

Li Li

List of Publications by Year
in descending order

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Version: 2024-02-01

98
papers

7,029
citations

71097
41
h-index

58576
82
g-index

98
all docs

98
docs citations

98
times ranked

10404
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Engineering lattice defects in 2D nanomaterials for enhancing biomedical performances. <i>Particuology</i> , 2022, 64, 121-133. | 3.6 | 7 |
| 2 | Dynamic nano-assemblies based on two-dimensional inorganic nanoparticles: Construction and preclinical demonstration. <i>Advanced Drug Delivery Reviews</i> , 2022, 180, 114031. | 13.7 | 14 |
| 3 | Nanoclay-based sensor composites for the facile detection of molecular antioxidants. <i>Analyst</i> , The, 2022, 147, 1367-1374. | 3.5 | 6 |
| 4 | Tailoring functional nanoparticles for oral vaccine delivery: Recent advances and future perspectives. <i>Composites Part B: Engineering</i> , 2022, 236, 109826. | 12.0 | 22 |
| 5 | MnO ₂ -shelled Doxorubicin/Curcumin nanoformulation for enhanced colorectal cancer chemo-immunotherapy. <i>Journal of Colloid and Interface Science</i> , 2022, 617, 315-325. | 9.4 | 12 |
| 6 | Development of CaP nanocomposites as photothermal actuators for doxorubicin delivery to enhance breast cancer treatment. <i>Journal of Materials Science and Technology</i> , 2021, 63, 73-80. | 10.7 | 11 |
| 7 | Creating Structural Defects of Drug-Free Copper-Containing Layered Double Hydroxide Nanoparticles to Synergize Photothermal/Photodynamic/Chemodynamic Cancer Therapy. <i>Small Structures</i> , 2021, 2, 2000112. | 12.0 | 54 |
| 8 | Synergistic Cancer Photochemotherapy via Layered Double Hydroxide-Based Trimodal Nanomedicine at Very Low Therapeutic Doses. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 7115-7126. | 8.0 | 61 |
| 9 | Calcium-bisphosphonate Nanoparticle Platform as a Prolonged Nanodrug and Bone-Targeted Delivery System for Bone Diseases and Cancers. <i>ACS Applied Bio Materials</i> , 2021, 4, 2490-2501. | 4.6 | 7 |
| 10 | Synergistic Inhibition of Drug-Resistant Colon Cancer Growth with PI3K/mTOR Dual Inhibitor BEZ235 and Nano-Emulsified Paclitaxel via Reducing Multidrug Resistance and Promoting Apoptosis. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 2173-2186. | 6.7 | 24 |
| 11 | Chitosan Nanomedicine in Cancer Therapy: Targeted Delivery and Cellular Uptake. <i>Macromolecular Bioscience</i> , 2021, 21, e2100005. | 4.1 | 24 |
| 12 | Nanoparticles as potential external markers for markâ€‘releaseâ€‘recapture studies on <i>Tribolium castaneum</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2021, 169, 575-581. | 1.4 | 4 |
| 13 | Albumin-stabilized layered double hydroxide nanoparticles synergized combination chemotherapy for colorectal cancer treatment. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021, 34, 102369. | 3.3 | 21 |
| 14 | Immunostimulatory photochemotherapeutic nanocapsule for enhanced colon cancer treatment. <i>Nanophotonics</i> , 2021, 10, 3321-3337. | 6.0 | 6 |
| 15 | Enhanced Mucosal Transport of Polysaccharideâ€‘Calcium Phosphate Nanocomposites for Oral Vaccination. <i>ACS Applied Bio Materials</i> , 2021, 4, 7865-7878. | 4.6 | 9 |
| 16 | Biomimetic 2D layered double hydroxide nanocomposites for hyperthermia-facilitated homologous targeting cancer photo-chemotherapy. <i>Journal of Nanobiotechnology</i> , 2021, 19, 351. | 9.1 | 12 |
| 17 | Efficient antimicrobial properties of layered double hydroxide assembled with transition metals via a facile preparation method. <i>Chinese Chemical Letters</i> , 2020, 31, 1511-1515. | 9.0 | 28 |
| 18 | 2D Layered Double Hydroxide Nanoparticles: Recent Progress toward Preclinical/Clinical Nanomedicine. <i>Small Methods</i> , 2020, 4, 1900343. | 8.6 | 100 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Boosting the performance of hybrid supercapacitors through redox electrolyte-mediated capacity balancing. Nano Energy, 2020, 68, 104226. | 16.0 | 48 |
| 20 | Recent advances in heparinization of polymeric membranes for enhanced continuous blood purification. Journal of Materials Chemistry B, 2020, 8, 878-894. | 5.8 | 18 |
| 21 | Nanoclay-induced bacterial flocculation for infection confinement. Journal of Colloid and Interface Science, 2020, 562, 71-80. | 9.4 | 3 |
| 22 | Enhanced Oral Vaccine Efficacy of Polysaccharide-Coated Calcium Phosphate Nanoparticles. ACS Omega, 2020, 5, 18185-18197. | 3.5 | 35 |
| 23 | Human Platelet Lysate Supports Mouse Skeletal Myoblast Growth but Suppresses Cell Fusion on Nanogrooves. ACS Applied Bio Materials, 2020, 3, 3594-3604. | 4.6 | 1 |
| 24 | Transition metal based battery-type electrodes in hybrid supercapacitors: A review. Energy Storage Materials, 2020, 28, 122-145. | 18.0 | 413 |
| 25 | Charge Reversion Simultaneously Enhances Tumor Accumulation and Cell Uptake of Layered Double Hydroxide Nanohybrids for Effective Imaging and Therapy. Small, 2020, 16, e2002115. | 10.0 | 49 |
| 26 | Tat-Based Therapies as an Adjuvant for an HIV-1 Functional Cure. Viruses, 2020, 12, 415. | 3.3 | 18 |
| 27 | Alginate-chitosan coated layered double hydroxide nanocomposites for enhanced oral vaccine delivery. Journal of Colloid and Interface Science, 2019, 556, 258-265. | 9.4 | 82 |
| 28 | Integrating Fluorinated Polymer and Manganeseâ€Layered Double Hydroxide Nanoparticles as pHâ€activated ¹⁹ F MRI Agents for Specific and Sensitive Detection of Breast Cancer. Small, 2019, 15, e1902309. | 10.0 | 49 |
| 29 | Indoor CO ₂ Control through Mesoporous Amine-Functionalized Silica Monoliths. Industrial & Engineering Chemistry Research, 2019, 58, 19465-19474. | 3.7 | 20 |
| 30 | Investigating the Use of Layered Double Hydroxide Nanoparticles as Carriers of Metal Oxides for Theranostics of ROS-Related Diseases. ACS Applied Bio Materials, 2019, 2, 5930-5940. | 4.6 | 38 |
| 31 | Enhancing PD-1 Gene Silence in T Lymphocytes by Comparing the Delivery Performance of Two Inorganic Nanoparticle Platforms. Nanomaterials, 2019, 9, 159. | 4.1 | 31 |
| 32 | Expanded graphite/NiAl layered double hydroxide nanowires for ultra-sensitive, ultra-low detection limits and selective NO _x gas detection at room temperature. RSC Advances, 2019, 9, 8768-8777. | 3.6 | 19 |
| 33 | Modifying layered double hydroxide nanoparticles for tumor imaging and therapy. Clays and Clay Minerals, 2019, 67, 72-80. | 1.3 | 12 |
| 34 | Self-Nanoemulsifying Drug-Delivery System and Solidified Self-Nanoemulsifying Drug-Delivery System. , 2019, , 421-449. | | 15 |
| 35 | Responsive Upconversion Nanoprobe for Backgroundâ€Free Hypochlorous Acid Detection and Bioimaging. Small, 2019, 15, e1803712. | 10.0 | 59 |
| 36 | Paclitaxel increases the sensitivity of lung cancer cells to lobaplatin via PI3K/Akt pathway. Oncology Letters, 2018, 15, 6211-6216. | 1.8 | 7 |

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|----|--|------|-----------|
| 37 | Formulation, characterisation and antibacterial activity of lemon myrtle and anise myrtle essential oil in water nanoemulsion. Food Chemistry, 2018, 254, 1-7. | 8.2 | 83 |
| 38 | Recent progress in upconversion luminescence nanomaterials for biomedical applications. Journal of Materials Chemistry B, 2018, 6, 192-209. | 5.8 | 192 |
| 39 | Structural Directed Growth of Ultrathin Parallel Birnessite on Fe_2MnO_4 for High-Performance Asymmetric Supercapacitors. ACS Nano, 2018, 12, 1033-1042. | 14.6 | 436 |
| 40 | Mannose-conjugated layered double hydroxide nanocomposite for targeted siRNA delivery to enhance cancer therapy. Nanomedicine: Nanotechnology, Biology, and Medicine, 2018, 14, 2355-2364. | 3.3 | 52 |
| 41 | The Pathways for Layered Double Hydroxide Nanoparticles to Enhance Antigen (Cross)-Presentation on Immune Cells as Adjuvants for Protein Vaccines. Frontiers in Pharmacology, 2018, 9, 1060. | 3.5 | 24 |
| 42 | Brain Targeting Delivery Facilitated by Ligand-Functionalized Layered Double Hydroxide Nanoparticles. ACS Applied Materials & Interfaces, 2018, 10, 20326-20333. | 8.0 | 45 |
| 43 | Manipulating extracellular tumour pH: an effective target for cancer therapy. RSC Advances, 2018, 8, 22182-22192. | 3.6 | 219 |
| 44 | X-ray fluorescence imaging of metals and metalloids in biological systems. American Journal of Nuclear Medicine and Molecular Imaging, 2018, 8, 169-188. | 1.0 | 13 |
| 45 | Controlling mesoporous silica-coating of layered double hydroxide nanoparticles for drug control release. Microporous and Mesoporous Materials, 2017, 238, 97-104. | 4.4 | 18 |
| 46 | Cleaner hydrothermal hydrogenolysis of glycerol to 1,2-propanediol over Cu/oxide catalysts without addition of external hydrogen. Molecular Catalysis, 2017, 432, 274-284. | 2.0 | 37 |
| 47 | Roles of texture and acidity of acid-activated sepiolite catalysts in gas-phase catalytic dehydration of glycerol to acrolein. Molecular Catalysis, 2017, 434, 219-231. | 2.0 | 36 |
| 48 | Photocatalytic Cr(VI) reduction by mixed metal oxide derived from ZnAl layered double hydroxide. Applied Clay Science, 2017, 143, 168-174. | 5.2 | 51 |
| 49 | Remarkable supercapacitor performance of petal-like LDHs vertically grown on graphene/polypyrrole nanoflakes. Journal of Materials Chemistry A, 2017, 5, 8964-8971. | 10.3 | 53 |
| 50 | Nanoformulations of albendazole as effective anticancer and antiparasite agents. Nanomedicine, 2017, 12, 2555-2574. | 3.3 | 19 |
| 51 | Electrostatic Self-Assembly of Sandwich-Like CoAl-LDH/Polypyrrole/Graphene Nanocomposites with Enhanced Capacitive Performance. ACS Applied Materials & Interfaces, 2017, 9, 31699-31709. | 8.0 | 103 |
| 52 | Experimental and Computational Investigation of the Optical, Electronic, and Electrochemical Properties of Hydrogenated Fe_2O_3 . Journal of Physical Chemistry C, 2017, 121, 16059-16065. | 3.1 | 11 |
| 53 | ZnO-Layered Double Hydroxide@Graphitic Carbon Nitride Composite for Consecutive Adsorption and Photodegradation of Dyes under UV and Visible Lights. Materials, 2016, 9, 927. | 2.9 | 46 |
| 54 | Synergistic inhibition of colon cancer cell growth with nanoemulsion-loaded paclitaxel and PI3K/mTOR dual inhibitor BEZ235 through apoptosis. International Journal of Nanomedicine, 2016, 11, 1947. | 6.7 | 28 |

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|----|--|------|-----------|
| 55 | Fe-assisted Ru clusters supported on porous and graphitic carbon for ammonia decomposition to CO _x free hydrogen. RSC Advances, 2016, 6, 102336-102342. | 3.6 | 8 |
| 56 | Sandwich-like graphene/polypyrrole/layered double hydroxide nanowires for high-performance supercapacitors. Journal of Power Sources, 2016, 331, 67-75. | 7.8 | 62 |
| 57 | Direct synthesis of layered double hydroxide nanosheets for efficient siRNA delivery. RSC Advances, 2016, 6, 95518-95526. | 3.6 | 21 |
| 58 | Physiologically Based Pharmacokinetic Model for Long-Circulating Inorganic Nanoparticles. Nano Letters, 2016, 16, 939-945. | 9.1 | 42 |
| 59 | Efficient drug delivery using SiO ₂ -layered double hydroxide nanocomposites. Journal of Colloid and Interface Science, 2016, 470, 47-55. | 9.4 | 66 |
| 60 | Aggregation of layered double hydroxide nanoparticles in the presence of heparin: towards highly stable delivery systems. RSC Advances, 2016, 6, 16159-16167. | 3.6 | 34 |
| 61 | Uptake and degradation of Orange II by zinc aluminum layered double oxides. Journal of Colloid and Interface Science, 2016, 469, 224-230. | 9.4 | 31 |
| 62 | Chlorine-Induced In Situ Regulation to Synthesize Graphene Frameworks with Large Specific Area for Excellent Supercapacitor Performance. ACS Applied Materials & Interfaces, 2016, 8, 6481-6487. | 8.0 | 29 |
| 63 | Amine-functionalized SiO ₂ nanodot-coated layered double hydroxide nanocomposites for enhanced gene delivery. Nano Research, 2015, 8, 682-694. | 10.4 | 79 |
| 64 | Preparation of optimized lipid-coated calcium phosphate nanoparticles for enhanced in vitro gene delivery to breast cancer cells. Journal of Materials Chemistry B, 2015, 3, 6805-6812. | 5.8 | 77 |
| 65 | Pre-coating layered double hydroxide nanoparticles with albumin to improve colloidal stability and cellular uptake. Journal of Materials Chemistry B, 2015, 3, 3331-3339. | 5.8 | 109 |
| 66 | Efficient synthesis of monolayer carbon nitride 2D nanosheet with tunable concentration and enhanced visible-light photocatalytic activities. Applied Catalysis B: Environmental, 2015, 163, 135-142. | 20.2 | 487 |
| 67 | Effective inhibition of colon cancer cell growth with MgAl-layered double hydroxide (LDH) loaded 5-FU and PI3K/mTOR dual inhibitor BEZ-235 through apoptotic pathways. International Journal of Nanomedicine, 2014, 9, 3403. | 6.7 | 26 |
| 68 | Influence of Hydrothermal Treatment on Physicochemical Properties and Drug Release of Anti-Inflammatory Drugs of Intercalated Layered Double Hydroxide Nanoparticles. Pharmaceutics, 2014, 6, 235-248. | 4.5 | 29 |
| 69 | Potential foliar fertilizers with copper and zinc dual micronutrients in nanocrystal suspension. Journal of Nanoparticle Research, 2014, 16, 1. | 1.9 | 5 |
| 70 | Co-delivery of siRNAs and anti-cancer drugs using layered double hydroxide nanoparticles. Biomaterials, 2014, 35, 3331-3339. | 11.4 | 263 |
| 71 | Efficient Selective Catalytic Reduction of NO by Novel Carbon-doped Metal Catalysts Made from Electroplating Sludge. Environmental Science & Technology, 2014, 48, 11497-11503. | 10.0 | 53 |
| 72 | Quick and efficient co-treatment of Zn ²⁺ /Ni ²⁺ and CN ⁻ via the formation of Ni(CN) ₄ ²⁻ intercalated larger ZnAl-LDH crystals. Journal of Hazardous Materials, 2014, 279, 141-147. | 12.4 | 11 |

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|----|---|------|-----------|
| 73 | Selective catalytic oxidation of H ₂ S over iron oxide supported on alumina-intercalated Laponite clay catalysts. Journal of Hazardous Materials, 2013, 260, 104-111. | 12.4 | 84 |
| 74 | Cancer cell-specific photoactivity of pheophorbide aâ€“glycol chitosan nanoparticles for photodynamic therapy in tumor-bearing mice. Biomaterials, 2013, 34, 6454-6463. | 11.4 | 114 |
| 75 | High capacitance electrode materials based on layered double hydroxides prepared by non-aqueous precipitation. Applied Clay Science, 2013, 74, 102-108. | 5.2 | 19 |
| 76 | Catalytic ammonia decomposition for CO-free hydrogen generation over Ru/Cr ₂ O ₃ catalysts. Applied Catalysis A: General, 2013, 467, 246-252. | 4.3 | 41 |
| 77 | Stabilization of NaZn(BH ₄) ₃ via nanoconfinement in SBA-15 towards enhanced hydrogen release. Journal of Materials Chemistry A, 2013, 1, 250-257. | 10.3 | 34 |
| 78 | Transformation of alunite residuals into layered double hydroxides and oxides for adsorption of acid red G dye. Applied Clay Science, 2012, 70, 1-7. | 5.2 | 50 |
| 79 | Functional Nanoporous Graphene Foams with Controlled Pore Sizes. Advanced Materials, 2012, 24, 4419-4423. | 21.0 | 350 |
| 80 | First Principle Study of Hydrogenation of MgB ₂ : An Important Step Toward Reversible Hydrogen Storage in the Coupled LiBH ₄ /MgH ₂ System. Journal of Nanoscience and Nanotechnology, 2009, 9, 4388-4391. | 0.9 | 9 |
| 81 | Lithiumâ€Catalyzed Dehydrogenation of Ammonia Borane within Mesoporous Carbon Framework for Chemical Hydrogen Storage. Advanced Functional Materials, 2009, 19, 265-271. | 14.9 | 156 |
| 82 | CNTs/mesostructured silica core-shell nanowires via interfacial surfactant templating. Science Bulletin, 2009, 54, 516-520. | 9.0 | 4 |
| 83 | Chromium oxide catalysts for CO _x -free hydrogen generation via catalytic ammonia decomposition. Journal of Molecular Catalysis A, 2009, 304, 71-76. | 4.8 | 34 |
| 84 | Effects of pre-treatment in air microwave plasma on the structure of CNTs and the activity of Ru/CNTs catalysts for ammonia decomposition. Catalysis Today, 2009, 148, 97-102. | 4.4 | 35 |
| 85 | Phosphate removal from wastewater using red mud. Journal of Hazardous Materials, 2008, 158, 35-42. | 12.4 | 380 |
| 86 | Catalytic decomposition of ammonia over fly ash supported Ru catalysts. Fuel Processing Technology, 2008, 89, 1106-1112. | 7.2 | 27 |
| 87 | Synthesis and characterization of chromium oxide nanocrystals via solid thermal decomposition at low temperature. Microporous and Mesoporous Materials, 2008, 112, 621-626. | 4.4 | 30 |
| 88 | Computational study of methyl derivatives of ammonia borane for hydrogen storage. Physical Chemistry Chemical Physics, 2008, 10, 6104. | 2.8 | 12 |
| 89 | The role of V ₂ O ₅ on the dehydrogenation and hydrogenation in magnesium hydride: An <i>ab initio</i> study. Applied Physics Letters, 2008, 92, . | 3.3 | 27 |
| 90 | Catalytic Ammonia Decomposition over Industrial-Waste-Supported Ru Catalysts. Environmental Science & Technology, 2007, 41, 3758-3762. | 10.0 | 58 |

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|----|--|------|-----------|
| 91 | Catalytic ammonia decomposition over CMK-3 supported Ru catalysts: Effects of surface treatments of supports. Carbon, 2007, 45, 11-20. | 10.3 | 66 |
| 92 | Catalytic ammonia decomposition over Ru/carbon catalysts: The importance of the structure of carbon support. Applied Catalysis A: General, 2007, 320, 166-172. | 4.3 | 182 |
| 93 | Localization of Iron in Arabidopsis Seed Requires the Vacuolar Membrane Transporter VIT1. Science, 2006, 314, 1295-1298. | 12.6 | 614 |
| 94 | Synthesis and Structure Characterization of Chromium Oxide Prepared by Solid Thermal Decomposition Reaction. Journal of Physical Chemistry B, 2006, 110, 178-183. | 2.6 | 92 |
| 95 | Coal ash conversion into effective adsorbents for removal of heavy metals and dyes from wastewater. Journal of Hazardous Materials, 2006, 133, 243-251. | 12.4 | 191 |
| 96 | Synthesis and characterization of turbostratic carbons prepared by catalytic chemical vapour decomposition of acetylene. Applied Catalysis A: General, 2006, 309, 201-209. | 4.3 | 14 |
| 97 | Synthesis and characterization of intercalated mesostructured PANI/V2O5. Studies in Surface Science and Catalysis, 2005, 156, 523-528. | 1.5 | 4 |
| 98 | Investigation on modification of Ru/CNTs catalyst for the generation of COx-free hydrogen from ammonia. Applied Catalysis B: Environmental, 2004, 52, 287-299. | 20.2 | 165 |