

# Dongxiang Li

## List of Publications by Year in descending order

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Version: 2024-02-01

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  | Blue-emitting carbon quantum dots: Ultrafast microwave synthesis, purification and strong fluorescence in organic solvents. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 623, 126673.                  | 4.7  | 22        |
| 2  | Mesoporous La-based nanorods synthesized from a novel IL-SFME for phosphate removal in aquatic systems. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 624, 126689.                                      | 4.7  | 5         |
| 3  | Photoresponsive photonic crystals constructed from azobenzene-grafted silica microspheres. <i>Optical and Quantum Electronics</i> , 2021, 53, 1.  | 3.3  | 1         |
| 4  | Incorporation of Partially Hydrolyzed Polyacrylamide With Zwitterionic Units and Poly(Ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Materials, 2021, 8, .   | 2.4  | 2         |
| 5  | The effects of thermoresponsive microgel density on cell adhesion, proliferation, and detachment. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48773.   | 2.6  | 9         |
| 6  | Electrocatalytic Glucose Oxidation at Coral-Like Pd/C3N4-C Nanocomposites in Alkaline Media. <i>Catalysts</i> , 2020, 10, 440.  | 3.5  | 5         |
| 7  | Shuttle-like core-shell gold nanorod@Ag-Au nanostructures: Shape control and electrocatalytic activity for formaldehyde oxidation. <i>Applied Surface Science</i> , 2020, 528, 146935.  | 6.1  | 16        |
| 8  | Poly(N-isopropylacrylamide)-Based Thermoresponsive Composite Hydrogels for Biomedical Applications. <i>Polymers</i> , 2020, 12, 580.  | 4.5  | 207       |
| 9  | 3D hierarchical porous nitrogen-doped carbon/Ni@NiO nanocomposites self-templated by cross-linked polyacrylamide gel for high performance supercapacitor electrode. <i>Journal of Colloid and Interface Science</i> , 2020, 570, 286-299. | 9.4  | 36        |
| 10 | Construction of photonic crystals with thermally adjustable pseudo-gaps. <i>Soft Matter</i> , 2020, 16, 3063-3068.  | 2.7  | 20        |
| 11 | Superhydrophilicity and strong salt-affinity: Zwitterionic polymer grafted surfaces with significant potentials particularly in biological systems. <i>Advances in Colloid and Interface Science</i> , 2020, 278, 102141.                 | 14.7 | 72        |
| 12 | Synthesis of optothermal responsive polymers by thiol-ene click reaction and their aggregation behavior. <i>Journal of Polymer Research</i> , 2020, 27, 1.  | 2.4  | 3         |
| 13 | Preparation of silver nanoparticles with different sizes and their optical-limiting property. <i>Journal of Nanophotonics</i> , 2020, 14, .   | 1.0  | 0         |
| 14 | Self-Assembly of Short Elastin-like Amphiphilic Peptides: Effects of Temperature, Molecular Hydrophobicity and Charge Distribution. <i>Molecules</i> , 2019, 24, 202.   | 3.8  | 33        |
| 15 | Graphene Oxide Nanosheet-Composited Poly(N-isopropylacrylamide) Hydrogel for Cell Sheet Recovery. <i>Macromolecular Research</i> , 2019, 27, 679-685.   | 2.4  | 9         |
| 16 | Synthesis of thiol-terminated thermoresponsive polymers and their enhancement effect on optical limiting property of gold nanoparticles. <i>European Polymer Journal</i> , 2019, 113, 404-410.  | 5.4  | 25        |
| 17 | Optical limiting property of gold nanorods/ormosil gel glass composites. <i>Optics Communications</i> , 2019, 437, 363-366.   | 2.1  | 7         |
| 18 | Digestive Ripening at Nanoscale and Its Application in the Preparation of Monodisperse Nanomaterials. <i>Acta Chimica Sinica</i> , 2019, 77, 305.   | 1.4  | 4         |

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|----|---|------|-----------|
| 19 | One-pot synthesis of silver@silica core-shell nanospheres and their application in optical limiting materials. <i>Applied Physics A: Materials Science and Processing</i> , 2018, 124, 1.   | 2.3  | 4         |
| 20 | A Photoinduced Reversible Phase Transition in a Dipeptide Supramolecular Assembly. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 1903-1907.  | 13.8 | 86        |
| 21 | Thermostable gold nanoparticle-doped silicone elastomer for optical materials. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 518, 151-157.  | 4.7  | 7         |
| 22 | Silver nanoparticles/polydimethylsiloxane hybrid materials and their optical limiting property. <i>Journal of Luminescence</i> , 2017, 190, 1-5.  | 3.1  | 16        |
| 23 | Tartrate as a substitute of citrate to prepare gold colloids from chloroauric acid. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 535, 251-256.   | 4.7  | 25        |
| 24 | Silver nanoprisms/silicone hybrid rubber materials and their optical limiting property to femtosecond laser. <i>Applied Physics A: Materials Science and Processing</i> , 2017, 123, 1.   | 2.3  | 3         |
| 25 | Thermosensitive polymer stabilized core-shell AuNR@Ag nanostructures as smart-recyclable catalyst. <i>Journal of Nanoparticle Research</i> , 2017, 19, 1.   | 1.9  | 14        |
| 26 | Efficient synthesis of functional long-chain alkyl disulfides under liquid-liquid phase-transfer catalysis: The analysis of chemical equilibrium and phase-transfer mechanism. <i>Catalysis Communications</i> , 2017, 89, 9-13.                          | 3.3  | 2         |
| 27 | Optical limiting property of gold nanorods/silicone hybrid materials to tunable laser. <i>Journal of Luminescence</i> , 2016, 177, 88-92.   | 3.1  | 5         |
| 28 | Optical limiting of flexible gold nanorods/organosilicon hybrid materials. <i>Journal of Luminescence</i> , 2016, 169, 191-195.   | 3.1  | 13        |
| 29 | The preparation and characterization of lactone form of 10-hydroxycamptothecin-layered double hydroxide nanohybrids. <i>Applied Clay Science</i> , 2015, 104, 128-134.  | 5.2  | 1         |
| 30 | Gold nanorods-silicone hybrid material films and their optical limiting property. <i>Applied Physics A: Materials Science and Processing</i> , 2015, 121, 11-15.  | 2.3  | 10        |
| 31 | Self-assembly of PEGylated gold nanorods and its optical limiting property. <i>Materials Letters</i> , 2015, 140, 184-186.  | 2.6  | 8         |
| 32 | The reduction of Eu <sup>3+</sup> to Eu <sup>2+</sup> in a new orange-red emission Sr <sub>3</sub> P <sub>4</sub> O <sub>13</sub> :Eu phosphor prepared in air and its photoluminescence properties. <i>Ceramics International</i> , 2014, 40, 8827-8831. | 4.8  | 45        |
| 33 | Preparation and photoluminescence properties of a new orange-red Ba <sub>3</sub> P <sub>4</sub> O <sub>13</sub> :Eu <sup>3+</sup> phosphor. <i>Optik</i> , 2014, 125, 2970-2973.  | 2.9  | 6         |
| 34 | Synthesis and aggregation behavior of amphiphilic nanostructures composed of carbosilane dendrimer with peripheral poly(ethylene glycol) moieties. <i>Polymer International</i> , 2014, 63, 1875-1880.  | 3.1  | 1         |
| 35 | Preparation and fluorescence properties of 6-carboxyfluorescein/hydroxycalcite nanocomposites. <i>Journal of Luminescence</i> , 2014, 147, 273-277.   | 3.1  | 2         |
| 36 | Assembled Core-Shell Nanostructures of Gold Nanoparticles with Biocompatible Polymers Toward Biology. <i>Current Topics in Medicinal Chemistry</i> , 2014, 14, 595-616.   | 2.1  | 10        |

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|----|--|------|-----------|
| 37 | Dendritic amphiphiles of carbosilane dendrimers with peripheral PEG for drug encapsulation. <i>Journal of Polymer Research</i> , 2013, 20, 1.  | 2.4  | 2         |
| 38 | Ionic liquid microemulsions of 1-butyl-3-methylimidazolium hexafluorophosphate, N,N-dimethylformamide, and water. <i>RSC Advances</i> , 2013, 3, 21494.  | 3.6  | 27        |
| 39 | A hierarchical Co-Fe LDH rope-like nanostructure: facile preparation from hexagonal lyotropic liquid crystals and intrinsic oxidase-like catalytic activity. <i>Journal of Materials Chemistry B</i> , 2013, 1, 1263.          | 5.8  | 65        |
| 40 | Synthesis and characterization of 10-hydroxycamptothecin sebacate layered double hydroxide nanocomposites. <i>Solid State Sciences</i> , 2013, 16, 71-75.  | 3.2  | 28        |
| 41 | Surfactant-Free Microemulsion Composed of Oleic Acid, n-Propanol, and H <sub>2</sub> O. <i>Journal of Physical Chemistry B</i> , 2013, 117, 450-456.   | 2.6  | 82        |
| 42 | Synthesis of Mg <sub>2</sub> Al-Cl layered double hydroxide nanosheets in a surfactant-free reverse microemulsion. <i>Colloid and Polymer Science</i> , 2013, 291, 2515-2521.  | 2.1  | 32        |
| 43 | From Zn-Al layered double hydroxide to ZnO nanostructure: Gradually etching by sodium hydroxide. <i>Chinese Chemical Letters</i> , 2012, 23, 1415-1418.  | 9.0  | 17        |
| 44 | Bimetallic Multifunctional Core@Shell Plasmonic Nanoparticles for Localized Surface Plasmon Resonance Based Sensing and Electrocatalysis. <i>Analytical Chemistry</i> , 2012, 84, 6494-6500.                                   | 6.5  | 35        |
| 45 | Plasmonic-Coupling-Based Sensing by the Assembly and Disassembly of Dipicolylamine-Tagged Gold Nanoparticles Induced by Complexing with Cations and Anions. <i>Small</i> , 2012, 8, 1442-1448.                                 | 10.0 | 34        |
| 46 | Grafting poly(4-vinylpyridine) onto gold nanorods toward functional plasmonic core-shell nanostructures. <i>Journal of Materials Chemistry</i> , 2011, 21, 16453.  | 6.7  | 35        |
| 47 | Interfacial Dispersion of Poly(N-isopropylacrylamide)/Gold Nanocomposites. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 2052-2056.   | 0.9  | 11        |
| 48 | Facile synthesis of concentrated gold nanoparticles with low size-distribution in water: temperature and pH controls. <i>Nanoscale Research Letters</i> , 2011, 6, 440.  | 5.7  | 173       |
| 49 | Poly(ethylene glycol) haired layered double hydroxides as biocompatible nanovehicles: Morphology and dispersity study. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011, 384, 585-591.           | 4.7  | 39        |
| 50 | Responsive polymer/gold nanoparticle composite thin films fabricated by solvent-induced self-assembly and spin-coating. <i>Journal of Colloid and Interface Science</i> , 2011, 354, 585-591.                                  | 9.4  | 19        |
| 51 | Optical-gain enhancement of carbosilane dendrimer containing fluorescein groups in the periphery. <i>Journal of Luminescence</i> , 2010, 130, 544-548.   | 3.1  | 2         |
| 52 | Platinum nanoparticles from hydrosilylation reaction: Carbosilane dendrimer as capping agent. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010, 366, 45-49.                                      | 4.7  | 14        |
| 53 | Self-assembled vesicles of amphiphilic poly(dimethylsiloxane)-b-poly(ethylene glycol) copolymers as nanotanks for hydrophobic drugs. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010, 372, 1-8. | 4.7  | 39        |
| 54 | Hierarchical gold/copolymer nanostructures as hydrophobic nanotanks for drug encapsulation. <i>Journal of Materials Chemistry</i> , 2010, 20, 7782.  | 6.7  | 53        |

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|----|---|------|-----------|
| 55 | Smart core/shell nanocomposites: Intelligent polymers modified gold nanoparticles. <i>Advances in Colloid and Interface Science</i> , 2009, 149, 28-38.   | 14.7 | 245       |
| 56 | Proton Gradients Produced by Glucose Oxidase Microcapsules Containing Motor F <sub>0</sub> F <sub>1</sub> -ATPase for Continuous ATP Biosynthesis. <i>Journal of Physical Chemistry B</i> , 2009, 113, 395-399. | 2.6  | 51        |
| 57 | Two-Stage pH Response of Poly(4-vinylpyridine) Grafted Gold Nanoparticles. <i>Macromolecules</i> , 2008, 41, 7254-7256.   | 4.8  | 144       |
| 58 | Preparation of polymer-coated mesoporous silica nanoparticles used for cellular imaging by a graft-from method. <i>Journal of Materials Chemistry</i> , 2008, 18, 5731.   | 6.7  | 132       |
| 59 | Enhanced Dispersity of Gold Nanoparticles Modified by $\alpha$ -Carboxyl Alkanethiols Under the Impact of Poly(ethylene glycol)s. <i>Journal of Nanoscience and Nanotechnology</i> , 2007, 7, 3089-3094.        | 0.9  | 13        |
| 60 | Immobilization of glucose oxidase onto gold nanoparticles with enhanced thermostability. <i>Biochemical and Biophysical Research Communications</i> , 2007, 355, 488-493.                                       | 2.1  | 149       |
| 61 | Fabrication of pH-Responsive Nanocomposites of Gold Nanoparticles/Poly(4-vinylpyridine). <i>Chemistry of Materials</i> , 2007, 19, 412-417.   | 6.7  | 232       |
| 62 | Thermosensitive Copolymer Networks Modify Gold Nanoparticles for Nanocomposite Entrapment. <i>Chemistry - A European Journal</i> , 2007, 13, 2224-2229.   | 3.3  | 121       |
| 63 | Thermosensitive Nanostructures Comprising Gold Nanoparticles Grafted with Block Copolymers. <i>Advanced Functional Materials</i> , 2007, 17, 3134-3140.   | 14.9 | 171       |
| 64 | Morphology Study of Carbosilane Dendrimer-Platinum Complex. <i>Polymer Bulletin</i> , 2007, 58, 963-968.  | 3.3  | 1         |
| 65 | Synthesis of platinum-terminated dendritic carbosilane. <i>Polymer International</i> , 2005, 54, 1041-1046.   | 3.1  | 15        |