

Yong Guo

List of Publications by Year in descending order

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78
papers

2,447
citations

279701

23
h-index

214721

47
g-index

81
all docs

81
docs citations

81
times ranked

1969
citing authors

#	ARTICLE	IF	CITATIONS
1	Retention behavior of small polar compounds on polar stationary phases in hydrophilic interaction chromatography. <i>Journal of Chromatography A</i> , 2005, 1074, 71-80.	1.8	436
2	Retention and selectivity of stationary phases for hydrophilic interaction chromatography. <i>Journal of Chromatography A</i> , 2011, 1218, 5920-5938.	1.8	277
3	A Stationary Phase for Open Tubular Liquid Chromatography and Electrochromatography Using Sol-Gel Technology. <i>Analytical Chemistry</i> , 1995, 67, 2511-2516.	3.2	197
4	Recent progress in the fundamental understanding of hydrophilic interaction chromatography (HILIC). <i>Analyst</i> , 2015, 140, 6452-6466.	1.7	114
5	Bis(trifluoromethanesulfonyl)imide-based ionic liquids grafted on graphene oxide-coated solid-phase microextraction fiber for extraction and enrichment of polycyclic aromatic hydrocarbons in potatoes and phthalate esters in food-wrap. <i>Talanta</i> , 2016, 153, 392-400.	2.9	71
6	The application of graphene-based materials as chromatographic stationary phases. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 98, 149-160.	5.8	70
7	A HILIC method for the analysis of tromethamine as the counter ion in an investigational pharmaceutical salt. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003, 31, 1191-1201.	1.4	66
8	Near-Infrared Fluorescence Probe for Evaluating Acetylcholinesterase Activity in PC12 Cells and In Situ Tracing AChE Distribution in Zebrafish. <i>ACS Sensors</i> , 2020, 5, 83-92.	4.0	49
9	Comparing cyclodextrin derivatives as chiral selectors for enantiomeric separation in capillary electrophoresis. <i>Journal of Chromatography A</i> , 2002, 973, 187-196.	1.8	47
10	Hydrolytically stable amino-silica glass coating material for manipulation of the electroosmotic flow in capillary electrophoresis. <i>Journal of Chromatography A</i> , 1996, 744, 17-29.	1.8	43
11	Preparation and applications of metal-organic framework derived porous carbons as novel adsorbents in sample preparation. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 133, 116093.	5.8	42
12	Polymeric ionic liquid modified graphene oxide-grafted silica for solid-phase extraction to analyze the excretion-dynamics of flavonoids in urine by Box-Behnken statistical design. <i>Journal of Chromatography A</i> , 2016, 1456, 10-18.	1.8	38
13	Magnetic mesoporous carbon nanosheets derived from two-dimensional bimetallic metal-organic frameworks for magnetic solid-phase extraction of nitroimidazole antibiotics. <i>Journal of Chromatography A</i> , 2021, 1645, 462074.	1.8	35
14	Modification of the inner capillary surface by the sol-gel method: Application to open tubular electrochromatography. <i>Journal of Separation Science</i> , 1995, 7, 485-491.	1.0	34
15	Synthesis of magnetic metal-organic framework composites, Fe ₃ O ₄ -NH ₂ @MOF-235, for the magnetic solid-phase extraction of benzoylurea insecticides from honey, fruit juice and tap water samples. <i>New Journal of Chemistry</i> , 2019, 43, 12563-12569.	1.4	34
16	Analysis of underivatized amino acids by capillary electrophoresis using constant potential amperometric detection. <i>Electrophoresis</i> , 1995, 16, 493-497.	1.3	31
17	Simultaneous Determination of Dopamine and Ascorbic Acid Using the Nano-Gold Self-Assembled Glassy Carbon Electrode. <i>Electroanalysis</i> , 2009, 21, 1200-1206.	1.5	31
18	Quality evaluation of powdered poppy capsule extractive by systematic quantified fingerprint method combined with quantitative analysis of multi-components by single marker method. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 185, 113247.	1.4	29

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19	Mixed-mode capillary electrokinetic separation of positional explosive isomers using sodium dodecyl sulfate and negative- β -cyclodextrin derivatives. <i>Journal of Chromatography A</i> , 1998, 811, 225-232.	1.8	28
20	Quantitative fingerprint and quality control analysis of Compound Liquorice Tablet combined with antioxidant activities and chemometrics methods. <i>Phytomedicine</i> , 2019, 59, 152790.	2.3	26
21	Analysis of Quaternary Amine Compounds by Hydrophilic Interaction Chromatography/Mass Spectrometry (HILIC/MS). <i>Journal of Liquid Chromatography and Related Technologies</i> , 2005, 28, 497-512.	0.5	25
22	Magnetic 3D hierarchical Ni/NiO@C nanorods derived from metal-organic frameworks for extraction of benzoylurea insecticides prior to HPLC-UV analysis. <i>Mikrochimica Acta</i> , 2020, 187, 88.	2.5	25
23	Graphene oxide for solid-phase extraction of bioactive phenolic acids. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 3541-3549.	1.9	24
24	Preparation and application of guanidyl-functionalized graphene oxide-grafted silica for efficient extraction of acidic herbicides by Box-Behnken design. <i>Journal of Chromatography A</i> , 2018, 1571, 65-75.	1.8	23
25	Unusual Hypochlorous Acid (HClO) Recognition Mechanism Based on Chlorine-Oxygen Bond (Cl-O) Formation. <i>Chemistry - A European Journal</i> , 2019, 25, 7168-7176.	1.7	23
26	Hydrogel Coating with Temperature Response Retention Behavior and Its Application in Selective Separation of Liquid Chromatography. <i>Analytical Chemistry</i> , 2021, 93, 16017-16024.	3.2	23
27	β -Cyclodextrin-modified three-dimensional graphene oxide-wrapped melamine foam for the solid-phase extraction of flavonoids. <i>Journal of Separation Science</i> , 2018, 41, 2207-2213.	1.3	22
28	A new strategy for the preparation of core-shell MOF/Polymer composite material as the mixed-mode stationary phase for hydrophilic interaction/ reversed-phase chromatography. <i>Analytica Chimica Acta</i> , 2021, 1143, 181-188.	2.6	22
29	Metal-organic frameworks derived magnetic porous carbon for magnetic solid phase extraction of benzoylurea insecticides from tea sample by Box-Behnken statistical design. <i>Journal of Chromatography A</i> , 2020, 1626, 461328.	1.8	21
30	Multiple methods were combined to monitor and evaluate the quality of TCM, and make the results more reliable. <i>Analytical Methods</i> , 2014, 6, 838-849.	1.3	20
31	A novel fullerene oxide functionalized silica composite as stationary phase for high performance liquid chromatography. <i>RSC Advances</i> , 2014, 4, 17541-17548.	1.7	20
32	Measuring Peak Capacity of Reversed-Phase Columns for Small Molecule Compounds Under Gradient Elution. <i>Chromatographia</i> , 2008, 68, 19-25.	0.7	19
33	Capillary electrophoresis fingerprints combined with Linear Quantitative Profiling Method to monitor the quality consistency and predict the antioxidant activity of Alkaloids of <i>Sophora flavescens</i> . <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1133, 121827.	1.2	19
34	Rational design of a near-infrared fluorescence probe for highly selective sensing butyrylcholinesterase (BChE) and its bioimaging applications in living cell. <i>Talanta</i> , 2020, 219, 121278.	2.9	19
35	Magnetic N-doped 3D graphene-like framework carbon for extraction of cephalexin monohydrate and cefixime hydrochloride. <i>Talanta</i> , 2020, 215, 120932.	2.9	19
36	Holistic Evaluation of Quality Consistency of <i>Ilex sonchifolia</i> (Bunge) Hance Injectables by Quantitative Fingerprinting in Combination with Antioxidant Activity and Chemometric Methods. <i>PLoS ONE</i> , 2016, 11, e0148878.	1.1	19

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37	Glucaminium ionic liquid-functionalized stationary phase for the separation of nucleosides in hydrophilic interaction chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 7667-7672.	1.9	18
38	Detailed insights into the retention mechanism of caffeine metabolites on the amide stationary phase in hydrophilic interaction chromatography. <i>Journal of Chromatography A</i> , 2016, 1463, 121-127.	1.8	18
39	A novel double polymer modified hydrophobic/hydrophilic stationary phase for liquid chromatography. <i>Chinese Chemical Letters</i> , 2020, 31, 746-750.	4.8	18
40	2D metal-organic framework nanosheets-assembled core-shell composite material as stationary phase for hydrophilic interaction liquid chromatography. <i>Talanta</i> , 2021, 222, 121603.	2.9	18
41	High efficiency and simple preparation of polyacrylamide coated silica stationary phase for hydrophilic interaction liquid chromatography. <i>Journal of Chromatography A</i> , 2019, 1605, 360357.	1.8	17
42	Mixed-mode separation of polycyclic aromatic hydrocarbons (PAHs) in electrokinetic chromatography. <i>Electrophoresis</i> , 1998, 19, 723-730.	1.3	16
43	Preparation of hydrogel nanocomposite functionalized silica microspheres and its application in mixed-mode liquid chromatography. <i>Journal of Chromatography A</i> , 2022, 1662, 462745.	1.8	16
44	Application of a β -cyclodextrin/graphene oxide-modified fiber for solid-phase microextraction of six fragrance allergens in personal products. <i>Analyst</i> , 2015, 140, 6727-6735.	1.7	15
45	Evaluating the Adsorbed Water Layer on Polar Stationary Phases for Hydrophilic Interaction Chromatography (HILIC). <i>Separations</i> , 2019, 6, 19.	1.1	15
46	Naked-eye and ratiometric fluorescence probe for fast and sensitive detection of hydrogen sulfide and its application in bioimaging. <i>New Journal of Chemistry</i> , 2018, 42, 19272-19278.	1.4	14
47	Preparation and evaluation of hydrophobically associating polyacrylamide coated silica composite as high performance liquid chromatographic stationary phase. <i>Microchemical Journal</i> , 2020, 152, 104330.	2.3	13
48	A survey of polar stationary phases for hydrophilic interaction chromatography and recent progress in understanding retention and selectivity. <i>Biomedical Chromatography</i> , 2022, 36, e5332.	0.8	13
49	Evaluation of quality consistency of herbal preparations using five-wavelength fusion HPLC fingerprint combined with ATR-FT-IR spectral quantized fingerprint: <i>Belamcandae rhizoma</i> antiviral injection as an example. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 214, 114733.	1.4	13
50	Improvements for absolute quantitation using electrochemical mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2019, 443, 41-45.	0.7	12
51	Design and evaluation of novel MOF@polymer core-shell composite as mixed-mode stationary phase for high performance liquid chromatography. <i>Mikrochimica Acta</i> , 2021, 188, 76.	2.5	12
52	Metal-organic framework-based core-shell composites for chromatographic stationary phases. <i>TrAC - Trends in Analytical Chemistry</i> , 2022, 149, 116545.	5.8	12
53	A porous polyaniline nanotube sorbent for solid-phase extraction of the fluorescent reaction product of reactive oxygen species in cells, and its determination by HPLC. <i>Mikrochimica Acta</i> , 2018, 185, 468.	2.5	11
54	A facile process for the preparation of organic gel-assisted silica microsphere material for multi-mode liquid chromatography. <i>Journal of Chromatography A</i> , 2020, 1628, 461472.	1.8	11

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55	Double carboxyl silicane modified graphene oxide coated silica composite as sorbent for solid-phase extraction of quaternary alkaloids. <i>Analytical Methods</i> , 2015, 7, 135-142.	1.3	10
56	Direct preparation of a graphene oxide modified monolith in a glass syringe as a solid-phase extraction cartridge for the extraction of quaternary ammonium alkaloids from Chinese patent medicine. <i>Journal of Separation Science</i> , 2017, 40, 4411-4419.	1.3	10
57	An alternative approach for the preparation of a core-shell bimetallic central metal-organic framework as a hydrophilic interaction liquid chromatography stationary phase. <i>Analyst</i> , The, 2020, 145, 3851-3856.	1.7	10
58	Non-conjugated flexible network for the functional design of silica-based stationary phase for mixed-mode liquid chromatography. <i>Talanta</i> , 2021, 233, 122548.	2.9	10
59	Mesoporous nanomaterial-assisted hydrogel double network composite for mixed-mode liquid chromatography. <i>Mikrochimica Acta</i> , 2021, 188, 433.	2.5	10
60	Preparation of magnetic carbonized polyaniline nanotube and its adsorption behaviors of xanthene colorants in beverage and fish samples. <i>Journal of Chromatography A</i> , 2019, 1605, 460369.	1.8	9
61	A novel process for the preparation of Cys-Si-NIPAM as a stationary phase of hydrophilic interaction liquid chromatography (HILIC). <i>Talanta</i> , 2020, 218, 121154.	2.9	9
62	An alternative strategy to construct uniform MOFs-Grafted silica core-shell composites as mixed-mode stationary phase for chromatography separation. <i>Analytica Chimica Acta</i> , 2021, 1183, 338942.	2.6	9
63	¹³ C Solid-State NMR Analysis of the Chemical Structure in Petroleum Coke during Idealized In Situ Combustion Conditions. <i>ACS Omega</i> , 2021, 6, 15479-15485.	1.6	7
64	Evaluation of The Peak Capacity of Various RP-Columns for Small Molecule Compounds in Gradient Elution. <i>Chromatographia</i> , 2009, 70, 1045-1054.	0.7	6
65	An amperometric sensor for uric acid based on ordered mesoporous carbon-modified pyrolytic graphite electrode. <i>Chemical Papers</i> , 2009, 63, .	1.0	6
66	Synthesis and application of smart gel material modified silica microspheres for pH-responsive hydrophilicity in liquid chromatography. <i>Analyst</i> , The, 2021, 146, 6262-6269.	1.7	5
67	Linear Quantitative Profiling Method Fast Monitors Alkaloids of <i>Sophora Flavescens</i> That Was Verified by Tri-Marker Analyses. <i>PLoS ONE</i> , 2016, 11, e0161146.	1.1	5
68	Core-shell MOFs-based composites of defect-functionalized for mixed-mode chromatographic separation. <i>Journal of Chromatography A</i> , 2022, 1671, 463011.	1.8	5
69	Fabrication of two-dimensional metal-organic framework nanosheets/PDA composites as mixed-mode stationary phase for chromatographic separation. <i>Mikrochimica Acta</i> , 2021, 188, 360.	2.5	4
70	L-cysteine and 5-norbornene-2-carboxylic acid decorated mesoporous silica spheres as liquid chromatographic material. <i>Microporous and Mesoporous Materials</i> , 2020, 299, 110102.	2.2	4
71	Rational construction of a novel probe for the rapid detection of butyrylcholinesterase stress changes in apoptotic cells. <i>New Journal of Chemistry</i> , 2022, 46, 12034-12040.	1.4	4
72	Nanogold hybrid silica gel and its 1-octadecanethiol self-assembled modified composite as a stationary phase for liquid chromatography. <i>Analyst</i> , The, 2019, 144, 3072-3079.	1.7	3

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73	Bioaccumulation investigation of bisphenol A in HepG2 cells and zebrafishes enabled by cobalt magnetic polystyrene microsphere derived carbon based magnetic solid-phase extraction. <i>Analyst</i> , The, 2020, 145, 1433-1444.	1.7	3
74	Relative significance of hydrophilic partitioning and surface adsorption to the retention of polar compounds in hydrophilic interaction chromatography. <i>Analytica Chimica Acta</i> , 2021, 1184, 339025.	2.6	3
75	A pharmacokinetic study on a novel anti-HBV agent imidol hydrochloride in rats. <i>International Journal of Pharmaceutics</i> , 2014, 461, 514-518.	2.6	2
76	Recognition and characterization of active fractions from petroleum sulfonate. <i>Journal of Petroleum Science and Engineering</i> , 2020, 187, 106797.	2.1	2
77	Determination of PEGylation homogeneity of polyethylene glycolâ€modified canine uricase. <i>Electrophoresis</i> , 2021, 42, 693-699.	1.3	2
78	Formation and Combustion Heat Release of Naphthenic-Based Crude Oil Cokes at Different Reaction Temperatures. <i>ACS Omega</i> , 2022, 7, 15106-15112.	1.6	0