

Zhongshan Liu

List of Publications by Citations

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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.

36

papers

1,112

citations

20

h-index

33

g-index

37

ext. papers

1,228

ext. citations

6

avg, IF

4.44

L-index

#	Paper	IF	Citations
36	Recent development of hybrid organic-silica monolithic columns in CEC and capillary LC. <i>Electrophoresis</i> , 2015 , 36, 62-75	3.6	81
35	Preparation of hybrid monolithic columns via "one-pot" photoinitiated thiol-acrylate polymerization for retention-independent performance in capillary liquid chromatography. <i>Analytical Chemistry</i> , 2015 , 87, 8789-97	7.8	69
34	Tailor-Made Stable Zr(IV)-Based Metal-Organic Frameworks for Laser Desorption/Ionization Mass Spectrometry Analysis of Small Molecules and Simultaneous Enrichment of Phosphopeptides. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 20292-300	9.5	66
33	Preparation of monolithic polymer columns with homogeneous structure via photoinitiated thiol-yne click polymerization and their application in separation of small molecules. <i>Analytical Chemistry</i> , 2014 , 86, 12334-40	7.8	65
32	Facile construction of macroporous hybrid monoliths via thiol-methacrylate Michael addition click reaction for capillary liquid chromatography. <i>Journal of Chromatography A</i> , 2015 , 1379, 34-42	4.5	60
31	Construction of hierarchically porous monoliths from covalent organic frameworks (COFs) and their application for bisphenol A removal. <i>Journal of Hazardous Materials</i> , 2018 , 355, 145-153	12.8	60
30	Facile preparation of a stable and functionalizable hybrid monolith via ring-opening polymerization for capillary liquid chromatography. <i>Journal of Chromatography A</i> , 2013 , 1301, 131-8	4.5	58
29	Thiol-epoxy click polymerization for preparation of polymeric monoliths with well-defined 3D framework for capillary liquid chromatography. <i>Analytical Chemistry</i> , 2015 , 87, 3476-83	7.8	47
28	Fast preparation of a highly efficient organic monolith via photo-initiated thiol-ene click polymerization for capillary liquid chromatography. <i>Journal of Chromatography A</i> , 2015 , 1394, 103-10	4.5	46
27	Click polymerization for preparation of monolithic columns for liquid chromatography. <i>TrAC - Trends in Analytical Chemistry</i> , 2016 , 82, 89-99	14.6	46
26	Photoinduced thiol-ene polymerization reaction for fast preparation of macroporous hybrid monoliths and their application in capillary liquid chromatography. <i>Chemical Communications</i> , 2014 , 50, 9288-90	5.8	46
25	Preparation of polyhedral oligomeric silsesquioxane-based hybrid monolith by ring-opening polymerization and post-functionalization via thiol-ene click reaction. <i>Journal of Chromatography A</i> , 2014 , 1342, 70-7	4.5	44
24	Separation of intact proteins by using polyhedral oligomeric silsesquioxane based hybrid monolithic capillary columns. <i>Journal of Chromatography A</i> , 2013 , 1317, 138-47	4.5	35
23	Preparation of Polypropylene Spin Tips Filled with Immobilized Titanium(IV) Ion Monolithic Adsorbent for Robust Phosphoproteome Analysis. <i>Analytical Chemistry</i> , 2016 , 88, 5058-64	7.8	31
22	Facile Preparation of Titanium(IV)-Immobilized Hierarchically Porous Hybrid Monoliths. <i>Analytical Chemistry</i> , 2017 , 89, 4655-4662	7.8	29
21	Synthesis and Characterization of Hydrazide-Linked and Amide-Linked Organic Polymers. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 32060-32067	9.5	28
20	Preparation of well-controlled three-dimensional skeletal hybrid monoliths via thiol-epoxy click polymerization for highly efficient separation of small molecules in capillary liquid chromatography. <i>Journal of Chromatography A</i> , 2015 , 1416, 74-82	4.5	27

19	A novel polymeric monolith prepared with multi-acrylate crosslinker for retention-independent efficient separation of small molecules in capillary liquid chromatography. <i>Analytica Chimica Acta</i> , 2015 , 883, 90-8	6.6	25
18	Rapid "one-pot" preparation of polymeric monolith via photo-initiated thiol-acrylate polymerization for capillary liquid chromatography. <i>Analytica Chimica Acta</i> , 2016 , 925, 88-96	6.6	22
17	Improving permeability and chromatographic performance of poly(pentaerythritol diacrylate monostearate) monolithic column via photo-induced thiol-acrylate polymerization. <i>Journal of Chromatography A</i> , 2016 , 1436, 100-8	4.5	21
16	Formation, Identification, and Occurrence of New Bromo- and Mixed Halo-Tyrosyl Dipeptides in Chloraminated Water. <i>Environmental Science & Technology</i> , 2019 , 53, 3672-3680	10.3	20
15	Preparation and characterization of hydrophilic hybrid monoliths via thiol-ene click polymerization and their applications in chromatographic analysis and glycopeptides enrichment. <i>Journal of Chromatography A</i> , 2017 , 1498, 37-45	4.5	19
14	Chromatographic assessment of two hybrid monoliths prepared via epoxy-amine ring-opening polymerization and methacrylate-based free radical polymerization using methacrylate epoxy cyclosiloxane as functional monomer. <i>Journal of Chromatography A</i> , 2014 , 1367, 131-40	4.5	19
13	Silica Monolith Nested in Sponge (SiMNS): A Composite Monolith as a New Solid Phase Extraction Material for Environmental Analysis. <i>Analytical Chemistry</i> , 2019 , 91, 3659-3666	7.8	17
12	A hybrid fluoros monolithic capillary column with integrated nanoelectrospray ionization emitter for determination of perfluoroalkyl acids by nano-liquid chromatography-nanoelectrospray ionization-mass spectrometry/mass spectrometry. <i>Journal of Chromatography A</i> , 2016 , 1440, 66-73	4.5	16
11	Functionalization of hybrid monolithic columns via thiol-ene click reaction for proteomics analysis. <i>Journal of Chromatography A</i> , 2017 , 1498, 29-36	4.5	15
10	Preparation of polyhedral oligomeric silsesquioxane based hybrid monoliths by ring-opening polymerization for capillary LC and CEC. <i>Journal of Separation Science</i> , 2013 , 36, 2819-25	3.4	15
9	Pesticides and trace elements in cannabis: Analytical and environmental challenges and opportunities. <i>Journal of Environmental Sciences</i> , 2019 , 85, 82-93	6.4	14
8	Stable Isotopic Labeling and Nontarget Identification of Nanogram/Liter Amino Contaminants in Water. <i>Analytical Chemistry</i> , 2019 , 91, 13213-13221	7.8	13
7	Preparation of cyclodextrin-modified monolithic hybrid columns for the fast enantioseparation of hydroxy acids in capillary liquid chromatography. <i>Journal of Separation Science</i> , 2016 , 39, 1110-7	3.4	13
6	Chromatographic efficiency comparison of polyhedral oligomeric silsesquioxanes-containing hybrid monoliths via photo- and thermally-initiated free-radical polymerization in capillary liquid chromatography for small molecules. <i>Journal of Chromatography A</i> , 2015 , 1410, 110-7	4.5	12
5	One-Pot Approach to Prepare Organo-silica Hybrid Capillary Monolithic Column with Intact Mesoporous Silica Nanoparticle as Building Block. <i>Scientific Reports</i> , 2016 , 6, 34718	4.9	11
4	Porous styryl-linked polyhedral oligomeric silsesquioxane (POSS) polymers used as a support for platinum catalysts. <i>Materials Chemistry Frontiers</i> , 2019 , 3, 851-859	7.8	10
3	One-Pot Preparation of Macroporous Organic-Silica Monolith for the Organics-/Oil-Water Separation. <i>ChemistrySelect</i> , 2017 , 2, 4538-4544	1.8	6
2	Nontargeted Identification of an -Heterocyclic Compound in Source Water and Wastewater as a Precursor of Multiple Nitrosamines. <i>Environmental Science & Technology</i> , 2021 , 55, 385-392	10.3	4

- 1 Facile Synthesis of Dodecamine Organic Cage-Based Monolithic Microreactor via Ring-Opening Polymerization Following Spontaneous Reduction of Gold Ions for Continuous Flow Catalysis. *ChemistrySelect*, **2017**, 2, 10880-10884 1.8 2