

# Hongdeng Qiu

## List of Publications by Year in Descending Order

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**Version:** 2024-04-25

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Selective Adsorption of Rare Earth Elements by Zn-BDC MOF/Graphene Oxide Nanocomposites Synthesized via In Situ Interlayer-Confined Strategy. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2022</b> , 61, 1841-1849	3.9	0
170	Fluorescent determination of cysteine and homocysteine via adjustable synthesis of flower-shaped covalent organic frameworks. <i>Sensors and Actuators B: Chemical</i> , <b>2022</b> , 359, 131555	8.5	0
169	Recent advances in selective separation technologies of rare earth elements: a review. <i>Journal of Environmental Chemical Engineering</i> , <b>2022</b> , 10, 107104	6.8	7
168	A turn-on fluorescent probe via substitution-rearrangement for highly sensitive and discriminative detection of cysteine and its imaging in living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2022</b> , 266, 120409	4.4	2
167	Preparation and evaluation of two silica-based hydrophilic-hydrophobic and acid-base balanced stationary phases via in-situ surface polymerization.. <i>Journal of Chromatography A</i> , <b>2022</b> , 1667, 462912	4.5	0
166	Bimetallic nitrogen-doped porous graphene for highly efficient magnetic solid phase extraction of 5-nitroimidazoles in environmental water.. <i>Analytica Chimica Acta</i> , <b>2022</b> , 1203, 339698	6.6	2
165	Photocatalytic degradation of tetracycline based on the highly reactive interface between graphene nanopore and TiO <sub>2</sub> nanoparticles. <i>Microporous and Mesoporous Materials</i> , <b>2022</b> , 338, 111958	5.3	1
164	A carbonylative coupling approach to alkyl stationary phases with variable embedded carbamate groups for high-performance liquid chromatography. <i>Journal of Chromatography A</i> , <b>2021</b> , 1661, 462718	4.5	2
163	Comparison of chromatographic performance of co-grafted silica using octadecene respectively with vinylpyrrolidone, vinylimidazole and vinylpyridine. <i>Journal of Chromatography A</i> , <b>2021</b> , 1661, 462690	4.5	5
162	Metal-Organic Framework-Intercalated Graphene Oxide Membranes for Selective Separation of Uranium. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 16175-16183	7.8	7
161	Fabrication and application of 2,4,6-trinitrophenol sensors based on fluorescent functional materials.. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 425, 127987	12.8	4
160	A polysaccharide from <i>Lycium barbarum</i> L.: Structure and protective effects against oxidative stress and high-glucose-induced apoptosis in ARPE-19 cells.. <i>International Journal of Biological Macromolecules</i> , <b>2021</b> , 201, 111-111	7.9	6
159	Preparation of Fe/Ni Bimetallic Oxide Porous Graphene Composite Materials for Efficient Adsorption and Removal of Sulfonamides. <i>Langmuir</i> , <b>2021</b> , 37, 12242-12253	4	6
158	The potent radioprotective agents: Novel nitronyl nitroxide radical spin-labeled resveratrol derivatives. <i>Fluorophototherapeutics</i> , <b>2021</b> , 155, 105053	3.2	1
157	Highly Selective Separation of Rare Earth Elements by Zn-BTC Metal-Organic Framework/Nanoporous Graphene Green Synthesis. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 1732-1739	7.8	15
156	Preparation of Silica-Based Superficially Porous Silica and its Application in Enantiomer Separations: a Review. <i>Journal of Analysis and Testing</i> , <b>2021</b> , 5, 242-257	3.2	5
155	A Nanoporous Graphene/Nitrocellulose Membrane Beneficial to Wound Healing.. <i>ACS Applied Bio Materials</i> , <b>2021</b> , 4, 4522-4531	4.1	4

154	A docosyl-terminated polyamine amphiphile-bonded stationary phase for multimodal separations in liquid chromatography. <i>Journal of Chromatography A</i> , <b>2021</b> , 1642, 462045	4.5	4
153	Solid membranes for chiral separation: A review. <i>Chemical Engineering Journal</i> , <b>2021</b> , 410, 128247	14.7	20
152	Octadecylamine and glucose-coderived hydrophobic carbon dots-modified porous silica for chromatographic separation. <i>Chinese Chemical Letters</i> , <b>2021</b> , 32, 3398-3398	8.1	8
151	Deep eutectic solvents-assisted synthesis of ZnCoO nanosheets as peroxidase-like nanozyme and its application in colorimetric logic gate. <i>Talanta</i> , <b>2021</b> , 222, 121680	6.2	16
150	Carbon dots in sample preparation and chromatographic separation: Recent advances and future prospects. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2021</b> , 134, 116135	14.6	21
149	A review on the use of ionic liquids in preparation of molecularly imprinted polymers for applications in solid-phase extraction. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2021</b> , 134, 116132	14.6	30
148	Preparation and applications of cellulose-functionalized chiral stationary phases: A review. <i>Talanta</i> , <b>2021</b> , 225, 121987	6.2	16
147	Nitrogen-doped nanoporous graphene induced by a multiple confinement strategy for membrane separation of rare earth. <i>IScience</i> , <b>2021</b> , 24, 101920	6.1	16
146	A review on optical sensors based on layered double hydroxides nanoplateforms. <i>Mikrochimica Acta</i> , <b>2021</b> , 188, 80	5.8	6
145	Discriminative Detection of Dopamine and Tyrosinase Based on Polydopamine Dots Triggered by Fenton-like Activity of Mn3O4 Nanoparticles. <i>ACS Applied Nano Materials</i> , <b>2021</b> , 4, 2820-2827	5.6	3
144	Performance evaluation of silica microspheres functionalized by different amine-ligands for hydrophilic interaction chromatography. <i>Journal of Chromatography A</i> , <b>2021</b> , 1640, 461967	4.5	2
143	Anhydride-linked $\beta$ -cyclodextrin-bonded silica stationary phases with enhanced chiral separation ability in liquid chromatography. <i>Journal of Chromatography A</i> , <b>2021</b> , 1651, 462338	4.5	5
142	Construction of a Carbon Dots/Cobalt Oxyhydroxide Nanoflakes Biosensing Platform for Detection of Acid Phosphatase. <i>Langmuir</i> , <b>2021</b> , 37, 10529-10537	4	4
141	Synthesis of octadecylamine-derived carbon dots and application in reversed phase/hydrophilic interaction liquid chromatography. <i>Journal of Chromatography A</i> , <b>2021</b> , 1656, 462548	4.5	1
140	Octadecylimidazolium ionic liquids-functionalized carbon dots and their precursor co-immobilized silica as hydrophobic chromatographic stationary phase with enhanced shape selectivity. <i>Talanta</i> , <b>2021</b> , 233, 122513	6.2	7
139	Preparation of porous carbon nanomaterials and their application in sample preparation: A review. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2021</b> , 143, 116421	14.6	11
138	N-Vinyl pyrrolidone and undecylenic acid copolymerized on silica surface as mixed-mode stationary phases for reversed-phase and hydrophilic interaction chromatography. <i>Journal of Chromatography A</i> , <b>2021</b> , 1655, 462534	4.5	5
137	Deep eutectic solvent-assisted facile synthesis of copper hydroxide nitrate nanosheets as recyclable enzyme-mimicking colorimetric sensor of biothiols. <i>Analytical and Bioanalytical Chemistry</i> , <b>2020</b> , 412, 4629-4638	4.4	13

136	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. <i>Mikrochimica Acta</i> , <b>2020</b> , 187, 314	5.8	23
135	Small-Scale Nanoparticles Pyrolyzed from Layered Hydrotalcite between Graphene Interlayers as Intermediates for Self-Assembly into Metal Oxide Nanosheets and Hollow Nanospheres. <i>ChemNanoMat</i> , <b>2020</b> , 6, 1270-1275	3.5	5
134	Nitrogen-doping to enhance the separation selectivity of glucose-based carbon dots-modified silica stationary phase for hydrophilic interaction chromatography. <i>Talanta</i> , <b>2020</b> , 218, 121140	6.2	16
133	Polymer encapsulation and stabilization of molecular gel-based chiroptical information for strong, tunable circularly polarized luminescence film. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 8732-8735	7.1	5
132	Recent advances of 3D graphene-based adsorbents for sample preparation of water pollutants: A review. <i>Chemical Engineering Journal</i> , <b>2020</b> , 393, 124691	14.7	54
131	Preparation and evaluation of biselecter bonded-type multifunctional chiral stationary phase based on dialdehyde cellulose and 6-monodeoxy-6-monoamino- $\beta$ -cyclodextrine derivatives. <i>Chirality</i> , <b>2020</b> , 32, 387-399	2.1	5
130	Chiral Fluorescent Silicon Nanoparticles for Aminopropanol Enantiomer: Fluorescence Discrimination and Mechanism Identification. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 3949-3957	7.8	17
129	A new strategy for the preparation of mixed-mode chromatographic stationary phases based on modified dialdehyde cellulose. <i>Journal of Chromatography A</i> , <b>2020</b> , 1618, 460885	4.5	20
128	Glucose-based carbon dots-modified silica stationary phase for hydrophilic interaction chromatography. <i>Journal of Chromatography A</i> , <b>2020</b> , 1619, 460930	4.5	18
127	Design and evaluation of polar-embedded stationary phases containing triacontyl group for liquid chromatography. <i>Journal of Chromatography A</i> , <b>2020</b> , 1621, 461035	4.5	8
126	Imidazolium ionic liquid-enhanced poly(quinine)-modified silica as a new multi-mode chromatographic stationary phase for separation of achiral and chiral compounds. <i>Talanta</i> , <b>2020</b> , 211, 120743	6.2	20
125	Basic deep eutectic solvents as reactant, template and solvents for ultra-fast preparation of transition metal oxide nanomaterials. <i>Chinese Chemical Letters</i> , <b>2020</b> , 31, 1584-1587	8.1	21
124	A phenylenediamine-based carbon dot-modified silica stationary phase for hydrophilic interaction chromatography. <i>Analyst</i> , <b>2020</b> , 145, 1056-1061	5	14
123	Highly discriminative fluorometric sensor based on luminescent covalent organic nanospheres for tyrosinase activity monitoring and inhibitor screening. <i>Sensors and Actuators B: Chemical</i> , <b>2020</b> , 305, 127386	8.5	10
122	Fabrication of chemiluminescence resonance energy transfer platform based on nanomaterial and its application in optical sensing, biological imaging and photodynamic therapy. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2020</b> , 122, 115747	14.6	27
121	Imidazolium ionic liquids-derived carbon dots-modified silica stationary phase for hydrophilic interaction chromatography. <i>Talanta</i> , <b>2020</b> , 209, 120518	6.2	24
120	Fabrication of Carbon-Like, $\pi$ -Conjugated Organic Layer on a Nano-Porous Silica Surface. <i>Nanomaterials</i> , <b>2020</b> , 10,	5.4	3
119	Advances and prospects on acid phosphatase biosensor. <i>Biosensors and Bioelectronics</i> , <b>2020</b> , 170, 112671	11.8	8

118	Recent developments for the investigation of chiral properties and applications of pillar[5]arenes in analytical chemistry. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2020</b> , 131, 116026	14.6	5
117	Magnetic solid-phase extraction of triazole fungicides based on magnetic porous carbon prepared by combustion combined with solvothermal method. <i>Analytica Chimica Acta</i> , <b>2020</b> , 1129, 85-97	6.6	23
116	A highly efficient acyl-transfer approach to urea-functionalized silanes and their immobilization onto silica gel as stationary phases for liquid chromatography. <i>Journal of Chromatography A</i> , <b>2020</b> , 1626, 461366	4.5	5
115	Preparation of Vortex Porous Graphene Chiral Membrane for Enantioselective Separation. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 13630-13633	7.8	25
114	A novel off-on fluorescent probe for specific detection and imaging of cysteine in live cells and in vivo. <i>Chinese Chemical Letters</i> , <b>2020</b> , 31, 133-135	8.1	24
113	Recent progress and prospects of alkaline phosphatase biosensor based on fluorescence strategy. <i>Biosensors and Bioelectronics</i> , <b>2020</b> , 148, 111811	11.8	58
112	Two copolymer-grafted silica stationary phases prepared by surface thiol-ene click reaction in deep eutectic solvents for hydrophilic interaction chromatography. <i>Journal of Chromatography A</i> , <b>2020</b> , 1609, 460446	4.5	15
111	Preparation of mesoporous silica materials functionalized with various amino-ligands and investigation of adsorption performances on aromatic acids. <i>Chemical Engineering Journal</i> , <b>2020</b> , 379, 122405	14.7	19
110	Porous graphene-coated stainless-steel fiber for direct immersion solid-phase microextraction of polycyclic aromatic hydrocarbons. <i>Analytical Methods</i> , <b>2019</b> , 11, 213-218	3.2	26
109	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. <i>Mikrochimica Acta</i> , <b>2019</b> , 186, 375	5.8	15
108	Recent progress in nanomaterial-enhanced fluorescence polarization/anisotropy sensors. <i>Chinese Chemical Letters</i> , <b>2019</b> , 30, 1575-1580	8.1	32
107	Porous graphene synthesized by partial combustion for high-performance supercapacitors. <i>Materials Letters</i> , <b>2019</b> , 252, 345-348	3.3	10
106	Monodisperse core-shell-structured SiO@GdO:Eu@SiO@MIP nanospheres for specific identification and fluorescent determination of carbaryl in green tea. <i>Analytical and Bioanalytical Chemistry</i> , <b>2019</b> , 411, 4221-4229	4.4	14
105	Combustion fabrication of magnetic porous carbon as a novel magnetic solid-phase extraction adsorbent for the determination of non-steroidal anti-inflammatory drugs. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1078, 78-89	6.6	43
104	Graphene quantum dots functionalized $\beta$ -cyclodextrin and cellulose chiral stationary phases with enhanced enantioseparation performance. <i>Journal of Chromatography A</i> , <b>2019</b> , 1600, 209-218	4.5	22
103	Effective extraction of flavonoids from <i>Lycium barbarum</i> L. fruits by deep eutectic solvents-based ultrasound-assisted extraction. <i>Talanta</i> , <b>2019</b> , 203, 16-22	6.2	85
102	Discriminative Detection of Glutathione in Cell Lysates Based on Oxidase-Like Activity of Magnetic Nanoporous Graphene. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 5004-5010	7.8	45
101	Fabrication of nanoporous graphene/cuprous oxide nanocomposite and its application for chemiluminescence sensing of NADH in human serum and cells. <i>Sensors and Actuators B: Chemical</i> , <b>2019</b> , 290, 15-22	8.5	28

100	Enhanced photocatalytic degradation of methyl orange by porous graphene/ZnO nanocomposite. <i>Environmental Pollution</i> , <b>2019</b> , 249, 801-811	9.3	65
99	Polyethyleneimine-functionalized carbon dots and their precursor co-immobilized on silica for hydrophilic interaction chromatography. <i>Journal of Chromatography A</i> , <b>2019</b> , 1597, 142-148	4.5	32
98	New deep eutectic solvents composed of crown ether, hydroxide and polyethylene glycol for extraction of non-basic N-compounds. <i>Chinese Chemical Letters</i> , <b>2019</b> , 30, 871-874	8.1	40
97	Application of deep eutectic solvents in chromatography: A review. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2019</b> , 120, 115623	14.6	54
96	Covalent organic nanospheres: facile preparation and application in high-resolution gas chromatographic separation. <i>Chemical Communications</i> , <b>2019</b> , 55, 10908-10911	5.8	19
95	Magnetic graphene oxide decorated with chitosan and Au nanoparticles: synthesis, characterization and application for detection of trace rhodamine B. <i>Analytical Methods</i> , <b>2019</b> , 11, 3837-3843	3.2	10
94	Design of GO-Ag-functionalized FeO@CS composite for magnetic adsorption of rhodamine B.. <i>RSC Advances</i> , <b>2019</b> , 9, 30125-30133	3.7	7
93	Poly(itaconic acid)-grafted silica stationary phase prepared in deep eutectic solvents and its unique performance in hydrophilic interaction chromatography. <i>Talanta</i> , <b>2019</b> , 191, 265-271	6.2	16
92	Porous graphene decorated silica as a new stationary phase for separation of sulfanilamide compounds in hydrophilic interaction chromatography. <i>Chinese Chemical Letters</i> , <b>2019</b> , 30, 863-866	8.1	45
91	Facile and sensitive S1 endonuclease activity and inhibition assay using positively-charged Ag nanorods. <i>Chinese Chemical Letters</i> , <b>2019</b> , 30, 541-544	8.1	11
90	Fluorometric dopamine assay based on an energy transfer system composed of aptamer-functionalized MoS quantum dots and MoS nanosheets. <i>Mikrochimica Acta</i> , <b>2019</b> , 186, 58	5.8	23
89	A versatile polar-embedded polyphenyl phase for multimodal separation in liquid chromatography. <i>Journal of Chromatography A</i> , <b>2018</b> , 1553, 81-89	4.5	16
88	Label-free fluorescence imaging of cytochrome c in living systems and anti-cancer drug screening with nitrogen doped carbon quantum dots. <i>Nanoscale</i> , <b>2018</b> , 10, 5342-5349	7.7	49
87	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. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1023, 89-95	6.6	17
86	Application of deep eutectic solvents in sample preparation. <i>Scientia Sinica Chimica</i> , <b>2018</b> , 48, 1548-1560	1.6	2
85	High molecular-shape-selective stationary phases for reversed-phase liquid chromatography: A review. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2018</b> , 108, 381-404	14.6	19
84	Tuning selectivity via electronic interaction: Preparation and systematic evaluation of serial polar-embedded aryl stationary phases bearing large polycyclic aromatic hydrocarbons. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1036, 162-171	6.6	6
83	Combustion Fabrication of Nanoporous Graphene for Ionic Separation Membranes. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1805026	15.6	49

82	Preparation and characterization of carbon dot-decorated silica stationary phase in deep eutectic solvents for hydrophilic interaction chromatography. <i>Analytical and Bioanalytical Chemistry</i> , <b>2017</b> , 409, 2401-2410	4.4	45
81	Octadecylimidazolium ionic liquid-modified magnetic materials: Preparation, adsorption evaluation and their excellent application for honey and cinnamon. <i>Food Chemistry</i> , <b>2017</b> , 229, 208-214	8.5	32
80	Facile synthesis of enzyme functional metal-organic framework for colorimetric detecting H <sub>2</sub> O <sub>2</sub> and ascorbic acid. <i>Chinese Chemical Letters</i> , <b>2017</b> , 28, 1006-1012	8.1	54
79	Silica grafted with silanized carbon dots as a nano-on-micro packing material with enhanced hydrophilic selectivity. <i>Mikrochimica Acta</i> , <b>2017</b> , 184, 2629-2636	5.8	30
78	Graphene Oxide/Ag Nanoparticles Cooperated with Simvastatin as a High Sensitive X-Ray Computed Tomography Imaging Agent for Diagnosis of Renal Dysfunctions. <i>Advanced Healthcare Materials</i> , <b>2017</b> , 6, 1700413	10.1	20
77	Multi-mode application of graphene quantum dots bonded silica stationary phase for high performance liquid chromatography. <i>Journal of Chromatography A</i> , <b>2017</b> , 1492, 61-69	4.5	38
76	Monodisperse core-shell melamine-formaldehyde polymer-modified silica microspheres prepared using a facile microwave-assisted method. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 11517-11520	3.6	6
75	Surface radical chain-transfer reaction in deep eutectic solvents for preparation of silica-grafted stationary phases in hydrophilic interaction chromatography. <i>Talanta</i> , <b>2017</b> , 175, 256-263	6.2	23
74	Highly selective coextraction of rhodamine B and dibenzyl phthalate based on high-density dual-template imprinted shells on silica microparticles. <i>Journal of Separation Science</i> , <b>2017</b> , 40, 506-513	3.4	12
73	A new route for synthesis of N-methylimidazolium-grafted silica stationary phase and reevaluation in hydrophilic interaction liquid chromatography. <i>Talanta</i> , <b>2017</b> , 164, 137-140	6.2	11
72	Preparation and evaluation of 2-methylimidazolium-functionalized silica as a mixed-mode stationary phase for hydrophilic interaction and anion-exchange chromatography. <i>Journal of Chromatography A</i> , <b>2016</b> , 1468, 79-85	4.5	35
71	Magnetic carbon nitride nanocomposites as enhanced peroxidase mimetics for use in colorimetric bioassays, and their application to the determination of H <sub>2</sub> O <sub>2</sub> and glucose. <i>Mikrochimica Acta</i> , <b>2016</b> , 183, 3191-3199	5.8	55
70	Nanosilica-based molecularly imprinted polymer nanoshell for specific recognition and determination of rhodamine B in red wine and beverages. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2016</b> , 1029-1030, 230-238	3.2	27
69	A new nano-on-micro stationary phase based on nanodiamond bonded on silica for hydrophilic interaction chromatography. <i>RSC Advances</i> , <b>2016</b> , 6, 32757-32760	3.7	21
68	Solid-phase extraction of flavonoids in honey samples using carbamate-embedded triacontyl-modified silica sorbent. <i>Food Chemistry</i> , <b>2016</b> , 204, 56-61	8.5	32
67	Utilization of deep eutectic solvents as novel mobile phase additives for improving the separation of bioactive quaternary alkaloids. <i>Talanta</i> , <b>2016</b> , 149, 85-90	6.2	78
66	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. <i>Journal of Materials Chemistry B</i> , <b>2016</b> , 4, 5161-5166	7.3	16
65	Deep eutectic solvent-based liquid-phase microextraction for detection of plant growth regulators in edible vegetable oils. <i>Analytical Methods</i> , <b>2016</b> , 8, 3511-3516	3.2	40

64	Selective Separation of Metal Ions via Monolayer Nanoporous Graphene with Carboxyl Groups. <i>Analytical Chemistry</i> , <b>2016</b> , 88, 10002-10010	7.8	41
63	Silica-Based Phenyl and Octyl Bifunctional Imidazolium as a New Mixed-Mode Stationary Phase for Reversed-Phase and Anion-Exchange Chromatography. <i>Chromatographia</i> , <b>2016</b> , 79, 1437-1443	2.1	10
62	A SiO NP-DNA/silver nanocluster sandwich structure-enhanced fluorescence polarization biosensor for amplified detection of hepatitis B virus DNA. <i>Journal of Materials Chemistry B</i> , <b>2015</b> , 3, 964-967	7.3	31
61	Hemin-functionalized WS <sub>2</sub> nanosheets as highly active peroxidase mimetics for label-free colorimetric detection of H <sub>2</sub> O <sub>2</sub> and glucose. <i>Analyst, The</i> , <b>2015</b> , 140, 2857-63	5	82
60	An embryo of protocells: The capsule of graphene with selective ion channels. <i>Scientific Reports</i> , <b>2015</b> , 5, 10258	4.9	9
59	Design of C18 Organic Phases with Multiple Embedded Polar Groups for Ultraversatile Applications with Ultrahigh Selectivity. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 6614-21	7.8	41
58	A polar-embedded C30 stationary phase: preparation and evaluation. <i>Journal of Chromatography A</i> , <b>2015</b> , 1388, 133-40	4.5	34
57	Versatile ligands for high-performance liquid chromatography: An overview of ionic liquid-functionalized stationary phases. <i>Analytica Chimica Acta</i> , <b>2015</b> , 887, 1-16	6.6	62
56	A novel green approach for the chemical modification of silica particles based on deep eutectic solvents. <i>Chemical Communications</i> , <b>2015</b> , 51, 9825-8	5.8	36
55	A new highly Zn <sup>2+</sup> -selective and fluorescent chemosensor based on the pyrene group. <i>Analytical Methods</i> , <b>2015</b> , 7, 8172-8176	3.2	13
54	Glucaminium ionic liquid-functionalized stationary phase for the separation of nucleosides in hydrophilic interaction chromatography. <i>Analytical and Bioanalytical Chemistry</i> , <b>2015</b> , 407, 7667-72	4.4	14
53	A remarkable enhancement of selectivity towards versatile analytes by a strategically integrated H-bonding site containing phase. <i>Chemical Communications</i> , <b>2015</b> , 51, 14243-6	5.8	8
52	Progress in stationary phases modified with carbonaceous nanomaterials for high-performance liquid chromatography. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2015</b> , 65, 107-121	14.6	44
51	Isolation and identification of chemical constituents from the bacterium <i>Bacillus</i> sp. and their nematicidal activities. <i>Journal of Basic Microbiology</i> , <b>2015</b> , 55, 1239-44	2.7	8
50	Spherical Cyclodextrin-silica hybrid materials for multifunctional chiral stationary phases. <i>Journal of Chromatography A</i> , <b>2015</b> , 1383, 70-8	4.5	25
49	Hairpin assembly-triggered cyclic activation of a DNA machine for label-free and ultrasensitive chemiluminescence detection of DNA. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 68, 550-555	11.8	56
48	Supported nanohydroxyapatite on anodized titanium wire for solid-phase microextraction. <i>Analytical and Bioanalytical Chemistry</i> , <b>2014</b> , 406, 2163-70	4.4	8
47	Preparation and applications of surface-confined ionic-liquid stationary phases for liquid chromatography. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2014</b> , 53, 60-72	14.6	89



46	A new L-lysine derived highly molecular-shape selective organic phase with ordered functional groups for reversed-phase liquid chromatography. <i>Analytical Methods</i> , <b>2014</b> , 6, 5459	3.2	3
45	Anionic and cationic copolymerized ionic liquid-grafted silica as a multifunctional stationary phase for reversed-phase chromatography. <i>Analytical Methods</i> , <b>2014</b> , 6, 469-475	3.2	26
44	Selective recognition and discrimination of water-soluble azo dyes by a seven-channel molecularly imprinted polymer sensor array. <i>Journal of Separation Science</i> , <b>2014</b> , 37, 2764-70	3.4	10
43	Homogenous formation and quaternization of urea-functionalized imidazolyl silane and its immobilization on silica for surface-confined ionic liquid stationary phases. <i>RSC Advances</i> , <b>2014</b> , 4, 34654 <sup>3,7</sup> 34658 <sup>11</sup>		
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41	A novel imidazolium-based organic-silica hybrid monolith for per aqueous capillary electrochromatography. <i>RSC Advances</i> , <b>2014</b> , 4, 25819	3.7	9
40	Deep eutectic solvents as novel extraction media for phenolic compounds from model oil. <i>Chemical Communications</i> , <b>2014</b> , 50, 11749-52	5.8	107
39	Copolymer-grafted silica phase from a cation-anion monomer pair for enhanced separation in reversed-phase liquid chromatography. <i>Analytical and Bioanalytical Chemistry</i> , <b>2014</b> , 406, 3507-15	4.4	6
38	Preparation and chromatographic evaluation of new branch-type diamide-embedded octadecyl stationary phase with enhanced shape selectivity. <i>Analytica Chimica Acta</i> , <b>2014</b> , 833, 48-55	6.6	20
37	Novel imidazolium-embedded and imidazolium-spaced octadecyl stationary phases for reversed phase liquid chromatography. <i>Talanta</i> , <b>2014</b> , 126, 177-84	6.2	43
36	Facile preparation of well dispersed uniform, porous carbon microspheres and their use as a new chromatographic adsorbent. <i>Materials Letters</i> , <b>2013</b> , 105, 144-147	3.3	5
35	A sulfonic-azobenzene-grafted silica amphiphilic material: a versatile stationary phase for mixed-mode chromatography. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 18004-10	4.8	44
34	Determination of inorganic anions in saliva by electroosmotic flow controlled counterflow isotachopheretic stacking under field-amplified sample injection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2013</b> , 935, 75-9	3.2	13
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32	The development of solid-phase microextraction fibers with metal wires as supporting substrates. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2013</b> , 46, 44-58	14.6	77
31	Polyanionic and polyzwitterionic azobenzene ionic liquid-functionalized silica materials and their chromatographic applications. <i>Chemical Communications</i> , <b>2013</b> , 49, 2454-6	5.8	36
30	Two-step stacking by sweeping and micelle to solvent stacking using a long-chain cationic ionic liquid surfactant. <i>Journal of Separation Science</i> , <b>2012</b> , 35, 589-95	3.4	25
29	A new imidazolium-embedded C18 stationary phase with enhanced performance in reversed-phase liquid chromatography. <i>Analytica Chimica Acta</i> , <b>2012</b> , 738, 95-101	6.6	70

28	New surface-confined ionic liquid stationary phases with enhanced chromatographic selectivity and stability by co-immobilization of polymerizable anion and cation pairs. <i>Chemical Communications</i> , <b>2012</b> , 48, 1299-301	5.8	68
27	Molecular shape recognition through self-assembled molecular ordering: evaluation with determining architecture and dynamics. <i>Analytical Chemistry</i> , <b>2012</b> , 84, 6577-85	7.8	26
26	New poly(ionic liquid)-grafted silica multi-mode stationary phase for anion-exchange/reversed-phase/hydrophilic interaction liquid chromatography. <i>Analyst, The</i> , <b>2012</b> , 137, 2553-5	5	104
25	Selectivity enhancement for the separation of tocopherols and steroids by integration of highly ordered weak interaction sites along the polymer main chain. <i>Analytical and Bioanalytical Chemistry</i> , <b>2012</b> , 404, 229-38	4.4	10
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23	Enhancement of molecular shape selectivity by in situ anion-exchange in poly(octadecylimidazolium) silica column. <i>Journal of Chromatography A</i> , <b>2012</b> , 1232, 116-22	4.5	37
22	Molecular-shape selective high-performance liquid chromatography: stabilization effect of polymer main chain by alternating copolymerization. <i>Journal of Chromatography A</i> , <b>2012</b> , 1232, 183-9	4.5	8
21	Determination of four trace preservatives in street food by ionic liquid-based dispersive liquid-liquid micro-extraction. <i>Chemical Papers</i> , <b>2011</b> , 65,	1.9	10
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19	Novel approach to improve the detection of colchicine via online coupling of ionic liquid-based single-drop microextraction with capillary electrophoresis. <i>Journal of Separation Science</i> , <b>2011</b> , 34, 594-600	3.4	24
18	A facile and specific approach to new liquid chromatography adsorbents obtained by ionic self-assembly. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 7288-97	4.8	32
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