Jing Luo

List of Publications by Citations

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	A novel non-enzymatic glucose sensor based on Cu nanoparticle modified graphene sheets electrode. *Analytica Chimica Acta*, **2012**, 709, 47-53	6.6	436
99	Tannic Acid Induced Self-Assembly of Three-Dimensional Graphene with Good Adsorption and Antibacterial Properties. *ACS Sustainable Chemistry and Engineering*, **2016**, 4, 1404-1413	8.3	168
98	Three-dimensional graphene-polyaniline hybrid hollow spheres by layer-by-layer assembly for application in supercapacitor. *Electrochimica Acta*, **2015**, 173, 184-192	6.7	101
97	Efficient One-Pot Synthesis of Mussel-Inspired Molecularly Imprinted Polymer Coated Graphene for Protein-Specific Recognition and Fast Separation. *Journal of Physical Chemistry C*, **2013**, 117, 18448-18456	4.8	100
96	Double Recognition and Selective Extraction of Glycoprotein Based on the Molecular Imprinted Graphene Oxide and Boronate Affinity. *ACS Applied Materials & Interfaces*, **2017**, 9, 7735-7744	9.5	95
95	Tannic acid functionalized graphene hydrogel for entrapping gold nanoparticles with high catalytic performance toward dye reduction. *Journal of Hazardous Materials*, **2015**, 300, 615-623	12.8	80
94	In situ green synthesis of Au nanoparticles onto polydopamine-functionalized graphene for catalytic reduction of nitrophenol. *RSC Advances*, **2014**, 4, 64816-64824	3.7	79
93	Glucose sensors based on electrodeposition of molecularly imprinted polymeric micelles: a novel strategy for MIP sensors. *Biosensors and Bioelectronics*, **2011**, 26, 2607-12	11.8	78
92	Electrochemical sensor for bovine hemoglobin based on a novel graphene-molecular imprinted polymers composite as recognition element. *Sensors and Actuators B: Chemical*, **2014**, 203, 782-789	8.5	71
91	Facile one-step electrochemical fabrication of a non-enzymatic glucose-selective glassy carbon electrode modified with copper nanoparticles and graphene. *Mikrochimica Acta*, **2012**, 177, 485-490	5.8	68
90	A novel electrochemical sensor for paracetamol based on molecularly imprinted polymeric micelles. *Sensors and Actuators B: Chemical*, **2013**, 188, 909-916	8.5	60
89	Efficient Toughening of Epoxy/Anhydride Thermosets with a Biobased Tannic Acid Derivative. *ACS Sustainable Chemistry and Engineering*, **2017**, 5, 596-603	8.3	60
88	Preparation of a Magnetic Molecularly Imprinted Graphene Composite Highly Adsorbent for 4-Nitrophenol in Aqueous Medium. *ACS Sustainable Chemistry and Engineering*, **2016**, 4, 3316-3326	8.3	60
87	Synthesis of hydrophilic and conductive molecularly imprinted polyaniline particles for the sensitive and selective protein detection. *Biosensors and Bioelectronics*, **2017**, 94, 39-46	11.8	52
86	A facile approach for synthesizing molecularly imprinted graphene for ultrasensitive and selective electrochemical detecting 4-nitrophenol. *Analytica Chimica Acta*, **2015**, 864, 74-84	6.6	52
85	Synthesis of stable aqueous dispersion of graphene/polyaniline composite mediated by polystyrene sulfonic acid. *Journal of Polymer Science Part A*, **2012**, 50, 4888-4894	2.5	52
84	Synthesis of Water-Dispersible Molecularly Imprinted Electroactive Nanoparticles for the Sensitive and Selective Paracetamol Detection. *ACS Applied Materials & Interfaces*, **2016**, 8, 21028-38	9.5	50

83	A facile approach for imprinting protein on the surface of multi-walled carbon nanotubes. *Talanta*, **2014**, 120, 76-83	6.2	49
82	Self-assembled polymeric nanoparticles film stabilizing gold nanoparticles as a versatile platform for ultrasensitive detection of carcino-embryonic antigen. *Biosensors and Bioelectronics*, **2017**, 92, 570-576	11.8	47
81	Synthesis of New Biobased Antibacterial Methacrylates Derived from Tannic Acid and Their Application in UV-Cured Coatings. *Industrial & Engineering Chemistry Research*, **2014**, 53, 10835-10840	3.9	46
80	Molecularly imprinted polymeric nanoparticles decorated with Au NPs for highly sensitive and selective glucose detection. *Biosensors and Bioelectronics*, **2018**, 100, 497-503	11.8	43
79	Preparation of water-compatible molecular imprinted conductive polyaniline nanoparticles using polymeric micelle as nanoreactor for enhanced paracetamol detection. *Chemical Engineering Journal*, **2016**, 283, 1118-1126	14.7	40
78	Molecularly imprinted photo-sensitive polyglutamic acid nanoparticles for electrochemical sensing of hemoglobin. *Mikrochimica Acta*, **2015**, 182, 175-183	5.8	39
77	Selective and sensitive glycoprotein detection via a biomimetic electrochemical sensor based on surface molecular imprinting and boronate-modified reduced graphene oxide. *Sensors and Actuators B: Chemical*, **2018**, 259, 1-9	8.5	39
76	One-pot synthesis of a graphene oxide coated with an imprinted sol□gel for use in electrochemical sensing of paracetamol. *Mikrochimica Acta*, **2014**, 181, 1257-1266	5.8	38
75	Emission and Accumulation of Monoterpene and the Key Terpene Synthase (TPS) Associated with Monoterpene Biosynthesis in Osmanthus fragrans Lour. *Frontiers in Plant Science*, **2015**, 6, 1232	6.2	38
74	Synthesis of Temperature/pH Dual-Stimuli-Response Multicompartmental Microcapsules via Pickering Emulsion for Preprogrammable Payload Release. *ACS Applied Materials & Interfaces*, **2020**, 12, 4821-4832	9.5	36
73	A Versatile Naphthalimide-Sulfonamide-Coated Tetraphenylethene: Aggregation-Induced Emission Behavior, Mechanochromism, and Tracking Glutathione in Living Cells. *Chemistry - an Asian Journal*, **2019**, 14, 890-895	4.5	35
72	Necklace-like Molecularly Imprinted Nanohybrids Based on Polymeric Nanoparticles Decorated Multiwalled Carbon Nanotubes for Highly Sensitive and Selective Melamine Detection. *ACS Applied Materials & Interfaces*, **2018**, 10, 24850-24859	9.5	32
71	Layer-by-layer self-assembled hybrid multilayer films based on poly(sodium 4-styrenesulfonate) stabilized graphene with polyaniline and their electrochemical sensing properties. *RSC Advances*, **2013**, 3, 17866	3.7	32
70	Hollow graphene-polyaniline hybrid spheres using sulfonated graphene as Pickering stabilizer for high performance supercapacitors. *Electrochimica Acta*, **2018**, 272, 221-232	6.7	31
69	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. *Mikrochimica Acta*, **2016**, 183, 1543-1551	5.8	28
68	Layer-by-layer assembled ionic-liquid functionalized graphene□polyaniline nanocomposite with enhanced electrochemical sensing properties. *Journal of Materials Chemistry C*, **2014**, 2, 4818	7.1	27
67	Tannic Acid as a Bio-Based Modifier of Epoxy/Anhydride Thermosets. *Polymers*, **2016**, 8,	4.5	27
66	Noncovalent functionalization of carbon nanotubes via co-deposition of tannic acid and polyethyleneimine for reinforcement and conductivity improvement in epoxy composite. *Composites Science and Technology*, **2019**, 170, 25-33	8.6	27

65	Electrochemical protein recognition based on macromolecular self-assembly of molecularly imprinted polymer: a new strategy to mimic antibody for label-free biosensing. *Journal of Materials Chemistry B*, **2019**, 7, 2311-2319	7.3	25
64	Tannic acid stabilized silver nanoparticles for inkjet printing of conductive flexible electronics. *RSC Advances*, **2016**, 6, 83720-83729	3.7	23
63	Water-dispersible molecularly imprinted nanohybrids via co-assembly of carbon nanotubes with amphiphilic copolymer and photocrosslinking for highly sensitive and selective paracetamol detection. *Biosensors and Bioelectronics*, **2018**, 117, 713-719	11.8	23
62	Synthesis of inhibitor-loaded polyaniline microcapsules with dual anti-corrosion functions for protection of carbon steel. *Electrochimica Acta*, **2020**, 364, 137299	6.7	23
61	Green Synthesis of Water-Compatible Fluorescent Molecularly Imprinted Polymeric Nanoparticles for Efficient Detection of Paracetamol. *ACS Sustainable Chemistry and Engineering*, **2018**, 6, 9760-9770	8.3	21
60	Dispersion of carbon nanotubes in water by self-assembled micelles of branched amphiphilic multifunctional copolymers with photosensitivity and electroactivity. *Journal of Materials Chemistry A*, **2014**, 2, 14481-14492	13	21
59	Paracetamol Sensor Based on Molecular Imprinting by Photosensitive Polymers. *Electroanalysis*, **2013**, 25, 1907-1916	3	20
58	Molecularly imprinted nanohybrids based on dopamine-modified poly(□glutamic acid) for electrochemical sensing of melamine. *Biosensors and Bioelectronics*, **2016**, 85, 381-386	11.8	20
57	One-pot green synthesis of nanohybrid structures: gold nanoparticles in poly(□glutamic acid) copolymer nanoparticles. *RSC Advances*, **2014**, 4, 25106	3.7	19
56	Photoresponsive water-dispersible polyaniline nanoparticles through template synthesis with copolymer micelle containing coumarin groups. *Journal of Polymer Science Part A*, **2012**, 50, 4037-4045	2.5	19
55	Noncovalent functionalization of carbon nanotube using poly(vinylcarbazole)-based compatibilizer for reinforcement and conductivity improvement in epoxy composite. *Journal of Applied Polymer Science*, **2017**, 134,	2.9	17
54	Three-dimensional Ag□annic acid□raphene as an antibacterial material. *New Journal of Chemistry*, **2016**, 40, 6332-6339	3.6	16
53	A comparative study of lignocellulosic nanofibrils isolated from celery using oxalic acid hydrolysis followed by sonication and mechanical fibrillation. *Cellulose*, **2019**, 26, 5237-5246	5.5	15
52	Reactive copolymer functionalized graphene sheet for enhanced mechanical and thermal properties of epoxy composites. *Journal of Polymer Science Part A*, **2015**, 53, 2776-2785	2.5	15
51	Design and Synthesis of Self-Healable Superhydrophobic Coatings for Oil/Water Separation. *Langmuir*, **2020**, 36, 15309-15318	4	15
50	Multiwalled carbon nanotubes noncovalently functionalized by electro-active amphiphilic copolymer micelles for selective dopamine detection. *RSC Advances*, **2015**, 5, 18233-18241	3.7	15
49	Liquid Marbles Stabilized by Fluorine-Bearing Cyclomatrix Polyphosphazene Particles and Their Application as High-Efficiency Miniature Reactors. *Langmuir*, **2016**, 32, 1707-15	4	14
48	Fluorescent molecularly imprinted nanoparticles with boronate affinity for selective glycoprotein detection. *Journal of Materials Chemistry B*, **2020**, 8, 6469-6480	7.3	13

47	Preparation and Application of Water-in-Oil Emulsions Stabilized by Modified Graphene Oxide. *Materials*, **2016**, 9,	3.5	13
46	A Temperature-Responsive Boronate Core Cross-Linked Star (CCS) Polymer for Fast and Highly Efficient Enrichment of Glycoproteins. *Small*, **2019**, 15, e1900099	11	13
45	Long Conducting and Water-Compatible Polymer/Carbon Nanotubes Nanocomposite with Beads-on-a-String Structure as a Highly Effective Electrochemical Sensing Material. *ACS Sustainable Chemistry and Engineering*, **2019**, 7, 3556-3566	8.3	13
44	Preparation of silver nanoparticles with hyperbranched polymers as a stabilizer for inkjet printing of flexible circuits. *New Journal of Chemistry*, **2019**, 43, 2797-2803	3.6	12
43	Unique Metal Cation Recognition via Crown Ether-Derivatized Oligo(phenyleneethynylene) Molecular Junction. *Journal of Physical Chemistry C*, **2020**, 124, 8496-8503	3.8	11
42	Green Synthesis of Silver Nanoparticles by Tannic Acid with Improved Catalytic Performance Towards the Reduction of Methylene Blue. *Nano*, **2018**, 13, 1850003	1.1	10
41	Electrochemical Sensor Coating Based on Electrophoretic Deposition of Au-Doped Self-Assembled Nanoparticles. *ACS Applied Materials & Interfaces*, **2018**, 10, 5926-5932	9.5	10
40	Preparation of molecularly imprinted polymer/Au nanohybrids as an effective biosensing material. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2018**, 555, 95-102	5.1	10
39	Preparation of dual-chamber microcapsule by Pickering emulsion for self-healing application with ultra-high healing efficiency. *Journal of Colloid and Interface Science*, **2021**, 600, 660-669	9.3	10
38	Expression of MEP Pathway Genes and Non-volatile Sequestration Are Associated with Circadian Rhythm of Dominant Terpenoids Emission in Lour. Flowers. *Frontiers in Plant Science*, **2017**, 8, 1869	6.2	9
37	Micelle-assisted synthesis of PANI nanoparticles and application as particulate emulsifier. *Colloid and Polymer Science*, **2014**, 292, 653-660	2.4	8
36	Preparation of photo-sensitive poly(glutamic acid) nanoparticles and application for immobilizing hemoglobin on electrode. *Colloid and Polymer Science*, **2014**, 292, 2295-2302	2.4	8
35	Six-arm star-shaped polymer with cyclophosphazene core and poly(caprolactone) arms as modifier of epoxy thermosets. *Journal of Applied Polymer Science*, **2017**, 134,	2.9	8
34	Micelle-encapsulated multi-wall carbon nanotubes with photosensitive copolymer and its application in the detection of dopamine. *Colloid and Polymer Science*, **2014**, 292, 153-161	2.4	8
33	A biting-down approach to hierarchical decomposition of object-oriented systems based on structure analysis. *Journal of Software: Evolution and Process*, **2010**, 22, 567-596		8
32	Screen-Printed Carbon Electrodes Modified with Polymeric Nanoparticle-Carbon Nanotube Composites for Enzymatic Biosensing. *ACS Applied Nano Materials*, **2020**, 3, 9158-9166	5.6	8
31	Aqueous Dispersions of Carbon Nanotubes with Self-assembled Micelles of Photosensitive Amphiphilic Random Copolymer Containing Coumarin. *Chemistry Letters*, **2012**, 41, 50-52	1.7	7
30	Gold nanoparticles for smart and recoverable catalyst using thermo-responsive core-crosslinked star polymer as the nanoreactor. *Applied Surface Science*, **2020**, 507, 144950	6.7	7

29	Research on Amphiphilic Copolymer MIP Micelles Electrochemical Sensor. *Acta Chimica Sinica*, **2013**, 71, 934	3.3	6
28	A leader-following formation control of multiple mobile robots with obstacle **2015**,		5
27	Expression of DAZL Gene in Selected Tissues and Association of Its Polymorphisms with Testicular Size in Hu Sheep. *Animals*, **2020**, 10,	3.1	5
26	One-pot synthesis of tetramethyl biphenyl backboned hyperbranched epoxy resin as an efficient toughening modifier for two epoxy curing systems. *Polymer Bulletin*, **2018**, 75, 4571-4586	2.4	5
25	Polyaniline-graphene Hollow Spheres based on Graphene Stabilized Pickering Emulsions. *Acta Chimica Sinica*, **2017**, 75, 391	3.3	4
24	Noncovalent functionalization of carbon nanotubes using branched random copolymer for improvement of thermal conductivity and mechanical properties of epoxy thermosets. *Polymer International*, **2018**, 67, 1128-1136	3.3	4
23	Reactive particles from in situ silane-polycondensation-induced self-assembly of poly(styrene-alt-maleic anhydride) as toughener for epoxy resins. *Journal of Applied Polymer Science*, **2019**, 136, 47565	2.9	3
22	Distributed consensus analysis for a class of heterogeneous multi-agent systems composed of first-order and fourth-order integrators **2016**,		3
21	Photosensitive acrylate copolymer for electrodeposition photoresist. *Polymer Science - Series A*, **2013**, 55, 225-232	1.2	3
20	Synthesis of robust polyaniline microcapsules via UV-initiated emulsion polymerization for self-healing and anti-corrosion coating. *Progress in Organic Coatings*, **2022**, 162, 106592	4.8	3
19	Controlled synthesis of thermoresponsive polymers derived from l-Lysine, a biorenewable resource. *Journal of Polymer Science Part A*, **2019**, 57, 862-868	2.5	3
18	Tannic acid stabilized antioxidation copper nanoparticles in aqueous solution for application in conductive ink. *Journal of Materials Science: Materials in Electronics*, **2018**, 29, 20603-20606	2.1	3
17	A random acrylate copolymer with epoxy-amphiphilic structure as an efficient toughener for an epoxy/anhydride system. *Journal of Applied Polymer Science*, **2017**, 134,	2.9	2
16	Complete genome sequence of Achromobacter spanius type strain DSM 23806, a pathogen isolated from human blood. *Journal of Global Antimicrobial Resistance*, **2018**, 14, 1-3	3.4	2
15	The Numerical Simulation of Multi-Directional Forging EQ153 Steering Knuckle. *Applied Mechanics and Materials*, **2013**, 321-324, 230-233	0.3	2
14	Robust Damage-Reporting Strategy Enabled by Dual-Compartment Microcapsules. *ACS Applied Materials & Interfaces*, **2021**, 13, 14518-14529	9.5	2
13	Identification of Chlorophyll Metabolism- and Photosynthesis-Related Genes Regulating Green Flower Color in Chrysanthemum by Integrative Transcriptome and Weighted Correlation Network Analyses. *Genes*, **2021**, 12,	4.2	2
12	CmNAC73 Mediates the Formation of Green Color in Chrysanthemum Flowers by Directly Activating the Expression of Chlorophyll Biosynthesis Genes and. *Genes*, **2021**, 12,	4.2	2

List of Publications

11	One-pot facile preparation of Ag nanoparticles for chloride ion sensing. *Colloid and Polymer Science*, **2016**, 294, 1643-1649	2.4	2
10	Tissue specificity of (E)-β-Farnesene and germacrene D accumulation in pyrethrum flowers. *Phytochemistry*, **2021**, 187, 112768	4	2
9	Complete genome sequence of Achromobacter insolitus type strain LMG 6003T, a pathogen isolated from leg wound. *Pathogens and Disease*, **2017**, 75,	4.2	1
8	Preparation and Properties of Aqueous SCNTs Dispersion based on A UV-curable Polymeric Dispersant. *Journal Wuhan University of Technology, Materials Science Edition*, **2018**, 33, 485-491	1	1
7	Humic acid assisted chemical synthesis of silver nanoparticles for inkjet printing of flexible circuits. *Journal of Materials Science: Materials in Electronics*, **2019**, 30, 20400-20409	2.1	1
6	Electric-field-induced aggregation of polymeric micelles to construct secondary assembly films. *Journal of Applied Polymer Science*, **2013**, 127, 2816-2822	2.9	1
5	Rose (Rosa hybrida) Ethylene Responsive Factor 3 Promotes Rose Flower Senescence via Direct Activation of the Abscisic Acid Synthesis-Related 9-CIS-EPOXYCAROTENOID DIOXYGENASE Gene. *Plant and Cell Physiology*, **2021**, 62, 1030-1043	4.9	1
4	Synthesis of Polyaniline@MnO2/Graphene Ternary Hybrid Hollow Spheres via Pickering Emulsion Polymerization for Electrochemical Supercapacitors. *ACS Applied Energy Materials*, **2021**, 4, 7721-7730	6.1	1
3	Ribozyme-mediated CRISPR/Cas9 gene editing in pyrethrum (Tanacetum cinerariifolium) hairy roots using a RNA polymerase II-dependent promoter.. *Plant Methods*, **2022**, 18, 32	5.8	1
2	Synthesis of graphene oxide functionalized by phytic acid for anticorrosive reinforcement of waterborne epoxy coating. *Journal of Applied Polymer Science*,51910	2.9	0
1	Characteristics of saline lake shale oil reservoir and its influence on shale oil enrichment in the Qianjiang Formation, Qianjiang Depression, Jianghan Basin, China. *Geological Journal*, **2021**, 56, 2977-2996	1.7	0