

Jing Luo

List of Publications by Year in Descending Order

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Version: 2024-04-26

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

100
papers

2,894
citations

31
h-index

51
g-index

106
ext. papers

3,426
ext. citations

5.4
avg, IF

5.52
L-index

#	Paper	IF	Citations
100	Synthesis of robust polyaniline microcapsules via UV-initiated emulsion polymerization for self-healing and anti-corrosion coating. <i>Progress in Organic Coatings</i> , 2022 , 162, 106592	4.8	3
99	Ribozyme-mediated CRISPR/Cas9 gene editing in pyrethrum (<i>Tanacetum cinerariifolium</i>) hairy roots using a RNA polymerase II-dependent promoter.. <i>Plant Methods</i> , 2022 , 18, 32	5.8	1
98	Robust Damage-Reporting Strategy Enabled by Dual-Compartment Microcapsules. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 14518-14529	9.5	2
97	Identification of Chlorophyll Metabolism- and Photosynthesis-Related Genes Regulating Green Flower Color in Chrysanthemum by Integrative Transcriptome and Weighted Correlation Network Analyses. <i>Genes</i> , 2021 , 12,	4.2	2
96	CmNAC73 Mediates the Formation of Green Color in Chrysanthemum Flowers by Directly Activating the Expression of Chlorophyll Biosynthesis Genes and. <i>Genes</i> , 2021 , 12,	4.2	2
95	Characteristics of saline lake shale oil reservoir and its influence on shale oil enrichment in the Qianjiang Formation, Qianjiang Depression, Jiangnan Basin, China. <i>Geological Journal</i> , 2021 , 56, 2977-2996	1.7	0
94	Rose (<i>Rosa hybrida</i>) Ethylene Responsive Factor 3 Promotes Rose Flower Senescence via Direct Activation of the Abscisic Acid Synthesis-Related 9-CIS-EPOXYCAROTENOID DIOXYGENASE Gene. <i>Plant and Cell Physiology</i> , 2021 , 62, 1030-1043	4.9	1
93	Tissue specificity of (E)-Farnesene and germacrene D accumulation in pyrethrum flowers. <i>Phytochemistry</i> , 2021 , 187, 112768	4	2
92	Synthesis of Polyaniline@MnO ₂ /Graphene Ternary Hybrid Hollow Spheres via Pickering Emulsion Polymerization for Electrochemical Supercapacitors. <i>ACS Applied Energy Materials</i> , 2021 , 4, 7721-7730	6.1	1
91	Preparation of dual-chamber microcapsule by Pickering emulsion for self-healing application with ultra-high healing efficiency. <i>Journal of Colloid and Interface Science</i> , 2021 , 600, 660-669	9.3	10
90	Design and Synthesis of Self-Healable Superhydrophobic Coatings for Oil/Water Separation. <i>Langmuir</i> , 2020 , 36, 15309-15318	4	15
89	Fluorescent molecularly imprinted nanoparticles with boronate affinity for selective glycoprotein detection. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 6469-6480	7.3	13
88	Expression of DAZL Gene in Selected Tissues and Association of Its Polymorphisms with Testicular Size in Hu Sheep. <i>Animals</i> , 2020 , 10,	3.1	5
87	Unique Metal Cation Recognition via Crown Ether-Derivatized Oligo(phenyleneethynylene) Molecular Junction. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 8496-8503	3.8	11
86	Synthesis of Temperature/pH Dual-Stimuli-Response Multicompartmental Microcapsules via Pickering Emulsion for Preprogrammable Payload Release. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 4821-4832	9.5	36
85	Gold nanoparticles for smart and recoverable catalyst using thermo-responsive core-crosslinked star polymer as the nanoreactor. <i>Applied Surface Science</i> , 2020 , 507, 144950	6.7	7
84	Synthesis of inhibitor-loaded polyaniline microcapsules with dual anti-corrosion functions for protection of carbon steel. <i>Electrochimica Acta</i> , 2020 , 364, 137299	6.7	23

83	Screen-Printed Carbon Electrodes Modified with Polymeric Nanoparticle-Carbon Nanotube Composites for Enzymatic Biosensing. <i>ACS Applied Nano Materials</i> , 2020 , 3, 9158-9166	5.6	8
82	A Versatile Naphthalimide-Sulfonamide-Coated Tetraphenylethene: Aggregation-Induced Emission Behavior, Mechanochromism, and Tracking Glutathione in Living Cells. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 890-895	4.5	35
81	Preparation of silver nanoparticles with hyperbranched polymers as a stabilizer for inkjet printing of flexible circuits. <i>New Journal of Chemistry</i> , 2019 , 43, 2797-2803	3.6	12
80	Reactive particles from in situ silane-polycondensation-induced self-assembly of poly(styrene-alt-maleic anhydride) as toughener for epoxy resins. <i>Journal of Applied Polymer Science</i> , 2019 , 136, 47565	2.9	3
79	A comparative study of lignocellulosic nanofibrils isolated from celery using oxalic acid hydrolysis followed by sonication and mechanical fibrillation. <i>Cellulose</i> , 2019 , 26, 5237-5246	5.5	15
78	Electrochemical protein recognition based on macromolecular self-assembly of molecularly imprinted polymer: a new strategy to mimic antibody for label-free biosensing. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 2311-2319	7.3	25
77	Humic acid assisted chemical synthesis of silver nanoparticles for inkjet printing of flexible circuits. <i>Journal of Materials Science: Materials in Electronics</i> , 2019 , 30, 20400-20409	2.1	1
76	A Temperature-Responsive Boronate Core Cross-Linked Star (CCS) Polymer for Fast and Highly Efficient Enrichment of Glycoproteins. <i>Small</i> , 2019 , 15, e1900099	11	13
75	Controlled synthesis of thermoresponsive polymers derived from l-Lysine, a biorenewable resource. <i>Journal of Polymer Science Part A</i> , 2019 , 57, 862-868	2.5	3
74	Long Conducting and Water-Compatible Polymer/Carbon Nanotubes Nanocomposite with Beads-on-a-String Structure as a Highly Effective Electrochemical Sensing Material. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 3556-3566	8.3	13
73	Noncovalent functionalization of carbon nanotubes via co-deposition of tannic acid and polyethyleneimine for reinforcement and conductivity improvement in epoxy composite. <i>Composites Science and Technology</i> , 2019 , 170, 25-33	8.6	27
72	Hollow graphene-polyaniline hybrid spheres using sulfonated graphene as Pickering stabilizer for high performance supercapacitors. <i>Electrochimica Acta</i> , 2018 , 272, 221-232	6.7	31
71	Green Synthesis of Silver Nanoparticles by Tannic Acid with Improved Catalytic Performance Towards the Reduction of Methylene Blue. <i>Nano</i> , 2018 , 13, 1850003	1.1	10
70	One-pot synthesis of tetramethyl biphenyl backboned hyperbranched epoxy resin as an efficient toughening modifier for two epoxy curing systems. <i>Polymer Bulletin</i> , 2018 , 75, 4571-4586	2.4	5
69	Electrochemical Sensor Coating Based on Electrophoretic Deposition of Au-Doped Self-Assembled Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 5926-5932	9.5	10
68	Molecularly imprinted polymeric nanoparticles decorated with Au NPs for highly sensitive and selective glucose detection. <i>Biosensors and Bioelectronics</i> , 2018 , 100, 497-503	11.8	43
67	Preparation of molecularly imprinted polymer/Au nano hybrids as an effective biosensing material. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018 , 555, 95-102	5.1	10
66	Water-dispersible molecularly imprinted nano hybrids via co-assembly of carbon nanotubes with amphiphilic copolymer and photocrosslinking for highly sensitive and selective paracetamol detection. <i>Biosensors and Bioelectronics</i> , 2018 , 117, 713-719	11.8	23

65	Necklace-like Molecularly Imprinted Nanohybrids Based on Polymeric Nanoparticles Decorated Multiwalled Carbon Nanotubes for Highly Sensitive and Selective Melamine Detection. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 24850-24859	9.5	32
64	Green Synthesis of Water-Compatible Fluorescent Molecularly Imprinted Polymeric Nanoparticles for Efficient Detection of Paracetamol. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 9760-9770	8.3	21
63	Preparation and Properties of Aqueous SCNTs Dispersion based on A UV-curable Polymeric Dispersant. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2018 , 33, 485-491	1	1
62	Complete genome sequence of <i>Achromobacter spanius</i> type strain DSM 23806, a pathogen isolated from human blood. <i>Journal of Global Antimicrobial Resistance</i> , 2018 , 14, 1-3	3.4	2
61	Selective and sensitive glycoprotein detection via a biomimetic electrochemical sensor based on surface molecular imprinting and boronate-modified reduced graphene oxide. <i>Sensors and Actuators B: Chemical</i> , 2018 , 259, 1-9	8.5	39
60	Tannic acid stabilized antioxidation copper nanoparticles in aqueous solution for application in conductive ink. <i>Journal of Materials Science: Materials in Electronics</i> , 2018 , 29, 20603-20606	2.1	3
59	Noncovalent functionalization of carbon nanotubes using branched random copolymer for improvement of thermal conductivity and mechanical properties of epoxy thermosets. <i>Polymer International</i> , 2018 , 67, 1128-1136	3.3	4
58	Synthesis of hydrophilic and conductive molecularly imprinted polyaniline particles for the sensitive and selective protein detection. <i>Biosensors and Bioelectronics</i> , 2017 , 94, 39-46	11.8	52
57	Noncovalent functionalization of carbon nanotube using poly(vinylcarbazole)-based compatibilizer for reinforcement and conductivity improvement in epoxy composite. <i>Journal of Applied Polymer Science</i> , 2017 , 134,	2.9	17
56	Double Recognition and Selective Extraction of Glycoprotein Based on the Molecular Imprinted Graphene Oxide and Boronate Affinity. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 7735-7744	9.5	95
55	Complete genome sequence of <i>Achromobacter insolitus</i> type strain LMG 6003T, a pathogen isolated from leg wound. <i>Pathogens and Disease</i> , 2017 , 75,	4.2	1
54	A random acrylate copolymer with epoxy-amphiphilic structure as an efficient toughener for an epoxy/anhydride system. <i>Journal of Applied Polymer Science</i> , 2017 , 134,	2.9	2
53	Self-assembled polymeric nanoparticles film stabilizing gold nanoparticles as a versatile platform for ultrasensitive detection of carcino-embryonic antigen. <i>Biosensors and Bioelectronics</i> , 2017 , 92, 570-576	11.8	47
52	Efficient Toughening of Epoxy/Anhydride Thermosets with a Biobased Tannic Acid Derivative. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 596-603	8.3	60
51	Six-arm star-shaped polymer with cyclophosphazene core and poly(ϵ -caprolactone) arms as modifier of epoxy thermosets. <i>Journal of Applied Polymer Science</i> , 2017 , 134,	2.9	8
50	Expression of MEP Pathway Genes and Non-volatile Sequestration Are Associated with Circadian Rhythm of Dominant Terpenoids Emission in <i>Lour. Flowers</i> . <i>Frontiers in Plant Science</i> , 2017 , 8, 1869	6.2	9
49	Polyaniline-graphene Hollow Spheres based on Graphene Stabilized Pickering Emulsions. <i>Acta Chimica Sinica</i> , 2017 , 75, 391	3.3	4
48	Preparation of water-compatible molecular imprinted conductive polyaniline nanoparticles using polymeric micelle as nanoreactor for enhanced paracetamol detection. <i>Chemical Engineering Journal</i> , 2016 , 283, 1118-1126	14.7	40

47	Tannic acid stabilized silver nanoparticles for inkjet printing of conductive flexible electronics. <i>RSC Advances</i> , 2016 , 6, 83720-83729	3.7	23
46	Distributed consensus analysis for a class of heterogeneous multi-agent systems composed of first-order and fourth-order integrators 2016 ,		3
45	A glassy carbon electrode modified with an amphiphilic, electroactive and photosensitive polymer and with multi-walled carbon nanotubes for simultaneous determination of dopamine and paracetamol. <i>Mikrochimica Acta</i> , 2016 , 183, 1543-1551	5.8	28
44	Liquid Marbles Stabilized by Fluorine-Bearing Cyclomatrix Polyphosphazene Particles and Their Application as High-Efficiency Miniature Reactors. <i>Langmuir</i> , 2016 , 32, 1707-15	4	14
43	Tannic Acid Induced Self-Assembly of Three-Dimensional Graphene with Good Adsorption and Antibacterial Properties. <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 1404-1413	8.3	168
42	Preparation and Application of Water-in-Oil Emulsions Stabilized by Modified Graphene Oxide. <i>Materials</i> , 2016 , 9,	3.5	13
41	Tannic Acid as a Bio-Based Modifier of Epoxy/Anhydride Thermosets. <i>Polymers</i> , 2016 , 8,	4.5	27
40	Preparation of a Magnetic Molecularly Imprinted Graphene Composite Highly Adsorbent for 4-Nitrophenol in Aqueous Medium. <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 3316-3326	8.3	60
39	Molecularly imprinted nanohybrids based on dopamine-modified poly(L-glutamic acid) for electrochemical sensing of melamine. <i>Biosensors and Bioelectronics</i> , 2016 , 85, 381-386	11.8	20
38	Three-dimensional Ag/Tannic acid/graphene as an antibacterial material. <i>New Journal of Chemistry</i> , 2016 , 40, 6332-6339	3.6	16
37	Synthesis of Water-Dispersible Molecularly Imprinted Electroactive Nanoparticles for the Sensitive and Selective Paracetamol Detection. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 21028-38	9.5	50
36	One-pot facile preparation of Ag nanoparticles for chloride ion sensing. <i>Colloid and Polymer Science</i> , 2016 , 294, 1643-1649	2.4	2
35	A leader-following formation control of multiple mobile robots with obstacle 2015 ,		5
34	Reactive copolymer functionalized graphene sheet for enhanced mechanical and thermal properties of epoxy composites. <i>Journal of Polymer Science Part A</i> , 2015 , 53, 2776-2785	2.5	15
33	Tannic acid functionalized graphene hydrogel for entrapping gold nanoparticles with high catalytic performance toward dye reduction. <i>Journal of Hazardous Materials</i> , 2015 , 300, 615-623	12.8	80
32	Three-dimensional graphene-polyaniline hybrid hollow spheres by layer-by-layer assembly for application in supercapacitor. <i>Electrochimica Acta</i> , 2015 , 173, 184-192	6.7	101
31	Multiwalled carbon nanotubes noncovalently functionalized by electro-active amphiphilic copolymer micelles for selective dopamine detection. <i>RSC Advances</i> , 2015 , 5, 18233-18241	3.7	15
30	Molecularly imprinted photo-sensitive polyglutamic acid nanoparticles for electrochemical sensing of hemoglobin. <i>Mikrochimica Acta</i> , 2015 , 182, 175-183	5.8	39

29	A facile approach for synthesizing molecularly imprinted graphene for ultrasensitive and selective electrochemical detecting 4-nitrophenol. <i>Analytica Chimica Acta</i> , 2015 , 864, 74-84	6.6	52
28	Emission and Accumulation of Monoterpene and the Key Terpene Synthase (TPS) Associated with Monoterpene Biosynthesis in <i>Osmanthus fragrans</i> Lour. <i>Frontiers in Plant Science</i> , 2015 , 6, 1232	6.2	38
27	Micelle-assisted synthesis of PANI nanoparticles and application as particulate emulsifier. <i>Colloid and Polymer Science</i> , 2014 , 292, 653-660	2.4	8
26	One-pot synthesis of a graphene oxide coated with an imprinted sol-gel for use in electrochemical sensing of paracetamol. <i>Mikrochimica Acta</i> , 2014 , 181, 1257-1266	5.8	38
25	In situ green synthesis of Au nanoparticles onto polydopamine-functionalized graphene for catalytic reduction of nitrophenol. <i>RSC Advances</i> , 2014 , 4, 64816-64824	3.7	79
24	Dispersion of carbon nanotubes in water by self-assembled micelles of branched amphiphilic multifunctional copolymers with photosensitivity and electroactivity. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 14481-14492	13	21
23	Electrochemical sensor for bovine hemoglobin based on a novel graphene-molecular imprinted polymers composite as recognition element. <i>Sensors and Actuators B: Chemical</i> , 2014 , 203, 782-789	8.5	71
22	Synthesis of New Biobased Antibacterial Methacrylates Derived from Tannic Acid and Their Application in UV-Cured Coatings. <i>Industrial & Engineering Chemistry Research</i> , 2014 , 53, 10835-10840	2.9	46
21	Preparation of photo-sensitive poly(L-glutamic acid) nanoparticles and application for immobilizing hemoglobin on electrode. <i>Colloid and Polymer Science</i> , 2014 , 292, 2295-2302	2.4	8
20	Layer-by-layer assembled ionic-liquid functionalized graphene-polyaniline nanocomposite with enhanced electrochemical sensing properties. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 4818	7.1	27
19	A facile approach for imprinting protein on the surface of multi-walled carbon nanotubes. <i>Talanta</i> , 2014 , 120, 76-83	6.2	49
18	One-pot green synthesis of nanohybrid structures: gold nanoparticles in poly(L-glutamic acid) copolymer nanoparticles. <i>RSC Advances</i> , 2014 , 4, 25106	3.7	19
17	Micelle-encapsulated multi-wall carbon nanotubes with photosensitive copolymer and its application in the detection of dopamine. <i>Colloid and Polymer Science</i> , 2014 , 292, 153-161	2.4	8
16	Electric-field-induced aggregation of polymeric micelles to construct secondary assembly films. <i>Journal of Applied Polymer Science</i> , 2013 , 127, 2816-2822	2.9	1
15	Paracetamol Sensor Based on Molecular Imprinting by Photosensitive Polymers. <i>Electroanalysis</i> , 2013 , 25, 1907-1916	3	20
14	A novel electrochemical sensor for paracetamol based on molecularly imprinted polymeric micelles. <i>Sensors and Actuators B: Chemical</i> , 2013 , 188, 909-916	8.5	60
13	Layer-by-layer self-assembled hybrid multilayer films based on poly(sodium 4-styrenesulfonate) stabilized graphene with polyaniline and their electrochemical sensing properties. <i>RSC Advances</i> , 2013 , 3, 17866	3.7	32
12	Efficient One-Pot Synthesis of Mussel-Inspired Molecularly Imprinted Polymer Coated Graphene for Protein-Specific Recognition and Fast Separation. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 18448-18455	3.8	100

11	Photosensitive acrylate copolymer for electrodeposition photoresist. <i>Polymer Science - Series A</i> , 2013 , 55, 225-232	1.2	3
10	The Numerical Simulation of Multi-Directional Forging EQ153 Steering Knuckle. <i>Applied Mechanics and Materials</i> , 2013 , 321-324, 230-233	0.3	2
9	Research on Amphiphilic Copolymer MIP Micelles Electrochemical Sensor. <i>Acta Chimica Sinica</i> , 2013 , 71, 934	3.3	6
8	Aqueous Dispersions of Carbon Nanotubes with Self-assembled Micelles of Photosensitive Amphiphilic Random Copolymer Containing Coumarin. <i>Chemistry Letters</i> , 2012 , 41, 50-52	1.7	7
7	A novel non-enzymatic glucose sensor based on Cu nanoparticle modified graphene sheets electrode. <i>Analytica Chimica Acta</i> , 2012 , 709, 47-53	6.6	436
6	Synthesis of stable aqueous dispersion of graphene/polyaniline composite mediated by polystyrene sulfonic acid. <i>Journal of Polymer Science Part A</i> , 2012 , 50, 4888-4894	2.5	52
5	Photoresponsive water-dispersible polyaniline nanoparticles through template synthesis with copolymer micelle containing coumarin groups. <i>Journal of Polymer Science Part A</i> , 2012 , 50, 4037-4045	2.5	19
4	Facile one-step electrochemical fabrication of a non-enzymatic glucose-selective glassy carbon electrode modified with copper nanoparticles and graphene. <i>Mikrochimica Acta</i> , 2012 , 177, 485-490	5.8	68
3	Glucose sensors based on electrodeposition of molecularly imprinted polymeric micelles: a novel strategy for MIP sensors. <i>Biosensors and Bioelectronics</i> , 2011 , 26, 2607-12	11.8	78
2	A biting-down approach to hierarchical decomposition of object-oriented systems based on structure analysis. <i>Journal of Software: Evolution and Process</i> , 2010 , 22, 567-596		8
1	Synthesis of graphene oxide functionalized by phytic acid for anticorrosive reinforcement of waterborne epoxy coating. <i>Journal of Applied Polymer Science</i> , 51910	2.9	0