

# Langxing Chen

## List of Publications by Year in descending order

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84  
papers

4,864  
citations

87888

38  
h-index

95266

68  
g-index

85  
all docs

85  
docs citations

85  
times ranked

4617  
citing authors

#	ARTICLE	IF	CITATIONS
1	Stable and Highly Efficient Photocatalysis with Lead-Free Double-Perovskite of Cs <sub>2</sub> AgBiBr <sub>6</sub> . <i>Angewandte Chemie - International Edition</i> , 2019, 58, 7263-7267.	13.8	283
2	A self-assembled polydopamine film on the surface of magnetic nanoparticles for specific capture of protein. <i>Nanoscale</i> , 2012, 4, 3141.	5.6	282
3	A molecularly imprinted polymer-coated nanocomposite of magnetic nanoparticles for estrone recognition. <i>Talanta</i> , 2009, 78, 327-332.	5.5	269
4	Synthesis and characterization of the core-shell magnetic molecularly imprinted polymers (Fe <sub>3</sub> O <sub>4</sub> @MIPs) adsorbents for effective extraction and determination of sulfonamides in the poultry feed. <i>Journal of Chromatography A</i> , 2012, 1245, 8-16.	3.7	233
5	Preparation and characterization of uniformly sized molecularly imprinted polymers functionalized with core-shell magnetic nanoparticles for the recognition and enrichment of protein. <i>Journal of Materials Chemistry</i> , 2011, 21, 17863.	6.7	197
6	Stable and Highly Efficient Photocatalysis with Lead-Free Double-Perovskite of Cs <sub>2</sub> AgBiBr <sub>6</sub> . <i>Angewandte Chemie</i> , 2019, 131, 7341-7345.	2.0	187
7	Tailor-Made Boronic Acid Functionalized Magnetic Nanoparticles with a Tunable Polymer Shell-Assisted for the Selective Enrichment of Glycoproteins/Glycopeptides. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 24576-24584.	8.0	139
8	Preparation of IDA-Cu functionalized core-satellite Fe <sub>3</sub> O <sub>4</sub> /polydopamine/Au magnetic nanocomposites and their application for depletion of abundant protein in bovine blood. <i>Journal of Materials Chemistry</i> , 2010, 20, 10696.	6.7	135
9	Preparation of Core-shell Magnetic Molecularly Imprinted Polymer Nanoparticles for Recognition of Bovine Hemoglobin. <i>Chemistry - an Asian Journal</i> , 2009, 4, 286-293.	3.3	133
10	Fabrication of mesoporous silica-coated CNTs and application in size-selective protein separation. <i>Journal of Materials Chemistry</i> , 2010, 20, 5835.	6.7	120
11	Determination of tetracyclines in food samples by molecularly imprinted monolithic column coupling with high performance liquid chromatography. <i>Talanta</i> , 2009, 79, 926-934.	5.5	108
12	Turn-on Fluorescent Sensing of Glutathione S-Transferase at near-Infrared Region Based on FRET between Gold Nanoclusters and Gold Nanorods. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 5965-5971.	8.0	95
13	Synthesis and evaluation of molecularly imprinted core-shell carbon nanotubes for the determination of triclosan in environmental water samples. <i>Journal of Chromatography A</i> , 2010, 1217, 8095-8102.	3.7	94
14	Dual-Functionalized Magnetic Metal-Organic Framework for Highly Specific Enrichment of Phosphopeptides. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 11413-11421.	6.7	93
15	Click Synthesis of Hydrophilic Maltose-Functionalized Iron Oxide Magnetic Nanoparticles Based on Dopamine Anchors for Highly Selective Enrichment of Glycopeptides. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 24670-24678.	8.0	92
16	Synthesis and application of a macroporous boronate affinity monolithic column using a metal-organic gel as a porogenic template for the specific capture of glycoproteins. <i>Journal of Chromatography A</i> , 2011, 1218, 9194-9201.	3.7	91
17	Boronic acid modified magnetic nanoparticles for enrichment of glycoproteins via azide and alkyne click chemistry. <i>Journal of Materials Chemistry</i> , 2012, 22, 16520.	6.7	85
18	Adenosine Phosphate Functionalized Magnetic Mesoporous Graphene Oxide Nanocomposite for Highly Selective Enrichment of Phosphopeptides. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 2188-2196.	6.7	79

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19	Graphene oxide-based boronate polymer brushes via surface initiated atom transfer radical polymerization for the selective enrichment of glycoproteins. <i>Journal of Materials Chemistry B</i> , 2016, 4, 6125-6133.	5.8	70
20	Preparation and characterisation of core-shell CNTs@MIPs nanocomposites and selective removal of estrone from water samples. <i>Talanta</i> , 2011, 83, 757-764.	5.5	69
21	A combination of distillation-precipitation polymerization and click chemistry: fabrication of boronic acid functionalized Fe <sub>3</sub> O <sub>4</sub> hybrid composites for enrichment of glycoproteins. <i>Journal of Materials Chemistry B</i> , 2014, 2, 3254.	5.8	66
22	Mercaptophenylboronic acid-capped Mn-doped ZnS quantum dots for highly selective and sensitive fluorescence detection of glycoproteins. <i>Sensors and Actuators B: Chemical</i> , 2017, 243, 72-77.	7.8	65
23	Characterization of Ag/Pt core-shell nanoparticles by UV-vis absorption, resonance light-scattering techniques. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 68, 484-490.	3.9	64
24	Click chemistry: a new facile and efficient strategy for the preparation of Fe <sub>3</sub> O <sub>4</sub> nanoparticles covalently functionalized with IDA-Cu and their application in the depletion of abundant protein in blood samples. <i>Nanoscale</i> , 2012, 4, 6336.	5.6	64
25	Selective extraction of sulfonamides from food by use of silica-coated molecularly imprinted polymer nanospheres. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 451-461.	3.7	62
26	A functionalized magnetic covalent organic framework for sensitive determination of trace neonicotinoid residues in vegetable samples. <i>Journal of Chromatography A</i> , 2020, 1618, 460898.	3.7	60
27	Preparation of magnetic molecularly imprinted polymers functionalized carbon nanotubes for highly selective removal of aristolochic acid. <i>Journal of Chromatography A</i> , 2019, 1602, 168-177.	3.7	59
28	Thiol-yne click synthesis of boronic acid functionalized silica nanoparticle-graphene oxide composites for highly selective enrichment of glycoproteins. <i>Journal of Chromatography A</i> , 2017, 1513, 118-125.	3.7	57
29	Room temperature ionic liquid-mediated molecularly imprinted polymer monolith for the selective recognition of quinolones in pork samples. <i>Journal of Separation Science</i> , 2010, 33, 3786-3793.	2.5	56
30	Facile synthesis of a Ni(II)-immobilized core-shell magnetic nanocomposite as an efficient affinity adsorbent for the depletion of abundant proteins from bovine blood. <i>Journal of Materials Chemistry B</i> , 2013, 1, 3625.	5.8	56
31	Revealing the Site Effect of Lead-Free A <sub>3</sub> Sb <sub>2</sub> Br <sub>9</sub> Perovskite in Photocatalytic C(sp <sup>3</sup> )-H Bond Activation. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 18136-18139.	13.8	56
32	A novel fluorescent turn-on biosensor based on QDs@GSH-GO fluorescence resonance energy transfer for sensitive glutathione S-transferase sensing and cellular imaging. <i>Nanoscale</i> , 2017, 9, 3881-3888.	5.6	54
33	Boronic acid functionalized magnetic nanoparticles via thiol-ene click chemistry for selective enrichment of glycoproteins. <i>New Journal of Chemistry</i> , 2014, 38, 4212.	2.8	52
34	A combination of thiol-ene click chemistry and surface initiated atom transfer radical polymerization: Fabrication of boronic acid functionalized magnetic graphene oxide composite for enrichment of glycoproteins. <i>Talanta</i> , 2018, 180, 54-60.	5.5	51
35	Preparation of molecularly imprinted polymers based on magnetic carbon nanotubes for determination of sulfamethoxazole in food samples. <i>RSC Advances</i> , 2015, 5, 70309-70318.	3.6	50
36	Preparation and characterization of TiO <sub>2</sub> @Graphene@Fe <sub>3</sub> O <sub>4</sub> magnetic composite and its application in the removal of trace amounts of microcystin-LR. <i>RSC Advances</i> , 2014, 4, 56883-56891.	3.6	42

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37	A highly sensitive fluorescent turn-on biosensor for glycoproteins based on boronic acid functional polymer capped Mn-doped ZnS quantum dots. <i>Analytica Chimica Acta</i> , 2017, 995, 91-98.	5.4	40
38	Single-Particle Enumeration-Based Sensitive Glutathione S-Transferase Assay with Fluorescent Conjugated Polymer Nanoparticle. <i>Analytical Chemistry</i> , 2019, 91, 11146-11153.	6.5	39
39	Recent Advances in the Study of Protein Imprinting. <i>Separation and Purification Reviews</i> , 2007, 36, 257-283.	5.5	38
40	Preparation of novel bovine hemoglobin surface-imprinted polystyrene nanoparticles with magnetic susceptibility. <i>Science in China Series B: Chemistry</i> , 2009, 52, 1402-1411.	0.8	38
41	Boronic acid functionalized magnetic nanoparticles synthesized by atom transfer radical polymerization and their application for selective enrichment of glycoproteins. <i>RSC Advances</i> , 2016, 6, 47055-47061.	3.6	36
42	The synthesis of some pyridyl functionalized calix[4]arenes as the sensor molecule for silver ion-selective electrodes. <i>Perkin Transactions II RSC</i> , 2001, , 545-549.	1.1	35
43	The Synthesis of Magnetic Lysozyme-Imprinted Polymers by Means of Distillation-Precipitation Polymerization for Selective Protein Enrichment. <i>Chemistry - an Asian Journal</i> , 2014, 9, 526-533.	3.3	35
44	Colorimetric sensor based on 4-mercaptophenylboronic modified gold nanoparticles for rapid and selective detection of fluoride anion. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 214, 393-398.	3.9	35
45	A facile and efficient strategy for one-step in situ preparation of hydrophobic organic monolithic stationary phases by click chemistry and its application on protein separation. <i>Talanta</i> , 2010, 82, 404-408.	5.5	34
46	Well-defined sulfamethazine-imprinted magnetic nanoparticles via surface-initiated atom transfer radical polymerization for highly selective enrichment of sulfonamides in food samples. <i>Analytical Methods</i> , 2015, 7, 4708-4716.	2.7	33
47	Maltose-Functionalized Hydrophilic Magnetic Nanoparticles with Polymer Brushes for Highly Selective Enrichment of N-Linked Glycopeptides. <i>ACS Omega</i> , 2018, 3, 1572-1580.	3.5	33
48	Hydrophilic maltose-modified magnetic metal-organic framework for highly efficient enrichment of N-linked glycopeptides. <i>Journal of Chromatography A</i> , 2020, 1615, 460754.	3.7	33
49	A fluorescent sensing for glycoproteins based on the FRET between quantum dots and Au nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2017, 250, 17-23.	7.8	32
50	Preparation and characterization of iminodiacetic acid-functionalized magnetic nanoparticles and its selective removal of bovine hemoglobin. <i>Nanotechnology</i> , 2011, 22, 065705.	2.6	30
51	Facile preparation of graphene/Fe <sub>3</sub> O <sub>4</sub> /TiO <sub>2</sub> multifunctional composite for highly selective and sensitive enrichment of phosphopeptides. <i>RSC Advances</i> , 2014, 4, 18132-18135.	3.6	30
52	Background-Free Imaging of a Viral Capsid Proteins Coated Anisotropic Nanoparticle on a Living Cell Membrane with Dark-Field Optical Microscopy. <i>Analytical Chemistry</i> , 2018, 90, 1177-1185.	6.5	29
53	A facile method to coat mesoporous silica layer on carbon nanotubes by anionic surfactant. <i>Materials Letters</i> , 2010, 64, 1383-1386.	2.6	27
54	Preparation, characterization and catalytic activity of core-satellite Au/Pdop/SiO <sub>2</sub> /Fe <sub>3</sub> O <sub>4</sub> magnetic nanocomposites. <i>RSC Advances</i> , 2013, 3, 13818.	3.6	27

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55	Selective electrodes for silver based on polymeric membranes containing calix[4]arene derivatives. Fresenius' Journal of Analytical Chemistry, 2000, 367, 535-538.	1.5	26
56	In-column click-preparation of hydrophobic organic monolithic stationary phases for protein separation. Analytical and Bioanalytical Chemistry, 2011, 399, 3407-3413.	3.7	26
57	Single-particle enumeration-based ultrasensitive enzyme activity quantification with fluorescent polymer nanoparticles. Nanoscale, 2019, 11, 14793-14801.	5.6	26
58	Molecularly imprinted polymer functionalized magnetic Fe <sub>3</sub> O <sub>4</sub> for the highly selective extraction of triclosan. Journal of Separation Science, 2020, 43, 808-817.	2.5	25
59	A strategy of utilizing Cu <sup>2+</sup> -mediating interaction to prepare magnetic imprinted polymers for the selective detection of celastrol in traditional Chinese medicines. Talanta, 2021, 231, 122339.	5.5	25
60	Detection of transferrin by using a surface plasmon resonance sensor functionalized with a boronic acid monolayer. Mikrochimica Acta, 2017, 184, 2749-2757.	5.0	23
61	Synthesis of a hydrophilic maltose functionalized Au NP/PDA/Fe <sub>3</sub> O <sub>4</sub> -RGO magnetic nanocomposite for the highly specific enrichment of glycopeptides. RSC Advances, 2015, 5, 59408-59416.	3.6	22
62	Magnetic Silica-Coated Sub-Microspheres with Immobilized Metal Ions for the Selective Removal of Bovine Hemoglobin from Bovine Blood. Chemistry - an Asian Journal, 2010, 5, 1332-1340.	3.3	21
63	The selective detection of galactose based on boronic acid functionalized fluorescent carbon dots. Analytical Methods, 2016, 8, 8345-8351.	2.7	21
64	The hydrophilic boronic acid-poly(ethylene glycol) methyl ether methacrylate copolymer brushes functionalized magnetic carbon nanotubes for the selective enrichment of glycoproteins. Talanta, 2020, 210, 120632.	5.5	21
65	Revealing the Site Effect of Lead-Free A <sub>3</sub> Sb <sub>2</sub> Br <sub>9</sub> Perovskite in Photocatalytic C(sp <sup>3</sup> )-H Bond Activation. Angewandte Chemie, 2020, 132, 18293-18296.	2.0	21
66	Polyacrylonitrile Nanofibers Coated with Covalent Organic Frameworks for Oil/Water Separation. ACS Applied Nano Materials, 2022, 5, 3925-3936.	5.0	19
67	Boronic acid-functionalized iron oxide magnetic nanoparticles via distillation-precipitation polymerization and thiol-ene click chemistry for the enrichment of glycoproteins. New Journal of Chemistry, 2018, 42, 17331-17338.	2.8	18
68	Selective and sensitive determination of celastrol in traditional Chinese medicine based on molecularly imprinted polymers modified Mn-doped ZnS quantum dots optosensing materials. Colloids and Surfaces B: Biointerfaces, 2020, 190, 110929.	5.0	18
69	Facile synthesis of hydrophilic magnetic graphene nanocomposites via dopamine self-polymerization and Michael addition for selective enrichment of N-linked glycopeptides. Scientific Reports, 2020, 10, 71.	3.3	18
70	Efficient Extraction and Determination of Carbamate Pesticides in Vegetables Based on a Covalent Organic Frameworks with Acylamide Sites. Journal of Chromatography A, 2022, 1664, 462799.	3.7	17
71	Gold nanoparticles enumeration with dark-field optical microscope for the sensitive glycoprotein sandwich assay. Analytica Chimica Acta, 2020, 1109, 53-60.	5.4	16
72	Novel bis(phenylselenoalkoxy)calix[4]arene molecular tweezer receptors as sensors for ion-selective electrodes. Perkin Transactions II RSC, 2002, , 796-801.	1.1	15

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73	Hydrophilic molecularly imprinted polymers functionalized magnetic carbon nanotubes for selective extraction of cyclic adenosine monophosphate from winter jujube. <i>Journal of Separation Science</i> , 2021, 44, 2131-2142.	2.5	14
74	Multi-stimuli responsive molecularly imprinted nanoparticles with tailorable affinity for modulated specific recognition of human serum albumin. <i>Journal of Materials Chemistry B</i> , 2022, 10, 6634-6643.	5.8	14
75	The electrospun polyacrylonitrile/covalent organic framework nanofibers for efficient enrichment of trace sulfonamides residues in food samples. <i>Journal of Chromatography A</i> , 2022, 1668, 462917.	3.7	14
76	The Preparation of CuInS <sub>2</sub> -ZnS-Glutathione Quantum Dots and Their Application on the Sensitive Determination of Cytochrome <i>c</i> and Imaging of HeLa Cells. <i>ACS Omega</i> , 2021, 6, 17501-17509.	3.5	13
77	Phosphate group functionalized magnetic metal-organic framework nanocomposite for highly efficient removal of U(VI) from aqueous solution. <i>Scientific Reports</i> , 2021, 11, 24328.	3.3	11
78	SELECTIVE ELECTRODE FOR SILVER BASED ON POLYMER MEMBRANES CONTAINING EXOCYCLIC CHALCOGEN ATOMS CALIX[4]ARENE AND CROWN ETHER. <i>Analytical Letters</i> , 2001, 34, 2237-2248.	1.8	10
79	Highly fluorinated magnetic covalent organic framework for efficient adsorption and sensitive detection of microcystin toxin in aqueous samples. <i>Journal of Chromatography A</i> , 2022, 1676, 463290.	3.7	10
80	Syntheses and ion-selective properties of 25,27-bis(2-hydroxyethylthioalkoxyl)-26,28-dihydroxycalix[4]arenes. <i>Journal of Chemical Research</i> , 2000, 2000, 518-519.	1.3	8
81	Preparation of bovine hemoglobin-imprinted polymer beads via the photografting surface-modified method. <i>Frontiers of Chemistry in China: Selected Publications From Chinese Universities</i> , 2008, 3, 370-377.	0.4	7
82	Zwitterionic surfactant assisted fabrication of mesoporous silica coated carbon nanotubes for organic pollutants. <i>New Journal of Chemistry</i> , 2014, 38, 3212.	2.8	4
83	Quantitative characterization of histone post-translational modifications using a stable isotope dimethyl-labeling strategy. <i>Analytical Methods</i> , 2015, 7, 3779-3785.	2.7	4
84	Near 90% Transparent ITO-Based Flexible Electrode with Double-Sided Antireflection Layers for Highly Efficient Flexible Optoelectronic Devices. <i>Small</i> , 2022, 18, e2201716.	10.0	4