Langxing Chen

List of Publications by Year
in descending order

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		87888	95266
84	4,864	38	68
papers	citations	h-index	g-index

85	85	85	4617
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Multi-stimuli responsive molecularly imprinted nanoparticles with tailorable affinity for modulated specific recognition of human serum albumin. Journal of Materials Chemistry B, 2022, 10, 6634-6643.	5.8	14
3	Polyacrylonitrile Nanofibers Coated with Covalent Organic Frameworks for Oil/Water Separation. ACS Applied Nano Materials, 2022, 5, 3925-3936.	5.0	19
4	The electrospun polyacrylonitrile/covalent organic framework nanofibers for efficient enrichment of trace sulfonamides residues in food samples. Journal of Chromatography A, 2022, 1668, 462917.	3.7	14
5	Near 90% Transparent ITOâ€Based Flexible Electrode with Doubleâ€Sided Antireflection Layers for Highly Efficient Flexible Optoelectronic Devices. Small, 2022, 18, e2201716.	10.0	4
6	Highly fluorinated magnetic covalent organic framework for efficient adsorption and sensitive detection of microcystin toxin in aqueous samples. Journal of Chromatography A, 2022, 1676, 463290.	3.7	10
7	Hydrophilic molecularly imprinted polymers functionalized magnetic carbon nanotubes for selective extraction of cyclic adenosine monophosphate from winter jujube. Journal of Separation Science, 2021, 44, 2131-2142.	2.5	14
8	The Preparation of CuInS₂-ZnS-Glutathione Quantum Dots and Their Application on the Sensitive Determination of Cytochrome c and Imaging of HeLa Cells. ACS Omega, 2021, 6, 17501-17509.	3.5	13
9	A strategy of utilizing Cu2+-mediating interaction to prepare magnetic imprinted polymers for the selective detection of celastrol in traditional Chinese medicines. Talanta, 2021, 231, 122339.	5.5	25
10	Phosphate group functionalized magnetic metalâ€“organic framework nanocomposite for highly efficient removal of U(VI) from aqueous solution. Scientific Reports, 2021, 11, 24328.	3.3	11
11	Molecularly imprinted polymer functionalized magnetic Fe₃O₄ for the highly selective extraction of triclosan. Journal of Separation Science, 2020, 43, 808-817.	2.5	25
12	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
13	Hydrophilic maltose-modified magnetic metal-organic framework for highly efficient enrichment of N-linked glycopeptides. Journal of Chromatography A, 2020, 1615, 460754.	3.7	33
14	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
15	Revealing the Aâ€Site Effect of Leadâ€Free A₃Sb₂Br₉ Perovskite in Photocatalytic C(sp³)â^'H Bond Activation. Angewandte Chemie, 2020, 132, 18293-18296.	2.0	21
16	Revealing the Aâ€Site Effect of Leadâ€Free A₃Sb₂Br₉ Perovskite in Photocatalytic C(sp³)â^'H Bond Activation. Angewandte Chemie - International Edition, 2020, 59, 18136-18139.	13.8	56
17	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
18	Gold nanoparticles enumeration with dark-field optical microscope for the sensitive glycoprotein sandwich assay. Analytica Chimica Acta, 2020, 1109, 53-60.	5.4	16

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19	A functionalized magnetic covalent organic framework for sensitive determination of trace neonicotinoid residues in vegetable samples. Journal of Chromatography A, 2020, 1618, 460898.	3.7	60
20	Single-Particle Enumeration-Based Sensitive Glutathione S-Transferase Assay with Fluorescent Conjugated Polymer Nanoparticle. Analytical Chemistry, 2019, 91, 11146-11153.	6.5	39
21	Single-particle enumeration-based ultrasensitive enzyme activity quantification with fluorescent polymer nanoparticles. Nanoscale, 2019, 11, 14793-14801.	5.6	26
22	Preparation of magnetic molecularly imprinted polymers functionalized carbon nanotubes for highly selective removal of aristolochic acid. Journal of Chromatography A, 2019, 1602, 168-177.	3.7	59
23	Stable and Highly Efficient Photocatalysis with Leadâ€Free Doubleâ€Perovskite of Cs₂AgBiBr₆. Angewandte Chemie - International Edition, 2019, 58, 7263-7267.	13.8	283
24	Stable and Highly Efficient Photocatalysis with Leadâ€Free Doubleâ€Perovskite of Cs₂AgBiBr₆. Angewandte Chemie, 2019, 131, 7341-7345.	2.0	187
25	Colorimetric sensor based on 4-mercaptophenylboronic modified gold nanoparticles for rapid and selective detection of fluoride anion. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 214, 393-398.	3.9	35
26	Maltose-Functionalized Hydrophilic Magnetic Nanoparticles with Polymer Brushes for Highly Selective Enrichment of N-Linked Glycopeptides. ACS Omega, 2018, 3, 1572-1580.	3.5	33
27	Adenosine Phosphate Functionalized Magnetic Mesoporous Graphene Oxide Nanocomposite for Highly Selective Enrichment of Phosphopeptides. ACS Sustainable Chemistry and Engineering, 2018, 6, 2188-2196.	6.7	79
28	Background-Free Imaging of a Viral Capsid Proteins Coated Anisotropic Nanoparticle on a Living Cell Membrane with Dark-Field Optical Microscopy. Analytical Chemistry, 2018, 90, 1177-1185.	6.5	29
29	A combination of â€œthiolâ^'eneâ€•click chemistry and surface initiated atom transfer radical polymerization: Fabrication of boronic acid functionalized magnetic graphene oxide composite for enrichment of glycoproteins. Talanta, 2018, 180, 54-60.	5.5	51
30	Boronic acid-functionalized iron oxide magnetic nanoparticles via distillationâ€“precipitation polymerization and thiolâ€“yne click chemistry for the enrichment of glycoproteins. New Journal of Chemistry, 2018, 42, 17331-17338.	2.8	18
31	A novel fluorescent turn-on biosensor based on QDs@GSHâ€“GO fluorescence resonance energy transfer for sensitive glutathione S-transferase sensing and cellular imaging. Nanoscale, 2017, 9, 3881-3888.	5.6	54
32	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
33	A fluorescent sensing for glycoproteins based on the FRET between quantum dots and Au nanoparticles. Sensors and Actuators B: Chemical, 2017, 250, 17-23.	7.8	32
34	Mercaptophenylboronic acid-capped Mn-doped ZnS quantum dots for highly selective and sensitive fluorescence detection of glycoproteins. Sensors and Actuators B: Chemical, 2017, 243, 72-77.	7.8	65
35	A highly sensitive fluorescent turn-on biosensor for glycoproteins based on boronic acid functional polymer capped Mn-doped ZnS quantum dots. Analytica Chimica Acta, 2017, 995, 91-98.	5.4	40
36	Dual-Functionalized Magnetic Metalâ€“Organic Framework for Highly Specific Enrichment of Phosphopeptides. ACS Sustainable Chemistry and Engineering, 2017, 5, 11413-11421.	6.7	93

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37	Thiol-yne click synthesis of boronic acid functionalized silica nanoparticle-graphene oxide composites for highly selective enrichment of glycoproteins. Journal of Chromatography A, 2017, 1513, 118-125.	3.7	57
38	Boronic acid functionalized magnetic nanoparticles synthesized by atom transfer radical polymerization and their application for selective enrichment of glycoproteins. RSC Advances, 2016, 6, 47055-47061.	3.6	36
39	Graphene oxide-based boronate polymer brushes via surface initiated atom transfer radical polymerization for the selective enrichment of glycoproteins. Journal of Materials Chemistry B, 2016, 4, 6125-6133.	5.8	70
40	The selective detection of galactose based on boronic acid functionalized fluorescent carbon dots. Analytical Methods, 2016, 8, 8345-8351.	2.7	21
41	Synthesis of a hydrophilic maltose functionalized Au NP/PDA/Fe₃O₄-RGO magnetic nanocomposite for the highly specific enrichment of glycopeptides. RSC Advances, 2015, 5, 59408-59416.	3.6	22
42	Turn-on Fluorescent Sensing of Glutathione S-Transferase at near-Infrared Region Based on FRET between Gold Nanoclusters and Gold Nanorods. ACS Applied Materials & Interfaces, 2015, 7, 5965-5971.	8.0	95
43	Quantitative characterization of histone post-translational modifications using a stable isotope dimethyl-labeling strategy. Analytical Methods, 2015, 7, 3779-3785.	2.7	4
44	Well-defined sulfamethazine-imprinted magnetic nanoparticles via surface-initiated atom transfer radical polymerization for highly selective enrichment of sulfonamides in food samples. Analytical Methods, 2015, 7, 4708-4716.	2.7	33
45	Click Synthesis of Hydrophilic Maltose-Functionalized Iron Oxide Magnetic Nanoparticles Based on Dopamine Anchors for Highly Selective Enrichment of Glycopeptides. ACS Applied Materials & Interfaces, 2015, 7, 24670-24678.	8.0	92
46	Tailor-Made Boronic Acid Functionalized Magnetic Nanoparticles with a Tunable Polymer Shell-Assisted for the Selective Enrichment of Glycoproteins/Glycopeptides. ACS Applied Materials & Interfaces, 2015, 7, 24576-24584.	8.0	139
47	Preparation of molecularly imprinted polymers based on magnetic carbon nanotubes for determination of sulfamethoxazole in food samples. RSC Advances, 2015, 5, 70309-70318.	3.6	50
48	The Synthesis of Magnetic Lysozymeâ€Imprinted Polymers by Means of Distillationâ€“Precipitation Polymerization for Selective Protein Enrichment. Chemistry - an Asian Journal, 2014, 9, 526-533.	3.3	35
49	A combination of distillationâ€“precipitation polymerization and click chemistry: fabrication of boronic acid functionalized Fe3O4 hybrid composites for enrichment of glycoproteins. Journal of Materials Chemistry B, 2014, 2, 3254.	5.8	66
50	Preparation and characterization of TiO₂â€“Graphene@Fe₃O₄ magnetic composite and its application in the removal of trace amounts of microcystin-LR. RSC Advances, 2014, 4, 56883-56891.	3.6	42
51	Facile preparation of graphene/Fe₃O₄/TiO₂ multifunctional composite for highly selective and sensitive enrichment of phosphopeptides. RSC Advances, 2014, 4, 18132-18135.	3.6	30
52	Zwitterionic surfactant assisted fabrication of mesoporous silica coated carbon nanotubes for organic pollutants. New Journal of Chemistry, 2014, 38, 3212.	2.8	4
53	Boronic acid functionalized magnetic nanoparticles via thiolâ€“ene click chemistry for selective enrichment of glycoproteins. New Journal of Chemistry, 2014, 38, 4212.	2.8	52
54	Preparation, characterization and catalytic activity of coreâ€“satellite Au/Pdop/SiO2/Fe3O4 magnetic nanocomposites. RSC Advances, 2013, 3, 13818.	3.6	27

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55	Facile synthesis of a Ni(ii)-immobilized coreâ€“shell magnetic nanocomposite as an efficient affinity adsorbent for the depletion of abundant proteins from bovine blood. Journal of Materials Chemistry B, 2013, 1, 3625.	5.8	56
56	Synthesis and characterization of the coreâ€“shell magnetic molecularly imprinted polymers (Fe3O4@MIPs) adsorbents for effective extraction and determination of sulfonamides in the poultry feed. Journal of Chromatography A, 2012, 1245, 8-16.	3.7	233
57	A self-assembled polydopamine film on the surface of magnetic nanoparticles for specific capture of protein. Nanoscale, 2012, 4, 3141.	5.6	282
58	Click chemistry: a new facile and efficient strategy for the preparation of Fe3O4 nanoparticles covalently functionalized with IDA-Cu and their application in the depletion of abundant protein in blood samples. Nanoscale, 2012, 4, 6336.	5.6	64
59	Boronic acid modified magnetic nanoparticles for enrichment of glycoproteins via azide and alkyne click chemistry. Journal of Materials Chemistry, 2012, 22, 16520.	6.7	85
60	Preparation and characterization of uniformly sized molecularly imprinted polymers functionalized with coreâ€“shell magnetic nanoparticles for the recognition and enrichment of protein. Journal of Materials Chemistry, 2011, 21, 17863.	6.7	197
61	Preparation and characterization of iminodiacetic acid-functionalized magnetic nanoparticles and its selective removal of bovine hemoglobin. Nanotechnology, 2011, 22, 065705.	2.6	30
62	Preparation and characterisation of coreâ€“shell CNTs@MIPs nanocomposites and selective removal of estrone from water samples. Talanta, 2011, 83, 757-764.	5.5	69
63	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. Journal of Chromatography A, 2011, 1218, 9194-9201.	3.7	91
64	In-column â€œclickâ€•preparation of hydrophobic organic monolithic stationary phases for protein separation. Analytical and Bioanalytical Chemistry, 2011, 399, 3407-3413.	3.7	26
65	Magnetic Silicaâ€Coated Subâ€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
66	Selective extraction of sulfonamides from food by use of silica-coated molecularly imprinted polymer nanospheres. Analytical and Bioanalytical Chemistry, 2010, 398, 451-461.	3.7	62
67	Synthesis and evaluation of molecularly imprinted coreâ€“shell carbon nanotubes for the determination of triclosan in environmental water samples. Journal of Chromatography A, 2010, 1217, 8095-8102.	3.7	94
68	A facile method to coat mesoporous silica layer on carbon nanotubes by anionic surfactant. Materials Letters, 2010, 64, 1383-1386.	2.6	27
69	Room temperature ionic liquidâ€mediated molecularly imprinted polymer monolith for the selective recognition of quinolones in pork samples. Journal of Separation Science, 2010, 33, 3786-3793.	2.5	56
70	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. Talanta, 2010, 82, 404-408.	5.5	34
71	Preparation of IDA-Cu functionalized coreâ€“satellite Fe3O4/polydopamine/Au magnetic nanocomposites and their application for depletion of abundant protein in bovine blood. Journal of Materials Chemistry, 2010, 20, 10696.	6.7	135
72	Fabrication of mesoporous silica-coated CNTs and application in size-selective protein separation. Journal of Materials Chemistry, 2010, 20, 5835.	6.7	120

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73	Preparation of novel bovine hemoglobin surface-imprinted polystyrene nanoparticles with magnetic susceptibility. Science in China Series B: Chemistry, 2009, 52, 1402-1411.	0.8	38
74	Preparation of Coreâ€shell Magnetic Molecularly Imprinted Polymer Nanoparticles for Recognition of Bovine Hemoglobin. Chemistry - an Asian Journal, 2009, 4, 286-293.	3.3	133
75	A molecularly imprinted polymer-coated nanocomposite of magnetic nanoparticles for estrone recognition. Talanta, 2009, 78, 327-332.	5.5	269
76	Determination of tetracyclines in food samples by molecularly imprinted monolithic column coupling with high performance liquid chromatography. Talanta, 2009, 79, 926-934.	5.5	108
77	Preparation of bovine hemoglobin-imprinted polymer beads via the photografting surface-modified method. Frontiers of Chemistry in China: Selected Publications From Chinese Universities, 2008, 3, 370-377.	0.4	7
78	Recent Advances in the Study of Protein Imprinting. Separation and Purification Reviews, 2007, 36, 257-283.	5.5	38
79	Characterization of Ag/Pt core-shell nanoparticles by UVâ€“vis absorption, resonance light-scattering techniques. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2007, 68, 484-490.	3.9	64
80	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
81	The synthesis of some pyridyl functionalized calix[4]arenes as the sensor molecule for silver ion-selective electrodes. Perkin Transactions II RSC, 2001, , 545-549.	1.1	35
82	SELECTIVE ELECTRODE FOR SILVER BASED ON POLYMER MEMBRANES CONTAINING EXOCYCLIC CHALCOGEN ATOMS CALIX[4]ARENE AND CROWN ETHER. Analytical Letters, 2001, 34, 2237-2248.	1.8	10
83	Syntheses and ion-selective properties of 25,27-bis(2-hydroxyethylthioalkoxyl)-26,28-dihydroxycalix[4]arenes. Journal of Chemical Research, 2000, 2000, 518-519.	1.3	8
84	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