Hongdeng Qiu

List of Publications by Citations

171 papers	4,567 citations	38 h-index	56 g-index
189 ext. papers	5,657 ext. citations	5.9 avg, IF	6.31 L-index

#	Paper	IF	Citations
171	N-Methylimidazolium anion-exchange stationary phase for high-performance liquid chromatography. *Journal of Chromatography A*, **2006**, 1103, 265-70	4.5	182
170	Novel imidazolium stationary phase for high-performance liquid chromatography. *Journal of Chromatography A*, **2006**, 1116, 46-50	4.5	131
169	Development of silica-based stationary phases for high-performance liquid chromatography. *Analytical and Bioanalytical Chemistry*, **2011**, 399, 3307-22	4.4	113
168	Preparation and evaluation of a silica-based 1-alkyl-3-(propyl-3-sulfonate) imidazolium zwitterionic stationary phase for high-performance liquid chromatography. *Journal of Chromatography A*, **2007**, 1163, 63-9	4.5	109
167	Deep eutectic solvents as novel extraction media for phenolic compounds from model oil. *Chemical Communications*, **2014**, 50, 11749-52	5.8	107
166	New poly(ionic liquid)-grafted silica multi-mode stationary phase for anion-exchange/reversed-phase/hydrophilic interaction liquid chromatography. *Analyst, The*, **2012**, 137, 2553-5	5	104
165	Preparation and applications of surface-confined ionic-liquid stationary phases for liquid chromatography. *TrAC - Trends in Analytical Chemistry*, **2014**, 53, 60-72	14.6	89
164	Effective extraction of flavonoids from Lycium barbarum L. fruits by deep eutectic solvents-based ultrasound-assisted extraction. *Talanta*, **2019**, 203, 16-22	6.2	85
163	Hemin-functionalized WS2 nanosheets as highly active peroxidase mimetics for label-free colorimetric detection of H2O2 and glucose. *Analyst, The*, **2015**, 140, 2857-63	5	82
162	Investigation of pi-pi and ion-dipole interactions on 1-allyl-3-butylimidazolium ionic liquid-modified silica stationary phase in reversed-phase liquid chromatography. *Journal of Chromatography A*, **2010**, 1217, 5190-6	4.5	80
161	Utilization of deep eutectic solvents as novel mobile phase additives for improving the separation of bioactive quaternary alkaloids. *Talanta*, **2016**, 149, 85-90	6.2	78
160	The development of solid-phase microextraction fibers with metal wires as supporting substrates. *TrAC - Trends in Analytical Chemistry*, **2013**, 46, 44-58	14.6	77
159	A new imidazolium-embedded C18 stationary phase with enhanced performance in reversed-phase liquid chromatography. *Analytica Chimica Acta*, **2012**, 738, 95-101	6.6	70
158	New strategy for drastic enhancement of selectivity via chemical modification of counter anions in ionic liquid polymer phase. *Chemical Communications*, **2010**, 46, 8740-2	5.8	69
157	New surface-confined ionic liquid stationary phases with enhanced chromatographic selectivity and stability by co-immobilization of polymerizable anion and cation pairs. *Chemical Communications*, **2012**, 48, 1299-301	5.8	68
156	Enhanced photocatalytic degradation of methyl orange by porous graphene/ZnO nanocomposite. *Environmental Pollution*, **2019**, 249, 801-811	9.3	65
155	Versatile ligands for high-performance liquid chromatography: An overview of ionic liquid-functionalized stationary phases. *Analytica Chimica Acta*, **2015**, 887, 1-16	6.6	62

154	Preparation and characterization of silica confined ionic liquids as chromatographic stationary phases through surface radical chain-transfer reaction. *Analyst, The*, **2009**, 134, 460-5	5	62
153	Recent progress and prospects of alkaline phosphatase biosensor based on fluorescence strategy. *Biosensors and Bioelectronics*, **2020**, 148, 111811	11.8	58
152	Hairpin assembly-triggered cyclic activation of a DNA machine for label-free and ultrasensitive chemiluminescence detection of DNA. *Biosensors and Bioelectronics*, **2015**, 68, 550-555	11.8	56
151	Magnetic carbon nitride nanocomposites as enhanced peroxidase mimetics for use in colorimetric bioassays, and their application to the determination of H2O2 and glucose. *Mikrochimica Acta*, **2016** , 183, 3191-3199	5.8	55
150	Facile synthesis of enzyme functional metal-organic framework for colorimetric detecting H 2 O 2 and ascorbic acid. *Chinese Chemical Letters*, **2017**, 28, 1006-1012	8.1	54
149	Recent advances of 3D graphene-based adsorbents for sample preparation of water pollutants: A review. *Chemical Engineering Journal*, **2020**, 393, 124691	14.7	54
148	Application of deep eutectic solvents in chromatography: A review. *TrAC - Trends in Analytical Chemistry*, **2019**, 120, 115623	14.6	54
147	Label-free fluorescence imaging of cytochrome c in living systems and anti-cancer drug screening with nitrogen doped carbon quantum dots. *Nanoscale*, **2018**, 10, 5342-5349	7.7	49
146	Combustion Fabrication of Nanoporous Graphene for Ionic Separation Membranes. *Advanced Functional Materials*, **2018**, 28, 1805026	15.6	49
145	Preparation and characterization of carbon dot-decorated silica stationary phase in deep eutectic solvents for hydrophilic interaction chromatography. *Analytical and Bioanalytical Chemistry*, **2017**, 409, 2401-2410	4.4	45
144	Discriminative Detection of Glutathione in Cell Lysates Based on Oxidase-Like Activity of Magnetic Nanoporous Graphene. *Analytical Chemistry*, **2019**, 91, 5004-5010	7.8	45
143	Porous graphene decorated silica as a new stationary phase for separation of sulfanilamide compounds in hydrophilic interaction chromatography. *Chinese Chemical Letters*, **2019**, 30, 863-866	8.1	45
142	Progress in stationary phases modified with carbonaceous nanomaterials for high-performance liquid chromatography. *TrAC - Trends in Analytical Chemistry*, **2015**, 65, 107-121	14.6	44
141	A sulfonic-azobenzene-grafted silica amphiphilic material: a versatile stationary phase for mixed-mode chromatography. *Chemistry - A European Journal*, **2013**, 19, 18004-10	4.8	44
140	Combustion fabrication of magnetic porous carbon as a novel magnetic solid-phase extraction adsorbent for the determination of non-steroidal anti-inflammatory drugs. *Analytica Chimica Acta*, **2019**, 1078, 78-89	6.6	43
139	Novel imidazolium-embedded and imidazolium-spaced octadecyl stationary phases for reversed phase liquid chromatography. *Talanta*, **2014**, 126, 177-84	6.2	43
138	Design of C18 Organic Phases with Multiple Embedded Polar Groups for Ultraversatile Applications with Ultrahigh Selectivity. *Analytical Chemistry*, **2015**, 87, 6614-21	7.8	41
137	Poly(1-allylimidazole)-grafted silica, a new specific stationary phase for reversed-phase and anion-exchange liquid chromatography. *Journal of Chromatography A*, **2009**, 1216, 3904-9	4.5	41

136	Selective Separation of Metal Ions via Monolayer Nanoporous Graphene with Carboxyl Groups. *Analytical Chemistry*, **2016**, 88, 10002-10010	7.8	41
135	New deep eutectic solvents composed of crown ether, hydroxide and polyethylene glycol for extraction of non-basic N-compounds. *Chinese Chemical Letters*, **2019**, 30, 871-874	8.1	40
134	Deep eutectic solvent-based liquid-phase microextraction for detection of plant growth regulators in edible vegetable oils. *Analytical Methods*, **2016**, 8, 3511-3516	3.2	40
133	Multi-mode application of graphene quantum dots bonded silica stationary phase for high performance liquid chromatography. *Journal of Chromatography A*, **2017**, 1492, 61-69	4.5	38
132	Enhancement of molecular shape selectivity by in situ anion-exchange in poly(octadecylimidazolium) silica column. *Journal of Chromatography A*, **2012**, 1232, 116-22	4.5	37
131	Synthesis and characterization of poly(ionic liquid)-grafted silica hybrid materials through surface radical chain-transfer polymerization and aqueous anion-exchange. *Materials Letters*, **2010**, 64, 1653-1655	3.3	37
130	A novel green approach for the chemical modification of silica particles based on deep eutectic solvents. *Chemical Communications*, **2015**, 51, 9825-8	5.8	36
129	Polyanionic and polyzwitterionic azobenzene ionic liquid-functionalized silica materials and their chromatographic applications. *Chemical Communications*, **2013**, 49, 2454-6	5.8	36
128	1-Hexadecyl-3-methylimidazolium Ionic Liquid as a New Cationic Surfactant for Separation of Phenolic Compounds by MEKC. *Chromatographia*, **2009**, 69, 1093-1096	2.1	36
127	Preparation and evaluation of 2-methylimidazolium-functionalized silica as a mixed-mode stationary phase for hydrophilic interaction and anion-exchange chromatography. *Journal of Chromatography A*, **2016**, 1468, 79-85	4.5	35
126	A polar-embedded C30 stationary phase: preparation and evaluation. *Journal of Chromatography A*, **2015**, 1388, 133-40	4.5	34
125	Octadecylimidazolium ionic liquid-modified magnetic materials: Preparation, adsorption evaluation and their excellent application for honey and cinnamon. *Food Chemistry*, **2017**, 229, 208-214	8.5	32
124	Recent progress in nanomaterial-enhanced fluorescence polarization/anisotropy sensors. *Chinese Chemical Letters*, **2019**, 30, 1575-1580	8.1	32
123	Polyethyleneimine-functionalized carbon dots and their precursor co-immobilized on silica for hydrophilic interaction chromatography. *Journal of Chromatography A*, **2019**, 1597, 142-148	4.5	32
122	Solid-phase extraction of flavonoids in honey samples using carbamate-embedded triacontyl-modified silica sorbent. *Food Chemistry*, **2016**, 204, 56-61	8.5	32
121	A facile and specific approach to new liquid chromatography adsorbents obtained by ionic self-assembly. *Chemistry - A European Journal*, **2011**, 17, 7288-97	4.8	32
120	A SiO NP-DNA/silver nanocluster sandwich structure-enhanced fluorescence polarization biosensor for amplified detection of hepatitis B virus DNA. *Journal of Materials Chemistry B*, **2015**, 3, 964-967	7.3	31
119	Silica grafted with silanized carbon dots as a nano-on-micro packing material with enhanced hydrophilic selectivity. *Mikrochimica Acta*, **2017**, 184, 2629-2636	5.8	30

118	A review on the use of ionic liquids in preparation of molecularly imprinted polymers for applications in solid-phase extraction. *TrAC - Trends in Analytical Chemistry*, **2021**, 134, 116132	14.6	30
117	Fabrication of nanoporous graphene/cuprous oxide nanocomposite and its application for chemiluminescence sensing of NADH in human serum and cells. *Sensors and Actuators B: Chemical*, **2019**, 290, 15-22	8.5	28
116	Nanosilica-based molecularly imprinted polymer nanoshell for specific recognition and determination of rhodamine B in red wine and beverages. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2016**, 1029-1030, 230-238	3.2	27
115	Fabrication of chemiluminescence resonance energy transfer platform based on nanomaterial and its application in optical sensing, biological imaging and photodynamic therapy. *TrAC - Trends in Analytical Chemistry*, **2020**, 122, 115747	14.6	27
114	Porous graphene-coated stainless-steel fiber for direct immersion solid-phase microextraction of polycyclic aromatic hydrocarbons. *Analytical Methods*, **2019**, 11, 213-218	3.2	26
113	Anionic and cationic copolymerized ionic liquid-grafted silica as a multifunctional stationary phase for reversed-phase chromatography. *Analytical Methods*, **2014**, 6, 469-475	3.2	26
112	Molecular shape recognition through self-assembled molecular ordering: evaluation with determining architecture and dynamics. *Analytical Chemistry*, **2012**, 84, 6577-85	7.8	26
111	Two-step stacking by sweeping and micelle to solvent stacking using a long-chain cationic ionic liquid surfactant. *Journal of Separation Science*, **2012**, 35, 589-95	3.4	25
110	Spherical □cyclodextrin-silica hybrid materials for multifunctional chiral stationary phases. *Journal of Chromatography A*, **2015**, 1383, 70-8	4.5	25
109	Preparation of Vortex Porous Graphene Chiral Membrane for Enantioselective Separation. *Analytical Chemistry*, **2020**, 92, 13630-13633	7.8	25
108	Novel approach to improve the detection of colchicine via online coupling of ionic liquid-based single-drop microextraction with capillary electrophoresis. *Journal of Separation Science*, **2011**, 34, 594-600	3.4	24
107	Imidazolium ionic liquids-derived carbon dots-modified silica stationary phase for hydrophilic interaction chromatography. *Talanta*, **2020**, 209, 120518	6.2	24
106	A novel off-on fluorescent probe for specific detection and imaging of cysteine in live cells and in vivo. *Chinese Chemical Letters*, **2020**, 31, 133-135	8.1	24
105	Cadmium cobaltite nanosheets synthesized in basic deep eutectic solvents with oxidase-like, peroxidase-like, and catalase-like activities and application in□the colorimetric assay of glucose. *Mikrochimica Acta*, **2020**, 187, 314	5.8	23
104	Surface radical chain-transfer reaction in deep eutectic solvents for preparation of silica-grafted stationary phases in hydrophilic interaction chromatography. *Talanta*, **2017**, 175, 256-263	6.2	23
103	Long-chain alkylimidazolium ionic liquids, a new class of cationic surfactants coated on ODS columns for anion-exchange chromatography. *Journal of Separation Science*, **2008**, 31, 2791-6	3.4	23
102	Magnetic solid-phase extraction of triazole fungicides based on magnetic porous carbon prepared by combustion combined with solvothermal method. *Analytica Chimica Acta*, **2020**, 1129, 85-97	6.6	23
101	Fluorometric dopamine assay based on an energy transfer system composed of aptamer-functionalized MoS quantum dots and MoS nanosheets. *Mikrochimica Acta*, **2019**, 186, 58	5.8	23

100	Graphene quantum dots functionalized Ecyclodextrin and cellulose chiral stationary phases with enhanced enantioseparation performance. *Journal of Chromatography A*, **2019**, 1600, 209-218	4.5	22
99	A new nano-on-micro stationary phase based on nanodiamond bonded on silica for hydrophilic interaction chromatography. *RSC Advances*, **2016**, 6, 32757-32760	3.7	21
98	A novel urea-functionalized surface-confined octadecylimidazolium ionic liquid silica stationary phase for reversed-phase liquid chromatography. *Journal of Chromatography A*, **2014**, 1365, 148-55	4.5	21
97	Comparison of Anion-Exchange and Hydrophobic Interactions between Two New Silica-Based Long-Chain Alkylimidazolium Stationary Phases for LC. *Chromatographia*, **2008**, 68, 167-171	2.1	21
96	Basic deep eutectic solvents as reactant, template and solvents for ultra-fast preparation of transition metal oxide nanomaterials. *Chinese Chemical Letters*, **2020**, 31, 1584-1587	8.1	21
95	Carbon dots in sample preparation and chromatographic separation: Recent advances and future prospects. *TrAC - Trends in Analytical Chemistry*, **2021**, 134, 116135	14.6	21
94	Graphene Oxide/Ag Nanoparticles Cooperated with Simvastatin as a High Sensitive X-Ray Computed Tomography Imaging Agent for Diagnosis of Renal Dysfunctions. *Advanced Healthcare Materials*, **2017**, 6, 1700413	10.1	20
93	A new strategy for the preparation of mixed-mode chromatographic stationary phases based on modified dialdehyde cellulose. *Journal of Chromatography A*, **2020**, 1618, 460885	4.5	20
92	Preparation and characterization of dipyridine modified hybrid-silica monolithic column for mixed-mode capillary electrochromatography. *RSC Advances*, **2013**, 3, 7894	3.7	20
91	Preparation and chromatographic evaluation of new branch-type diamide-embedded octadecyl stationary phase with enhanced shape selectivity. *Analytica Chimica Acta*, **2014**, 833, 48-55	6.6	20
90	Imidazolium ionic liquid-enhanced poly(quinine)-modified silica as a new multi-mode chromatographic stationary phase for separation of achiral and chiral compounds. *Talanta*, **2020**, 211, 120743	6.2	20
89	Solid membranes for chiral separation: A review. *Chemical Engineering Journal*, **2021**, 410, 128247	14.7	20
88	Covalent organic nanospheres: facile preparation and application in high-resolution gas chromatographic separation. *Chemical Communications*, **2019**, 55, 10908-10911	5.8	19
87	Molecular-shape selectivity by molecular gel-forming compounds: bioactive and shape-constrained isomers through the integration and orientation of weak interaction sites. *Chemical Communications*, **2011**, 47, 10341-3	5.8	19
86	Preparation of mesoporous silica materials functionalized with various amino-ligands and investigation of adsorption performances on aromatic acids. *Chemical Engineering Journal*, **2020**, 379, 122405	14.7	19
85	High molecular-shape-selective stationary phases for reversed-phase liquid chromatography: A review. *TrAC - Trends in Analytical Chemistry*, **2018**, 108, 381-404	14.6	19
84	Glucose-based carbon dots-modified silica stationary phase for hydrophilic interaction chromatography. *Journal of Chromatography A*, **2020**, 1619, 460930	4.5	18
83	Effect of Ionic Liquids as Additives on the Separation of Bases and Amino Acids in HPLC. *Journal of Liquid Chromatography and Related Technologies*, **2008**, 31, 1448-1457	1.3	18

82	Chiral Fluorescent Silicon Nanoparticles for Aminopropanol Enantiomer: Fluorescence Discrimination and Mechanism Identification. *Analytical Chemistry*, **2020**, 92, 3949-3957	7.8	17
81	Highly sensitive and visual detection of guanosine 3'-diphosphate-5'-di(tri)phosphate (ppGpp) in bacteria based on copper ions-mediated 4-mercaptobenzoic acid modified gold nanoparticles. *Analytica Chimica Acta*, **2018**, 1023, 89-95	6.6	17
80	Nitrogen-doping to enhance the separation selectivity of glucose-based carbon dots-modified silica stationary phase for hydrophilic interaction chromatography. *Talanta*, **2020**, 218, 121140	6.2	16
79	A versatile polar-embedded polyphenyl phase for multimodal separation in liquid chromatography. *Journal of Chromatography A*, **2018**, 1553, 81-89	4.5	16
78	A WS nanosheet-based nanosensor for the ultrasensitive detection of small molecule-protein interaction via terminal protection of small molecule-linked DNA and Nt.BstNBI-assisted recycling amplification. *Journal of Materials Chemistry B*, **2016**, 4, 5161-5166	7.3	16
77	Poly(itaconic acid)-grafted silica stationary phase prepared in deep eutectic solvents and its unique performance in hydrophilic interaction chromatography. *Talanta*, **2019**, 191, 265-271	6.2	16
76	Deep eutectic solvents-assisted synthesis of ZnCoO nanosheets as peroxidase-like nanozyme and its application in colorimetric logic gate. *Talanta*, **2021**, 222, 121680	6.2	16
75	Preparation and applications of cellulose-functionalized chiral stationary phases: A review. *Talanta*, **2021**, 225, 121987	6.2	16
74	Nitrogen-doped nanoporous graphene induced by a multiple confinement strategy for membrane separation of rare earth. *IScience*, **2021**, 24, 101920	6.1	16
73	Solid/liquid phase microextraction of five bisphenol-type endocrine disrupting chemicals by using a hollow fiber reinforced with graphene oxide nanoribbons, and determination by HPLC-PDA. *Mikrochimica Acta*, **2019**, 186, 375	5.8	15
72	Highly Selective Separation of Rare Earth Elements by Zn-BTC Metal-Organic Framework/Nanoporous Graphene Green Synthesis. *Analytical Chemistry*, **2021**, 93, 1732-1739	7.8	15
71	Two copolymer-grafted silica stationary phases prepared by surface thiol-ene click reaction in deep eutectic solvents for hydrophilic interaction chromatography. *Journal of Chromatography A*, **2020**, 1609, 460446	4.5	15
70	Monodisperse core-shell-structured SiO@GdO:Eu@SiO@MIP nanospheres for specific identification and fluorescent determination of carbaryl in green tea. *Analytical and Bioanalytical Chemistry*, **2019**, 411, 4221-4229	4.4	14
69	Glucaminium ionic liquid-functionalized stationary phase for the separation of nucleosides in hydrophilic interaction chromatography. *Analytical and Bioanalytical Chemistry*, **2015**, 407, 7667-72	4.4	14
68	A phenylenediamine-based carbon dot-modified silica stationary phase for hydrophilic interaction chromatography. *Analyst, The*, **2020**, 145, 1056-1061	5	14
67	A new highly Zn2+-selective and □ff□n□fluorescent chemosensor based on the pyrene group. *Analytical Methods*, **2015**, 7, 8172-8176	3.2	13
66	Deep eutectic solvent-assisted facile synthesis of copper hydroxide nitrate nanosheets as recyclable enzyme-mimicking colorimetric sensor of biothiols. *Analytical and Bioanalytical Chemistry* , **2020**, 412, 4629-4638	4.4	13
65	Determination of inorganic anions in saliva by electroosmotic flow controlled counterflow isotachophoretic stacking under field-amplified sample injection. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2013**, 935, 75-9	3.2	13

64	Highly selective coextraction of rhodamine B and dibenzyl phthalate based on high-density dual-template imprinted shells on silica microparticles. *Journal of Separation Science*, **2017**, 40, 506-513	3.4	12
63	Homogenous formation and quaternization of urea-functionalized imidazolyl silane and its immobilization on silica for surface-confined ionic liquid stationary phases. *RSC Advances*, **2014**, 4, 34654-34658	3.7	11
62	A new route for synthesis of N-methylimidazolium-grafted silica stationary phase and reevaluation in hydrophilic interaction liquid chromatography. *Talanta*, **2017**, 164, 137-140	6.2	11
61	Strategic achievement for the baseline separation of tocopherol isomers by integration of weak interaction sites on alternating copolymer. *Analytical Methods*, **2011**, 3, 1277	3.2	11
60	Facile and sensitive S1 endonuclease activity and inhibition assay using positively-charged Ag nanorods. *Chinese Chemical Letters*, **2019**, 30, 541-544	8.1	11
59	Preparation of porous carbon nanomaterials and their application in sample preparation: A review. *TrAC - Trends in Analytical Chemistry*, **2021**, 143, 116421	14.6	11
58	Porous graphene synthesized by partial combustion for high-performance supercapacitors. *Materials Letters*, **2019**, 252, 345-348	3.3	10
57	Magnetic graphene oxide decorated with chitosan and Au nanoparticles: synthesis, characterization and application for detection of trace rhodamine B. *Analytical Methods*, **2019**, 11, 3837-3843	3.2	10
56	Selective recognition and discrimination of water-soluble azo dyes by a seven-channel molecularly imprinted polymer sensor array. *Journal of Separation Science*, **2014**, 37, 2764-70	3.4	10
55	Selectivity enhancement for the separation of tocopherols and steroids by integration of highly ordered weak interaction sites along the polymer main chain. *Analytical and Bioanalytical Chemistry*, **2012**, 404, 229-38	4.4	10
54	Determination of four trace preservatives in street food by ionic liquid-based dispersive liquid-liquid micro-extraction. *Chemical Papers*, **2011**, 65,	1.9	10
53	Highly discriminative fluorometric sensor based on luminescent covalent organic nanospheres for tyrosinase activity monitoring and inhibitor screening. *Sensors and Actuators B: Chemical*, **2020**, 305, 127386	8.5	10
52	Silica-Based Phenyl and Octyl Bifunctional Imidazolium as a New Mixed-Mode Stationary Phase for Reversed-Phase and Anion-Exchange Chromatography. *Chromatographia*, **2016**, 79, 1437-1443	2.1	10
51	An embryo of protocells: The capsule of graphene with selective ion channels. *Scientific Reports*, **2015**, 5, 10258	4.9	9
50	A novel imidazolium-based organic–silica hybrid monolith for per aqueous capillary electrochromatography. *RSC Advances*, **2014**, 4, 25819	3.7	9
49	A remarkable enhancement of selectivity towards versatile analytes by a strategically integrated H-bonding site containing phase. *Chemical Communications*, **2015**, 51, 14243-6	5.8	8
48	Supported nanohydroxyapatite on anodized titanium wire for solid-phase microextraction. *Analytical and Bioanalytical Chemistry*, **2014**, 406, 2163-70	4.4	8
47	Isolation and identification of chemical constituents from the bacterium Bacillus sp. and their nematicidal activities. *Journal of Basic Microbiology*, **2015**, 55, 1239-44	2.7	8

46	Preparation of quercetin imprinted core‐shell organosilicate microspheres using surface imprinting technique. *Chinese Chemical Letters*, **2012**, 23, 615-618	8.1	8
45	Molecular-shape selective high-performance liquid chromatography: stabilization effect of polymer main chain by alternating copolymerization. *Journal of Chromatography A*, **2012**, 1232, 183-9	4.5	8
44	Design and evaluation of polar-embedded stationary phases containing triacontyl group for liquid chromatography. *Journal of Chromatography A*, **2020**, 1621, 461035	4.5	8
43	Advances and prospects on acid phosphatase biosensor. *Biosensors and Bioelectronics*, **2020**, 170, 112671	11.8	8
42	Octadecylamine and glucose-coderived hydrophobic carbon dots-modified porous silica for chromatographic separation. *Chinese Chemical Letters*, **2021**, 32, 3398-3398	8.1	8
41	Metal-Organic Framework-Intercalated Graphene Oxide Membranes for Selective Separation of Uranium. *Analytical Chemistry*, **2021**, 93, 16175-16183	7.8	7
40	Recent advances in selective separation technologies of rare earth elements: a review. *Journal of Environmental Chemical Engineering*, **2022**, 10, 107104	6.8	7
39	Design of GO-Ag-functionalized FeO@CS composite for magnetic adsorption of rhodamine B.. *RSC Advances*, **2019**, 9, 30125-30133	3.7	7
38	Octadecylimidazolium ionic liquids-functionalized carbon dots and their precursor co-immobilized silica as hydrophobic chromatographic stationary phase with enhanced shape selectivity. *Talanta*, **2021**, 233, 122513	6.2	7
37	Copolymer-grafted silica phase from a cation-anion monomer pair for enhanced separation in reversed-phase liquid chromatography. *Analytical and Bioanalytical Chemistry*, **2014**, 406, 3507-15	4.4	6
36	Monodisperse core‐shell melamine‐formaldehyde polymer-modified silica microspheres prepared using a facile microwave-assisted method. *New Journal of Chemistry*, **2017**, 41, 11517-11520	3.6	6
35	A polysaccharide from Lycium barbarum L.: Structure and protective effects against oxidative stress and high-glucose-induced apoptosis in ARPE-19 cells.. *International Journal of Biological Macromolecules*, **2021**, 201, 111-111	7.9	6
34	Preparation of Fe/Ni Bimetallic Oxide Porous Graphene Composite Materials for Efficient Adsorption and Removal of Sulfonamides. *Langmuir*, **2021**, 37, 12242-12253	4	6
33	A review on optical sensors based on layered double hydroxides nanoplatforms. *Mikrochimica Acta*, **2021**, 188, 80	5.8	6
32	Tuning selectivity via electronic interaction: Preparation and systematic evaluation of serial polar-embedded aryl stationary phases bearing large polycyclic aromatic hydrocarbons. *Analytica Chimica Acta*, **2018**, 1036, 162-171	6.6	6
31	Small-Scale Nanoparticles Pyrolyzed from Layered Hydrotalcite between Graphene Interlayers as Intermediates for Self-Assembly into Metal Oxide Nanosheets and Hollow Nanospheres. *ChemNanoMat*, **2020**, 6, 1270-1275	3.5	5
30	Polymer encapsulation and stabilization of molecular gel-based chiroptical information for strong, tunable circularly polarized luminescence film. *Journal of Materials Chemistry C*, **2020**, 8, 8732-8735	7.1	5
29	Preparation and evaluation of biselector bonded-type multifunctional chiral stationary phase based on dialdehyde cellulose and 6-monodeoxy-6-monoamino-β-cyclodextrine derivatives. *Chirality*, **2020**, 32, 387-399	2.1	5

28	Facile preparation of well dispersed uniform, porous carbon microspheres and their use as a new chromatographic adsorbent. *Materials Letters*, **2013**, 105, 144-147	3.3	5
27	Comparison of chromatographic performance of co-grafted silica using octadecene respectively with vinylpyrrolidone, vinylimidazole and vinylpyridine. *Journal of Chromatography A*, **2021**, 1661, 462690	4.5	5
26	Recent developments for the investigation of chiral properties and applications of pillar[5]arenes in analytical chemistry. *TrAC - Trends in Analytical Chemistry*, **2020**, 131, 116026	14.6	5
25	A highly efficient acyl-transfer approach to urea-functionalized silanes and their immobilization onto silica gel as stationary phases for liquid chromatography. *Journal of Chromatography A*, **2020**, 1626, 461366	4.5	5
24	Preparation of Silica-Based Superficially Porous Silica and its Application in Enantiomer Separations: a Review. *Journal of Analysis and Testing*, **2021**, 5, 242-257	3.2	5
23	Anhydride-linked β-cyclodextrin-bonded silica stationary phases with enhanced chiral separation ability in liquid chromatography. *Journal of Chromatography A*, **2021**, 1651, 462338	4.5	5
22	N-Vinyl pyrrolidone and undecylenic acid copolymerized on silica surface as mixed-mode stationary phases for reversed-phase and hydrophilic interaction chromatography. *Journal of Chromatography A*, **2021**, 1655, 462534	4.5	5
21	Fabrication and application of 2,4,6-trinitrophenol sensors based on fluorescent functional materials.. *Journal of Hazardous Materials*, **2021**, 425, 127987	12.8	4
20	A Nanoporous Graphene/Nitrocellulose Membrane Beneficial to Wound Healing.. *ACS Applied Bio Materials*, **2021**, 4, 4522-4531	4.1	4
19	A docosyl-terminated polyamine amphiphile-bonded stationary phase for multimodal separations in liquid chromatography. *Journal of Chromatography A*, **2021**, 1642, 462045	4.5	4
18	Construction of a Carbon Dots/Cobalt Oxyhydroxide Nanoflakes Biosensing Platform for Detection of Acid Phosphatase. *Langmuir*, **2021**, 37, 10529-10537	4	4
17	A new L-lysine derived highly molecular-shape selective organic phase with ordered functional groups for reversed-phase liquid chromatography. *Analytical Methods*, **2014**, 6, 5459	3.2	3
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