Gang-Tian Zhu

List of Publications by Year
in descending order

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37 papers	1,191 citations	361296 20 h-index	377752 34 g-index
37 all docs	37 docs citations	37 times ranked	1364 citing authors

#	Article	IF	Citations
1	Rapid profiling of carboxylic acids in reservoir biodegraded crude oils using gas purge microsyringe extraction coupled to comprehensive two-dimensional gas chromatography-mass spectrometry. Fuel, 2022, 316, 123312.	3.4	3
2	Carboxylic Acids in Petroleum: Separation, Analysis, and Geochemical Significance. Energy & Fuels, 2021, 35, 12828-12844.	2.5	8
3	Rational design and synthesis of magnetic covalent organic frameworks for controlling the selectivity and enhancing the extraction efficiency of polycyclic aromatic hydrocarbons. Mikrochimica Acta, 2020, 187, 531.	2.5	20
4	Net-like mesoporous carbon nanocomposites for magnetic solid-phase extraction of sulfonamides prior to their quantitation by UPLC-HRMS. Mikrochimica Acta, 2020, 187, 112.	2.5	22
5	Profiling free fatty acids in edible oils via magnetic dispersive extraction and comprehensive two-dimensional gas chromatography-mass spectrometry. Food Chemistry, 2019, 297, 124998.	4.2	16
6	Eco-friendly and facile one-step synthesis of a three dimensional net-like magnetic mesoporous carbon derived from wastepaper as a renewable adsorbent. RSC Advances, 2019, 9, 12419-12427.	1.7	11
7	Porphyrin-based magnetic nanocomposites for efficient extraction of polycyclic aromatic hydrocarbons from water samples. Journal of Chromatography A, 2018, 1540, 1-10.	1.8	46
8	Magnetic extractant with an Fe₃O₄@SiO₂ core and aqueous ammonia coating for microextraction of petroleum acids. RSC Advances, 2018, 8, 19486-19493.	1.7	8
9	Simple and Sensitive Determination of Aromatic Acids in Coconut Water by g-C3N4@SiO2 Based Solid-phase Extraction and HPLC-UV Analysis. Chemical Research in Chinese Universities, 2018, 34, 528-535.	1.3	5
10	Hydrothermally tailor-made chitosan fiber for micro-solid phase extraction of petroleum acids in crude oils. Journal of Chromatography A, 2018, 1564, 42-50.	1.8	14
11	Polyoxometalate incorporated polymer monolith microextraction for highly selective extraction of antidepressants in undiluted urine. Talanta, 2017, 170, 252-259.	2.9	22
12	Pyridoxal 5â€²-phosphate mediated preparation of immobilized metal affinity material for highly selective and sensitive enrichment of phosphopeptides. Journal of Chromatography A, 2017, 1499, 30-37.	1.8	20
13	A micro-solid phase extraction in glass pipette packed with amino-functionalized silica for rapid analysis of petroleum acids in crude oils. RSC Advances, 2017, 7, 40608-40614.	1.7	15
14	Magnetic graphene solid-phase extraction in the determination of polycyclic aromatic hydrocarbons in water. RSC Advances, 2017, 7, 53720-53727.	1.7	20
15	Determination of diamondoids in crude oils using gas purge microsyringe extraction with comprehensive two dimensional gas chromatography-time-of-flight mass spectrometry. Journal of Chromatography A, 2016, 1478, 75-83.	1.8	11
16	Synthesis of Polyethylenimine Functionalized Mesoporous Silica for In-Pipet-Tip Phosphopeptide Enrichment. ACS Applied Materials & Interfaces, 2016, 8, 32182-32188.	4.0	40
17	Magnetic graphitic carbon nitride anion exchanger for specific enrichment of phosphopeptides. Journal of Chromatography A, 2016, 1437, 137-144.	1.8	39
18	Electrospun fibrous thin film microextraction coupled with desorption corona beam ionization-mass spectrometry for rapid analysis of antidepressants in human plasma. Talanta, 2016, 152, 188-195.	2.9	23

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19	Facile synthesis of magnetic carbon nitride nanosheets and its application in magnetic solid phase extraction for polycyclic aromatic hydrocarbons in edible oil samples. Talanta, 2016, 148, 46-53.	2.9	69
20	Electrospun Highly Ordered Mesoporous Silicaâ€“Carbon Composite Nanofibers for Rapid Extraction and Prefractionation of Endogenous Peptides. Chemistry - A European Journal, 2015, 21, 4450-4456.	1.7	23
21	Hydrophilic Carboxyl Cotton Chelator for Titanium(IV) Immobilization and Its Application as Novel Fibrous Sorbent for Rapid Enrichment of Phosphopeptides. ACS Applied Materials & Interfaces, 2015, 7, 17356-17362.	4.0	57
22	Nickel(II)-immobilized sulfhydryl cotton fiber for selective binding and rapid separation of histidine-tagged proteins. Journal of Chromatography A, 2015, 1405, 188-192.	1.8	25
23	Facile synthesis of polyaniline-coated SiO 2 nanofiber and its application in enrichment of fluoroquinolones from honey samples. Talanta, 2015, 140, 29-35.	2.9	37
24	Bioinspired preparation of monolithic ordered mesoporous silica for enrichment of endogenous peptides. RSC Advances, 2015, 5, 75341-75347.	1.7	4
25	In-syringe dispersive solid phase extraction: a novel format for electrospun fiber based microextraction. Analyst, The, 2014, 139, 6266-6271.	1.7	21
26	Facile Preparation of Biocompatible Sulfhydryl Cotton Fiber-Based Sorbents by â€œThiolâ€“eneâ€•Click Chemistry for Biological Analysis. ACS Applied Materials & Interfaces, 2014, 6, 17857-17864.	4.0	40
27	Electrospun polystyrene/oxidized carbon nanotubes film as both sorbent for thin film microextraction and matrix for matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. Journal of Chromatography A, 2014, 1351, 29-36.	1.8	62
28	Preparation of mesoporous silica embedded pipette tips for rapid enrichment of endogenous peptides. Journal of Chromatography A, 2013, 1316, 23-28.	1.8	23
29	Rapid enrichment of phosphopeptides by SiO2â€“TiO2 composite fibers. Analyst, The, 2013, 138, 5495.	1.7	29
30	Synthesis and applications of functionalized magnetic materials in sample preparation. TrAC - Trends in Analytical Chemistry, 2013, 45, 233-247.	5.8	229
31	Facile fabrication of reduced graphene oxide-encapsulated silica: A sorbent for solid-phase extraction. Journal of Chromatography A, 2013, 1299, 10-17.	1.8	52
32	Zirconium arsenate-modified magnetic nanoparticles: preparation, characterization and application to the enrichment of phosphopeptides. Analyst, The, 2012, 137, 959-967.	1.7	50
33	Electrospinning-based synthesis of highly ordered mesoporous silica fiber for lab-in-syringe enrichment of plasma peptides. Chemical Communications, 2012, 48, 9980.	2.2	47
34	Titaniumâ€containing magnetic mesoporous silica spheres: Effective enrichment of peptides and simultaneous separation of nonphosphopeptides and phosphopeptides. Journal of Separation Science, 2012, 35, 1506-1513.	1.3	16
35	Pseudomorphic synthesis of monodisperse magnetic mesoporous silica microspheres for selective enrichment of endogenous peptides. Journal of Chromatography A, 2012, 1224, 11-18.	1.8	49
36	A novel methyl migration to the phosphoryl group with the formation of cyclic aminoacylphosphoramidates in electrospray ionization tandem mass spectra of amino acid ester phosphoramidates of antiviral nucleosides. Rapid Communications in Mass Spectrometry, 2011, 25, 1061-1069.	0.7	9

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37	Fast separation of antiviral nucleoside phosphoramidate and H-phosphonate diastereoisomers by reversed-phase liquid chromatography. Journal of Chromatography A, 2011, 1218, 1416-1422.	1.8	6