

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	Synthesis and applications of functionalized magnetic materials in sample preparation. <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 45, 233-247.	5.8	229
2	Facile synthesis of magnetic carbon nitride nanosheets and its application in magnetic solid phase extraction for polycyclic aromatic hydrocarbons in edible oil samples. <i>Talanta</i> , 2016, 148, 46-53.	2.9	69
3	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. <i>Journal of Chromatography A</i> , 2014, 1351, 29-36.	1.8	62
4	Hydrophilic Carboxyl Cotton Chelator for Titanium(IV) Immobilization and Its Application as Novel Fibrous Sorbent for Rapid Enrichment of Phosphopeptides. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 17356-17362.	4.0	57
5	Facile fabrication of reduced graphene oxide-encapsulated silica: A sorbent for solid-phase extraction. <i>Journal of Chromatography A</i> , 2013, 1299, 10-17.	1.8	52
6	Zirconium arsenate-modified magnetic nanoparticles: preparation, characterization and application to the enrichment of phosphopeptides. <i>Analyst, The</i> , 2012, 137, 959-967.	1.7	50
7	Pseudomorphic synthesis of monodisperse magnetic mesoporous silica microspheres for selective enrichment of endogenous peptides. <i>Journal of Chromatography A</i> , 2012, 1224, 11-18.	1.8	49
8	Electrospinning-based synthesis of highly ordered mesoporous silica fiber for lab-in-syringe enrichment of plasma peptides. <i>Chemical Communications</i> , 2012, 48, 9980.	2.2	47
9	Porphyrin-based magnetic nanocomposites for efficient extraction of polycyclic aromatic hydrocarbons from water samples. <i>Journal of Chromatography A</i> , 2018, 1540, 1-10.	1.8	46
10	Facile Preparation of Biocompatible Sulfhydryl Cotton Fiber-Based Sorbents by "Thiol-Click Chemistry for Biological Analysis. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 17857-17864.	4.0	40
11	Synthesis of Polyethylenimine Functionalized Mesoporous Silica for In-Pipet-Tip Phosphopeptide Enrichment. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 32182-32188.	4.0	40
12	Magnetic graphitic carbon nitride anion exchanger for specific enrichment of phosphopeptides. <i>Journal of Chromatography A</i> , 2016, 1437, 137-144.	1.8	39
13	Facile synthesis of polyaniline-coated SiO ₂ nanofiber and its application in enrichment of fluoroquinolones from honey samples. <i>Talanta</i> , 2015, 140, 29-35.	2.9	37
14	Rapid enrichment of phosphopeptides by SiO ₂ -TiO ₂ composite fibers. <i>Analyst, The</i> , 2013, 138, 5495.	1.7	29
15	Nickel(II)-immobilized sulfhydryl cotton fiber for selective binding and rapid separation of histidine-tagged proteins. <i>Journal of Chromatography A</i> , 2015, 1405, 188-192.	1.8	25
16	Preparation of mesoporous silica embedded pipette tips for rapid enrichment of endogenous peptides. <i>Journal of Chromatography A</i> , 2013, 1316, 23-28.	1.8	23
17	Electrospun Highly Ordered Mesoporous Silica-Carbon Composite Nanofibers for Rapid Extraction and Prefractionation of Endogenous Peptides. <i>Chemistry - A European Journal</i> , 2015, 21, 4450-4456.	1.7	23
18	Electrospun fibrous thin film microextraction coupled with desorption corona beam ionization-mass spectrometry for rapid analysis of antidepressants in human plasma. <i>Talanta</i> , 2016, 152, 188-195.	2.9	23

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19	Polyoxometalate incorporated polymer monolith microextraction for highly selective extraction of antidepressants in undiluted urine. <i>Talanta</i> , 2017, 170, 252-259.	2.9	22
20	Net-like mesoporous carbon nanocomposites for magnetic solid-phase extraction of sulfonamides prior to their quantitation by UPLC-HRMS. <i>Mikrochimica Acta</i> , 2020, 187, 112.	2.5	22
21	In-syringe dispersive solid phase extraction: a novel format for electrospun fiber based microextraction. <i>Analyst</i> , The, 2014, 139, 6266-6271.	1.7	21
22	Pyridoxal 5-phosphate mediated preparation of immobilized metal affinity material for highly selective and sensitive enrichment of phosphopeptides. <i>Journal of Chromatography A</i> , 2017, 1499, 30-37.	1.8	20
23	Magnetic graphene solid-phase extraction in the determination of polycyclic aromatic hydrocarbons in water. <i>RSC Advances</i> , 2017, 7, 53720-53727.	1.7	20
24	Rational design and synthesis of magnetic covalent organic frameworks for controlling the selectivity and enhancing the extraction efficiency of polycyclic aromatic hydrocarbons. <i>Mikrochimica Acta</i> , 2020, 187, 531.	2.5	20
25	Titanium-containing magnetic mesoporous silica spheres: Effective enrichment of peptides and simultaneous separation of nonphosphopeptides and phosphopeptides. <i>Journal of Separation Science</i> , 2012, 35, 1506-1513.	1.3	16
26	Profiling free fatty acids in edible oils via magnetic dispersive extraction and comprehensive two-dimensional gas chromatography-mass spectrometry. <i>Food Chemistry</i> , 2019, 297, 124998.	4.2	16
27	A micro-solid phase extraction in glass pipette packed with amino-functionalized silica for rapid analysis of petroleum acids in crude oils. <i>RSC Advances</i> , 2017, 7, 40608-40614.	1.7	15
28	Hydrothermally tailor-made chitosan fiber for micro-solid phase extraction of petroleum acids in crude oils. <i>Journal of Chromatography A</i> , 2018, 1564, 42-50.	1.8	14
29	Determination of diamondoids in crude oils using gas purge microsyringe extraction with comprehensive two dimensional gas chromatography-time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2016, 1478, 75-83.	1.8	11
30	Eco-friendly and facile one-step synthesis of a three dimensional net-like magnetic mesoporous carbon derived from wastepaper as a renewable adsorbent. <i>RSC Advances</i> , 2019, 9, 12419-12427.	1.7	11
31	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. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 1061-1069.	0.7	9
32	Magnetic extractant with an Fe ₃ O ₄ @SiO ₂ core and aqueous ammonia coating for microextraction of petroleum acids. <i>RSC Advances</i> , 2018, 8, 19486-19493.	1.7	8
33	Carboxylic Acids in Petroleum: Separation, Analysis, and Geochemical Significance. <i>Energy & Fuels</i> , 2021, 35, 12828-12844.	2.5	8
34	Fast separation of antiviral nucleoside phosphoramidate and H-phosphonate diastereoisomers by reversed-phase liquid chromatography. <i>Journal of Chromatography A</i> , 2011, 1218, 1416-1422.	1.8	6
35	Simple and Sensitive Determination of Aromatic Acids in Coconut Water by g-C ₃ N ₄ @SiO ₂ Based Solid-phase Extraction and HPLC-UV Analysis. <i>Chemical Research in Chinese Universities</i> , 2018, 34, 528-535.	1.3	5
36	Bioinspired preparation of monolithic ordered mesoporous silica for enrichment of endogenous peptides. <i>RSC Advances</i> , 2015, 5, 75341-75347.	1.7	4

#	ARTICLE	IF	CITATIONS
37	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