Hongdeng Qiu

List of Publications by Year
in descending order

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180	6,634	57631	102304
papers	citations	44 h-index	66 g-index

189	189	189	4692
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	N-Methylimidazolium anion-exchange stationary phase for high-performance liquid chromatography. Journal of Chromatography A, 2006, 1103, 265-270.	1.8	197
2	Effective extraction of flavonoids from Lycium barbarum L. fruits by deep eutectic solvents-based ultrasound-assisted extraction. Talanta, 2019, 203, 16-22.	2.9	156
3	Novel imidazolium stationary phase for high-performance liquid chromatography. Journal of Chromatography A, 2006, 1116, 46-50.	1.8	141
4	Development of silica-based stationary phases for high-performance liquid chromatography. Analytical and Bioanalytical Chemistry, 2011, 399, 3307-3322.	1.9	126
5	Deep eutectic solvents as novel extraction media for phenolic compounds from model oil. Chemical Communications, 2014, 50, 11749-11752.	2.2	121
6	Recent progress and prospects of alkaline phosphatase biosensor based on fluorescence strategy. Biosensors and Bioelectronics, 2020, 148, 111811.	5.3	119
7	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, 63-69.	1.8	113
8	New poly(ionic liquid)-grafted silica multi-mode stationary phase for anion-exchange/reversed-phase/hydrophilic interaction liquid chromatography. Analyst, The, 2012, 137, 2553.	1.7	108
9	Utilization of deep eutectic solvents as novel mobile phase additives for improving the separation of bioactive quaternary alkaloids. Talanta, 2016, 149, 85-90.	2.9	106
10	Enhanced photocatalytic degradation of methyl orange by porous graphene/ZnO nanocomposite. Environmental Pollution, 2019, 249, 801-811.	3.7	106
11	Recent advances of 3D graphene-based adsorbents for sample preparation of water pollutants: A review. Chemical Engineering Journal, 2020, 393, 124691.	6.6	103
12	Preparation and applications of surface-confined ionic-liquid stationary phases for liquid chromatography. TrAC - Trends in Analytical Chemistry, 2014, 53, 60-72.	5.8	99
13	Hemin-functionalized WS₂ nanosheets as highly active peroxidase mimetics for label-free colorimetric detection of H₂O₂ and glucose. Analyst, The, 2015, 140, 2857-2863.	1.7	94
14	Application of deep eutectic solvents in chromatography: A review. TrAC - Trends in Analytical Chemistry, 2019, 120, 115623.	5.8	91
15	Investigation of Ï€â€“Ï€ and ionâ€“dipole interactions on 1-allyl-3-butylimidazolium ionic liquid-modified silica stationary phase in reversed-phase liquid chromatography. Journal of Chromatography A, 2010, 1217, 5190-5196.	1.8	86
16	The development of solid-phase microextraction fibers with metal wires as supporting substrates. TrAC - Trends in Analytical Chemistry, 2013, 46, 44-58.	5.8	85
17	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.	5.8	82
18	A new imidazolium-embedded C18 stationary phase with enhanced performance in reversed-phase liquid chromatography. Analytica Chimica Acta, 2012, 738, 95-101.	2.6	78

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19	New strategy for drastic enhancement of selectivity via chemical modification of counter anions in ionic liquid polymer phase. Chemical Communications, 2010, 46, 8740.	2.2	73
20	Versatile ligands for high-performance liquid chromatography: An overview of ionic liquid-functionalized stationary phases. Analytica Chimica Acta, 2015, 887, 1-16.	2.6	73
21	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.	4.8	73
22	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, 1299-1301.	2.2	71
23	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.	2.6	68
24	Preparation and characterization of silica confined ionic liquids as chromatographic stationary phases through surface radical chain-transfer reaction. Analyst, The, 2009, 134, 460-465.	1.7	67
25	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.	2.8	65
26	Solid membranes for chiral separation: A review. Chemical Engineering Journal, 2021, 410, 128247.	6.6	65
27	Discriminative Detection of Glutathione in Cell Lysates Based on Oxidase-Like Activity of Magnetic Nanoporous Graphene. Analytical Chemistry, 2019, 91, 5004-5010.	3.2	64
28	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.	5.3	63
29	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.	4.8	63
30	Combustion Fabrication of Nanoporous Graphene for Ionic Separation Membranes. Advanced Functional Materials, 2018, 28, 1805026.	7.8	62
31	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.	2.5	58
32	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.	1.9	57
33	Polyethyleneimine-functionalized carbon dots and their precursor co-immobilized on silica for hydrophilic interaction chromatography. Journal of Chromatography A, 2019, 1597, 142-148.	1.8	55
34	Octadecylamine and glucose-coderived hydrophobic carbon dots-modified porous silica for chromatographic separation. Chinese Chemical Letters, 2021, 32, 3398-3401.	4.8	55
35	Preparation of porous carbon nanomaterials and their application in sample preparation: A review. TrAC - Trends in Analytical Chemistry, 2021, 143, 116421.	5.8	55
36	Carbon dots in sample preparation and chromatographic separation: Recent advances and future prospects. TrAC - Trends in Analytical Chemistry, 2021, 134, 116135.	5.8	53

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37	Progress in stationary phases modified with carbonaceous nanomaterials for high-performance liquid chromatography. TrAC - Trends in Analytical Chemistry, 2015, 65, 107-121.	5.8	52
38	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.	4.8	52
39	A novel green approach for the chemical modification of silica particles based on deep eutectic solvents. Chemical Communications, 2015, 51, 9825-9828.	2.2	51
40	Deep eutectic solvent-based liquid-phase microextraction for detection of plant growth regulators in edible vegetable oils. Analytical Methods, 2016, 8, 3511-3516.	1.3	49
41	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.	4.8	49
42	Novel imidazolium-embedded and imidazolium-spaced octadecyl stationary phases for reversed phase liquid chromatography. Talanta, 2014, 126, 177-184.	2.9	48
43	Recent advances in selective separation technologies of rare earth elements: a review. Journal of Environmental Chemical Engineering, 2022, 10, 107104.	3.3	48
44	Design of C₁₈ Organic Phases with Multiple Embedded Polar Groups for Ultraversatile Applications with Ultrahigh Selectivity. Analytical Chemistry, 2015, 87, 6614-6621.	3.2	47
45	Highly Selective Separation of Rare Earth Elements by Zn-BTC Metalâ€“Organic Framework/Nanoporous Graphene via In Situ Green Synthesis. Analytical Chemistry, 2021, 93, 1732-1739.	3.2	47
46	Selective Separation of Metal Ions via Monolayer Nanoporous Graphene with Carboxyl Groups. Analytical Chemistry, 2016, 88, 10002-10010.	3.2	45
47	Poly(1-allylimidazole)-grafted silica, a new specific stationary phase for reversed-phase and anion-exchange liquid chromatography. Journal of Chromatography A, 2009, 1216, 3904-3909.	1.8	44
48	A Sulfonicâ€Azobenzeneâ€Grafted Silica Amphiphilic Material: A Versatile Stationary Phase for Mixedâ€Mode Chromatography. Chemistry - A European Journal, 2013, 19, 18004-18010.	1.7	44
49	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.	1.8	44
50	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.	5.8	44
51	A SiO₂ NPâ€“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.	2.9	43
52	Multi-mode application of graphene quantum dots bonded silica stationary phase for high performance liquid chromatography. Journal of Chromatography A, 2017, 1492, 61-69.	1.8	43
53	Imidazolium ionic liquids-derived carbon dots-modified silica stationary phase for hydrophilic interaction chromatography. Talanta, 2020, 209, 120518.	2.9	43
54	A polar-embedded C30 stationary phase: Preparation and evaluation. Journal of Chromatography A, 2015, 1388, 133-140.	1.8	42

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55	Octadecylimidazolium ionic liquid-modified magnetic materials: Preparation, adsorption evaluation and their excellent application for honey and cinnamon. Food Chemistry, 2017, 229, 208-214.	4.2	42
56	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.	2.6	42
57	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.	2.9	42
58	Preparation of Vortex Porous Graphene Chiral Membrane for Enantioselective Separation. Analytical Chemistry, 2020, 92, 13630-13633.	3.2	41
59	Cadmium cobaltite nanosheets synthesized in basic deep eutectic solvents with oxidase-like, peroxidase-like, and catalase-like activities and application inÂthe colorimetric assay of glucose. Mikrochimica Acta, 2020, 187, 314.	2.5	41
60	Chiral Fluorescent Silicon Nanoparticles for Aminopropanol Enantiomer: Fluorescence Discrimination and Mechanism Identification. Analytical Chemistry, 2020, 92, 3949-3957.	3.2	41
61	Polyanionic and polyzwitterionic azobenzene ionic liquid-functionalized silica materials and their chromatographic applications. Chemical Communications, 2013, 49, 2454.	2.2	40
62	Solid-phase extraction of flavonoids in honey samples using carbamate-embedded triacontyl-modified silica sorbent. Food Chemistry, 2016, 204, 56-61.	4.2	40
63	Preparation and applications of cellulose-functionalized chiral stationary phases: A review. Talanta, 2021, 225, 121987.	2.9	40
64	Enhancement of molecular shape selectivity by in situ anion-exchange in poly(octadecylimidazolium) silica column. Journal of Chromatography A, 2012, 1232, 116-122.	1.8	39
65	Recent progress in nanomaterial-enhanced fluorescence polarization/anisotropy sensors. Chinese Chemical Letters, 2019, 30, 1575-1580.	4.8	39
66	Silica grafted with silanized carbon dots as a nano-on-micro packing material with enhanced hydrophilic selectivity. Mikrochimica Acta, 2017, 184, 2629-2636.	2.5	38
67	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.	4.0	38
68	1-Hexadecyl-3-methylimidazolium Ionic Liquid as a New Cationic Surfactant for Separation of Phenolic Compounds by MEKC. Chromatographia, 2009, 69, 1093-1096.	0.7	37
69	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.	1.3	37
70	A Facile and Specific Approach to New Liquid Chromatography Adsorbents Obtained by Ionic Selfâ€Assembly. Chemistry - A European Journal, 2011, 17, 7288-7297.	1.7	37
71	Graphene quantum dots functionalized Î²-cyclodextrin and cellulose chiral stationary phases with enhanced enantioseparation performance. Journal of Chromatography A, 2019, 1600, 209-218.	1.8	37
72	Deep eutectic solvents-assisted synthesis of ZnCo2O4 nanosheets as peroxidase-like nanozyme and its application in colorimetric logic gate. Talanta, 2021, 222, 121680.	2.9	35

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73	High molecular-shape-selective stationary phases for reversed-phase liquid chromatography: A review. TrAC - Trends in Analytical Chemistry, 2018, 108, 381-404.	5.8	34
74	Fluorometric dopamine assay based on an energy transfer system composed of aptamer-functionalized MoS2 quantum dots and MoS2 nanosheets. Mikrochimica Acta, 2019, 186, 58.	2.5	34
75	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.	4.8	34
76	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.	2.9	33
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.	2.9	32
78	Preparation of mesoporous silica materials functionalized with various amino-ligands and investigation of adsorption performances on aromatic acids. Chemical Engineering Journal, 2020, 379, 122405.	6.6	32
79	Fabrication and application of 2,4,6-trinitrophenol sensors based on fluorescent functional materials. Journal of Hazardous Materials, 2022, 425, 127987.	6.5	32
80	Molecular Shape Recognition through Self-Assembled Molecular Ordering: Evaluation with Determining Architecture and Dynamics. Analytical Chemistry, 2012, 84, 6577-6585.	3.2	31
81	Spherical Î²-cyclodextrin-silica hybrid materials for multifunctional chiral stationary phases. Journal of Chromatography A, 2015, 1383, 70-78.	1.8	31
82	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.	1.2	31
83	Covalent organic nanospheres: facile preparation and application in high-resolution gas chromatographic separation. Chemical Communications, 2019, 55, 10908-10911.	2.2	31
84	Metalâ€“Organic Framework-Intercalated Graphene Oxide Membranes for Selective Separation of Uranium. Analytical Chemistry, 2021, 93, 16175-16183.	3.2	31
85	Anionic and cationic copolymerized ionic liquid-grafted silica as a multifunctional stationary phase for reversed-phase chromatography. Analytical Methods, 2014, 6, 469-475.	1.3	30
86	Glucose-based carbon dots-modified silica stationary phase for hydrophilic interaction chromatography. Journal of Chromatography A, 2020, 1619, 460930.	1.8	30
87	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, 2022, 201, 111-120.	3.6	30
88	Graphene Oxide/Ag Nanoparticles Cooperated with Simvastatin as a High Sensitive Xâ€Ray Computed Tomography Imaging Agent for Diagnosis of Renal Dysfunctions. Advanced Healthcare Materials, 2017, 6, 1700413.	3.9	29
89	Porous graphene-coated stainless-steel fiber for direct immersion solid-phase microextraction of polycyclic aromatic hydrocarbons. Analytical Methods, 2019, 11, 213-218.	1.3	29
90	Nitrogen-doping to enhance the separation selectivity of glucose-based carbon dots-modified silica stationary phase for hydrophilic interaction chromatography. Talanta, 2020, 218, 121140.	2.9	29

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91	A new strategy for the preparation of mixed-mode chromatographic stationary phases based on modified dialdehyde cellulose. Journal of Chromatography A, 2020, 1618, 460885.	1.8	28
92	Novel approach to improve the detection of colchicine via online coupling of ionic liquidâ€based singleâ€drop microextraction with capillary electrophoresis. Journal of Separation Science, 2011, 34, 594-600.	1.3	27
93	A novel urea-functionalized surface-confined octadecylimidazolium ionic liquid silica stationary phase for reversed-phase liquid chromatography. Journal of Chromatography A, 2014, 1365, 148-155.	1.8	27
94	Twoâ€step stacking by sweeping and micelle to solvent stacking using a longâ€chain cationic ionic liquid surfactant. Journal of Separation Science, 2012, 35, 589-595.	1.3	26
95	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.	2.9	26
96	Preparation of Fe/Ni Bimetallic Oxide Porous Graphene Composite Materials for Efficient Adsorption and Removal of Sulfonamides. Langmuir, 2021, 37, 12242-12253.	1.6	26
97	Acetylcholinesterase Activity Monitoring and Natural Anti-neurological Disease Drug Screening via Rational Design of Deep Eutectic Solvents and CeO₂-Co(OH)₂ Nanosheets. Analytical Chemistry, 2022, 94, 5970-5979.	3.2	26
98	Preparation and chromatographic evaluation of new branch-type diamide-embedded octadecyl stationary phase with enhanced shape selectivity. Analytica Chimica Acta, 2014, 833, 48-55.	2.6	25
99	A new nano-on-micro stationary phase based on nanodiamond bonded on silica for hydrophilic interaction chromatography. RSC Advances, 2016, 6, 32757-32760.	1.7	25
100	A phenylenediamine-based carbon dot-modified silica stationary phase for hydrophilic interaction chromatography. Analyst, The, 2020, 145, 1056-1061.	1.7	25
101	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.	1.9	25
102	Longâ€chain alkylimidazolium ionic liquids, a new class of cationic surfactants coated on ODS columns for anionâ€exchange chromatography. Journal of Separation Science, 2008, 31, 2791-2796.	1.3	24
103	Comparison of Anion-Exchange and Hydrophobic Interactions between Two New Silica-Based Long-Chain Alkylimidazolium Stationary Phases for LC. Chromatographia, 2008, 68, 167-171.	0.7	24
104	A versatile polar-embedded polyphenyl phase for multimodal separation in liquid chromatography. Journal of Chromatography A, 2018, 1553, 81-89.	1.8	24
105	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.	1.8	24
106	Nitrogen-doped nanoporous graphene induced by a multiple confinement strategy for membrane separation of rare earth. IScience, 2021, 24, 101920.	1.9	24
107	A review on optical sensors based on layered double hydroxides nanoplatforms. Mikrochimica Acta, 2021, 188, 80.	2.5	24
108	Advances and prospects on acid phosphatase biosensor. Biosensors and Bioelectronics, 2020, 170, 112671.	5.3	23

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109	Discriminative Detection of Dopamine and Tyrosinase Based on Polydopamine Dots Triggered by Fenton-like Activity of Mn₃O₄ Nanoparticles. ACS Applied Nano Materials, 2021, 4, 2820-2827.	2.4	23
110	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.	2.2	22
111	Synthesis strategies of covalent organic frameworks: An overview from nonconventional heating methods and reaction media. Green Energy and Environment, 2023, 8, 1596-1618.	4.7	22
112	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.	0.5	21
113	Preparation and characterization of dipyridine modified hybrid-silica monolithic column for mixed-mode capillary electrochromatography. RSC Advances, 2013, 3, 7894.	1.7	20
114	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.	2.5	20
115	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.	5.8	20
116	Anhydride-linked Î²-cyclodextrin-bonded silica stationary phases with enhanced chiral separation ability in liquid chromatography. Journal of Chromatography A, 2021, 1651, 462338.	1.8	20
117	Selective Adsorption of Rare Earth Elements by Zn-BDC MOF/Graphene Oxide Nanocomposites Synthesized via In Situ Interlayer-Confined Strategy. Industrial & Engineering Chemistry Research, 2022, 61, 1841-1849.	1.8	19
118	In situ synthesis of a GO/COFs composite with enhanced adsorption performance for organic pollutants in water. Environmental Science: Nano, 2022, 9, 554-567.	2.2	19
119	Fluorescent determination of cysteine and homocysteine via adjustable synthesis of flower-shaped covalent organic frameworks. Sensors and Actuators B: Chemical, 2022, 359, 131555.	4.0	19
120	Kadsura-Shaped Covalentâ€“Organic Framework Nanostructures for the Sensitive Detection and Removal of 2,4,6-Trinitrophenol. ACS Applied Nano Materials, 2022, 5, 6422-6429.	2.4	19
121	A new highly Zn²⁺-selective and â€œoffâ€“onâ€•fluorescent chemosensor based on the pyrene group. Analytical Methods, 2015, 7, 8172-8176.	1.3	18
122	Glucaminium ionic liquid-functionalized stationary phase for the separation of nucleosides in hydrophilic interaction chromatography. Analytical and Bioanalytical Chemistry, 2015, 407, 7667-7672.	1.9	18
123	Highly sensitive and visual detection of guanosine 3â€²-diphosphate-5â€²-di(tri)phosphate (ppGpp) in bacteria based on copper ions-mediated 4-mercaptobenzoic acid modified gold nanoparticles. Analytica Chimica Acta, 2018, 1023, 89-95.	2.6	18
124	Preparation of Silica-Based Superficially Porous Silica and its Application in Enantiomer Separations: a Review. Journal of Analysis and Testing, 2021, 5, 242-257.	2.5	18
125	A WS₂ nanosheet-based nanosensor for the ultrasensitive detection of small moleculeâ€“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.	2.9	17
126	Bimetallic nitrogen-doped porous graphene for highly efficient magnetic solid phase extraction of 5-nitroimidazoles in environmental water. Analytica Chimica Acta, 2022, 1203, 339698.	2.6	17

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127	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, 75-79.	1.2	16
128	Monodisperse core-shell-structured SiO2@Gd2O3:Eu3+@SiO2@MIP nanospheres for specific identification and fluorescent determination of carbaryl in green tea. Analytical and Bioanalytical Chemistry, 2019, 411, 4221-4229.	1.9	16
129	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.	4.0	16
130	Deep Eutectic Solvent-Mediated Synthesis of Bullet-Shaped Cerium Zinc Oxide and Sheet-Like Cerium Zinc Hydroxide Nitrate: Colorimetric and Fluorometric Detection of Pyrophosphate Ions. ACS Sustainable Chemistry and Engineering, 2021, 9, 15147-15156.	3.2	16
131	Chiral pillar[5]arene-functionalized silica microspheres: synthesis, characterization and enantiomer separation. Chemical Communications, 2022, 58, 3362-3365.	2.2	16
132	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.	1.7	15
133	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.	1.8	15
134	Design and evaluation of polar-embedded stationary phases containing triacontyl group for liquid chromatography. Journal of Chromatography A, 2020, 1621, 461035.	1.8	15
135	Determination of four trace preservatives in street food by ionic liquid-based dispersive liquid-liquid micro-extraction. Chemical Papers, 2011, 65, .	1.0	14
136	Highly selective coextraction of rhodamine B and dibenzyl phthalate based on highâ€density dualâ€template imprinted shells on silica microparticles. Journal of Separation Science, 2017, 40, 506-513.	1.3	14
137	Preparation and evaluation of two silica-based hydrophilic-hydrophobic and acid-base balanced stationary phases via in-situ surface polymerization. Journal of Chromatography A, 2022, 1667, 462912.	1.8	14
138	Isolation and identification of chemical constituents from the bacterium Bacillus sp. and their nematicidal activities. Journal of Basic Microbiology, 2015, 55, 1239-1244.	1.8	13
139	A new route for synthesis of N-methylimidazolium-grafted silica stationary phase and reevaluation in hydrophilic interaction liquid chromatography. Talanta, 2017, 164, 137-140.	2.9	13
140	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.	2.6	13
141	Construction of a Carbon Dots/Cobalt Oxyhydroxide Nanoflakes Biosensing Platform for Detection of Acid Phosphatase. Langmuir, 2021, 37, 10529-10537.	1.6	13
142	Synthesis of octadecylamine-derived carbon dots and application in reversed phase/hydrophilic interaction liquid chromatography. Journal of Chromatography A, 2021, 1656, 462548.	1.8	13
143	A turn-on fluorescent probe via substitution-rearrangement for highly sensitive and discriminative detection of cysteine and its imaging in living cells. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 266, 120409.	2.0	13
144	Strategic achievement for the baseline separation of tocopherol isomers by integration of weak interaction sites on alternating copolymer. Analytical Methods, 2011, 3, 1277.	1.3	12

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145	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.	1.3	12
146	Facile and sensitive S1 endonuclease activity and inhibition assay using positively-charged Ag nanorods. Chinese Chemical Letters, 2019, 30, 541-544.	4.8	12
147	Photocatalytic degradation of tetracycline based on the highly reactive interface between graphene nanopore and TiO2 nanoparticles. Microporous and Mesoporous Materials, 2022, 338, 111958.	2.2	12
148	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, 229-238.	1.9	11
149	Selective recognition and discrimination of water-soluble azo dyes by a seven-channel molecularly imprinted polymer sensor array. Journal of Separation Science, 2014, 37, 2764-2770.	1.3	11
150	An embryo of protocells: The capsule of graphene with selective ion channels. Scientific Reports, 2015, 5, 10258.	1.6	11
151	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.	1.8	11
152	Preparation of quercetin imprinted coreâ€“shell organosilicate microspheres using surface imprinting technique. Chinese Chemical Letters, 2012, 23, 615-618.	4.8	10
153	Molecular-shape selective high-performance liquid chromatography: Stabilization effect of polymer main chain by alternating copolymerization. Journal of Chromatography A, 2012, 1232, 183-189.	1.8	10
154	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.	0.7	10
155	Porous graphene synthesized by partial combustion for high-performance supercapacitors. Materials Letters, 2019, 252, 345-348.	1.3	10
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