapsulation. Journal of Polymer Research, 2013, 20, 1.	2.4	2
58	Preparation and fluorescence properties of 6-carboxyfluorescein/hydrotalcite nanocomposites. Journal of Luminescence, 2014, 147, 273-277.	3.1	2
59	Efficient synthesis of functional long-chain alkyl disulfides under liquid-liquid phase-transfer catalysis: The analysis of chemical equilibrium and phase-transfer mechanism. Catalysis Communications, 2017, 89, 9-13.	3.3	2
60	Incorporation of Partially Hydrolyzed Polyacrylamide With Zwitterionic Units and Poly(Ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54 Materials, 2021, 8, .	2.4	2
61	Morphology Study of Carbosilane Dendrimer-Platinum Complex. Polymer Bulletin, 2007, 58, 963-968.	3.3	1
62	Synthesis and aggregation behavior of amphiphilic nanostructures composed of carbosilane dendrimer with peripheral poly(ethylene glycol) moieties. Polymer International, 2014, 63, 1875-1880.	3.1	1
63	The preparation and characterization of lactone form of 10-hydroxycamptothecin-layered double hydroxide nanohybrids. Applied Clay Science, 2015, 104, 128-134.	5.2	1
64	Photoresponsive photonic crystals constructed from azobenzene-grafted silica microspheres. Optical and Quantum Electronics, 2021, 53, 1.	3.3	1
65	Preparation of silver nanoparticles with different sizes and their optical-limiting property. Journal of Nanophotonics, 2020, 14, .	1.0	0