

# Junjie Ou

## List of Publications by Year in descending order

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90  
papers

2,850  
citations

159358

30  
h-index

197535

49  
g-index

93  
all docs

93  
docs citations

93  
times ranked

2058  
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation and Evaluation of a Molecularly Imprinted Polymer Derivatized Silica Monolithic Column for Capillary Electrochromatography and Capillary Liquid Chromatography. <i>Analytical Chemistry</i> , 2007, 79, 639-646.	3.2	142
2	Fabrication of Hydrazone-Linked Covalent Organic Frameworks Using Alkyl Amine as Building Block for High Adsorption Capacity of Metal Ions. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 11706-11714.	4.0	139
3	Determination of dl-tetrahydropalmatine in <i>Corydalis yanhusuo</i> by l-tetrahydropalmatine imprinted monolithic column coupling with reversed-phase high performance liquid chromatography. <i>Journal of Chromatography A</i> , 2006, 1117, 163-169.	1.8	117
4	Determination of phenolic compounds in river water with on-line coupling bisphenol A imprinted monolithic precolumn with high performance liquid chromatography. <i>Talanta</i> , 2006, 69, 1001-1006.	2.9	106
5	Ring-opening polymerization reaction of polyhedral oligomeric silsesquioxanes (POSSs) for preparation of well-controlled 3D skeletal hybrid monoliths. <i>Chemical Communications</i> , 2013, 49, 231-233.	2.2	96
6	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.	6.5	91
7	Recent development of hybrid organic-silica monolithic columns in CEC and capillary LC. <i>Electrophoresis</i> , 2015, 36, 62-75.	1.3	90
8	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 &amp; Interfaces</i> , 2016, 8, 20292-20300.	4.0	84
9	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, 8789-8797.	3.2	72
10	Recent advances in preparation and application of hybrid organic-silica monolithic capillary columns. <i>Electrophoresis</i> , 2013, 34, 126-140.	1.3	70
11	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.	1.8	65
12	Synthesis of zwitterionic polymer brushes hybrid silica nanoparticles via controlled polymerization for highly efficient enrichment of glycopeptides. <i>Analytica Chimica Acta</i> , 2014, 809, 61-68.	2.6	62
13	Efficient enrichment of glycopeptides using metal-organic frameworks by hydrophilic interaction chromatography. <i>Analyst</i> , 2014, 139, 4987-4993.	1.7	62
14	Facile Fabrication of Biomimetic Chitosan Membrane with Honeycomb-Like Structure for Enrichment of Glycosylated Peptides. <i>Analytical Chemistry</i> , 2019, 91, 2985-2993.	3.2	56
15	Challenges and Advances in the Fabrication of Monolithic Bioseparation Materials and their Applications in Proteomics Research. <i>Advanced Materials</i> , 2019, 31, e1902023.	11.1	52
16	Recent progress in polar stationary phases for CEC. <i>Electrophoresis</i> , 2007, 28, 148-163.	1.3	50
17	Enantioseparation of tetrahydropalmatine and Tröger's base by molecularly imprinted monolith in capillary electrochromatography. <i>Journal of Proteomics</i> , 2007, 70, 71-76.	2.4	50
18	Polyhedral oligomeric silsesquioxanes as functional monomer to prepare hybrid monolithic columns for capillary electrochromatography and capillary liquid chromatography. <i>Analytica Chimica Acta</i> , 2013, 761, 209-216.	2.6	49

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19	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, 9288-9290.	2.2	49
20	Click polymerization for preparation of monolithic columns for liquid chromatography. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 82, 89-99.	5.8	49
21	Thiol-Epoxy Click Polymerization for Preparation of Polymeric Monoliths with Well-Defined 3D Framework for Capillary Liquid Chromatography. <i>Analytical Chemistry</i> , 2015, 87, 3476-3483.	3.2	48
22	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, 103-110.	1.8	47
23	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, 70-77.	1.8	46
24	Integration of covalent organic frameworks into hydrophilic membrane with hierarchical porous structure for fast adsorption of metal ions. <i>Journal of Hazardous Materials</i> , 2021, 407, 124390.	6.5	44
25	Facile Preparation of Titanium(IV)-Immobilized Hierarchically Porous Hybrid Monoliths. <i>Analytical Chemistry</i> , 2017, 89, 4655-4662.	3.2	39
26	Synthesis and Characterization of Hydrazide-Linked and Amide-Linked Organic Polymers. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 32060-32067.	4.0	36
27	Facile preparation of polysaccharide functionalized macroporous adsorption resin for highly selective enrichment of glycopeptides. <i>Journal of Chromatography A</i> , 2017, 1498, 72-79.	1.8	33
28	One-step preparation of phosphate-rich carbonaceous spheres via a hydrothermal approach for phosphopeptide analysis. <i>Green Chemistry</i> , 2019, 21, 2052-2060.	4.6	33
29	Hybrid monolithic columns coated with cellulose tris(3,5-dimethylphenyl-carbamate) for enantioseparations in capillary electrochromatography and capillary liquid chromatography. <i>Journal of Chromatography A</i> , 2012, 1269, 372-378.	1.8	32
30	Preparation and application of hydrophobic hybrid monolithic columns containing polyhedral oligomeric silsesquioxanes for capillary electrochromatography. <i>Electrophoresis</i> , 2012, 33, 1660-1668.	1.3	32
31	Recent application of molecular imprinting technique in food safety. <i>Journal of Chromatography A</i> , 2021, 1657, 462579.	1.8	31
32	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.	1.8	29
33	Facile preparation of bifunctional adsorbents for efficiently enriching N-glycopeptides and phosphopeptides. <i>Analytica Chimica Acta</i> , 2021, 1144, 111-120.	2.6	29
34	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, 90-98.	2.6	27
35	One-step fabrication of cinchona-based hybrid monolithic chiral stationary phases via photo-initiated thiol-ene polymerization for cLC enantioseparation. <i>Talanta</i> , 2019, 198, 432-439.	2.9	27
36	Facile fabrication of zwitterionic magnetic composites by one-step distillation-precipitation polymerization for highly specific enrichment of glycopeptides. <i>Analytica Chimica Acta</i> , 2019, 1053, 43-53.	2.6	27

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37	Progress of molecular imprinting technique for enantioseparation of chiral drugs in recent ten years. <i>Journal of Chromatography A</i> , 2022, 1668, 462914.	1.8	27
38	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.	1.8	26
39	Facile preparation of microporous organic polymers functionalized macroporous hydrophilic resin for selective enrichment of glycopeptides. <i>Analytica Chimica Acta</i> , 2018, 1030, 96-104.	2.6	26
40	One-Step Preparation of Zwitterionic-Rich Hydrophilic Hydrothermal Carbonaceous Materials for Enrichment of <i>N</i> -Glycopeptides. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 11511-11520.	3.2	25
41	Chiral separation of 1,1'-bi-2-naphthol and its analogue on molecular imprinting monolithic columns by HPLC. <i>Journal of Separation Science</i> , 2005, 28, 2282-2287.	1.3	24
42	Fast preparation of hybrid monolithic columns via photo-initiated thiol-yne polymerization for capillary liquid chromatography. <i>Journal of Chromatography A</i> , 2018, 1538, 8-16.	1.8	24
43	Functionalization of hybrid monolithic columns via thiol-ene click reaction for proteomics analysis. <i>Journal of Chromatography A</i> , 2017, 1498, 29-36.	1.8	23
44	Preparation of epoxy-functionalized hierarchically porous hybrid monoliths via free radical polymerization and application in HILIC enrichment of glycopeptides. <i>Analytica Chimica Acta</i> , 2019, 1058, 97-106.	2.6	23
45	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.	2.6	22
46	A hybrid fluorinated 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.	1.8	22
47	Porous styryl-linked polyhedral oligomeric silsesquioxane (POSS) polymers used as a support for platinum catalysts. <i>Materials Chemistry Frontiers</i> , 2019, 3, 851-859.	3.2	22
48	Glutathione-modified ordered mesoporous silicas for enrichment of N-linked glycopeptides by hydrophilic interaction chromatography. <i>Talanta</i> , 2020, 217, 121082.	2.9	22
49	Improving permeability and chromatographic performance of poly(pentaerythritol diacrylate) Tj ETQq1 1 0.784314 rgBT /Overlock 10 <i>Journal of Chromatography A</i> , 2016, 1436, 100-108.	1.8	21
50	Facile preparation of multi-functionalized hybrid monoliths via two-step photo-initiated reactions for two-dimensional liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2017, 1524, 135-142.	1.8	21
51	Sol-gel preparation of titanium (IV)-immobilized hierarchically porous organosilica hybrid monoliths. <i>Analytica Chimica Acta</i> , 2019, 1046, 199-207.	2.6	21
52	Comparative evaluation of MAX-Ti <sub>3</sub> AlC <sub>2</sub> and MXene-Ti <sub>3</sub> C <sub>2</sub> as affinity chromatographic materials for highly selective enrichment of phosphopeptides. <i>Nanoscale</i> , 2021, 13, 2923-2930.	2.8	21
53	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, 131-140.	1.8	20
54	Thiol-radical-mediated polymerization for preparation of POSS-containing polyacrylate monoliths in capillary liquid chromatography. <i>Talanta</i> , 2018, 190, 62-69.	2.9	20

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55	Preparation of open tubular capillary columns by in situ ring-opening polymerization and their applications in cLC-MS/MS analysis of tryptic digest. <i>Analytica Chimica Acta</i> , 2017, 979, 58-65.	2.6	18
56	Synthesis of polymeric monoliths via thiol-maleimide polymerization reaction for highly efficient chromatographic separation. <i>Journal of Chromatography A</i> , 2017, 1514, 72-79.	1.8	18
57	Fabrication of a reusable bifunctional biomimetic Ti <sup>4+</sup> -phosphorylated cellulose monolith with a coral-like structure for enrichment of phosphorylated and glycosylated peptides. <i>Green Chemistry</i> , 2021, 23, 7674-7684.	4.6	18
58	Au <sup>+</sup> -cysteine modified macroporous adsorption resin: preparation and highly selective enrichment and identification of N-linked glycopeptides from the complex biological sample. <i>RSC Advances</i> , 2016, 6, 113058-113065.	1.7	17
59	Recent advances of restricted access molecularly imprinted materials and their applications in food and biological samples analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2022, 147, 116526.	5.8	17
60	Preparation of cyclodextrin <sup>+</sup> -modified monolithic hybrid columns for the fast enantioseparation of hydroxy acids in capillary liquid chromatography. <i>Journal of Separation Science</i> , 2016, 39, 1110-1117.	1.3	16
61	Bioinspired dandelion-like silica nanoparticles modified with L-glutathione for highly efficient enrichment of N-glycopeptides in biological samples. <i>Analytica Chimica Acta</i> , 2021, 1173, 338694.	2.6	14
62	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, 110-117.	1.8	13
63	One-step synthesis of hydrophilic microspheres for highly selective enrichment of N-linked glycopeptides. <i>Analytica Chimica Acta</i> , 2020, 1130, 91-99.	2.6	13
64	Free-standing lamellar 3D architectures assembled from chitosan as a reusable titanium-immobilized affinity membrane for efficiently capturing phosphopeptides. <i>Green Chemistry</i> , 2022, 24, 238-250.	4.6	13
65	Facile one-pot <sup>+</sup> preparation of phosphonate functional polythiophene based microsphere via Friedel-Crafts reaction for selective enrichment of phosphopeptides from milk. <i>Analytica Chimica Acta</i> , 2022, 1190, 339268.	2.6	12
66	A one step <sup>+</sup> approach for preparation of an octadecyl <sup>+</sup> -silica hybrid monolithic column via a non-hydrolytic sol <sup>+</sup> -gel (NHSG) method. <i>RSC Advances</i> , 2013, 3, 22160.	1.7	11
67	Fast fabrication of a hybrid monolithic column containing cyclic and aliphatic hydrophobic ligands via photo <sup>+</sup> -initiated thiol <sup>+</sup> -ene polymerization. <i>Journal of Separation Science</i> , 2019, 42, 1332-1340.	1.3	10
68	Highly selective enrichment and direct determination of imazethapyr residues from milk using magnetic solid-phase extraction based on restricted-access molecularly imprinted polymers. <i>Analytical Methods</i> , 2021, 13, 426-435.	1.3	10
69	Design and fabrication of reusable core <sup>+</sup> -shell composite microspheres based on nanodiamond for selective enrichment of phosphopeptides. <i>Mikrochimica Acta</i> , 2022, 189, 124.	2.5	10
70	Fast fabrication and modification of polyoctahedral silsesquioxane-containing monolithic columns via two-step photo-initiated reactions and their application in proteome analysis of tryptic digests. <i>Talanta</i> , 2020, 209, 120526.	2.9	9
71	Palladium catalyst imbedded in polymers of intrinsic microporosity for the Suzuki <sup>+</sup> -Miyaura coupling reaction. <i>RSC Advances</i> , 2018, 8, 35205-35210.	1.7	8
72	One-step preparation of cyclen-containing hydrophilic polymeric monolithic materials via epoxy-amine ring-opening reaction and their application in enrichment of N-glycopeptides. <i>Talanta</i> , 2021, 225, 122049.	2.9	8

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73	Interface-Engineered Hollow Nanospheres with Titanium(IV) Binding Sites and Microwindows as Affinity Probes for Ultrafast and Enhanced Phosphopeptides Enrichment. <i>Analytical Chemistry</i> , 2022, 94, 5159-5166.	3.2	8
74	Bioinspired honeycomb-like 3D architectures self-assembled from chitosan as dual-functional membrane for effective adsorption and detection of copper ion. <i>Microporous and Mesoporous Materials</i> , 2022, 335, 111859.	2.2	8
75	One-Pot Preparation of Macroporous Organic-Silica Monolith for the Organics-Oil-Water Separation. <i>ChemistrySelect</i> , 2017, 2, 4538-4544.	0.7	7
76	Thiol-ene polymerization for hierarchically porous hybrid materials by adding degradable polycaprolactone for adsorption of bisphenol A. <i>Journal of Hazardous Materials</i> , 2019, 367, 465-472.	6.5	7
77	Atomically Precise Structure Determination of Porous Organic Cage from Ab Initio PXRD Structure Analysis: Its Molecular Click Postfunctionalization and CO <sub>2</sub> Capture Application. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 17815-17823.	4.0	7
78	Fabrication of hydrophilic zwitterionic microspheres via inverse suspension polymerization for the enrichment of N-glycopeptides. <i>Mikrochimica Acta</i> , 2021, 188, 348.	2.5	7
79	Enantioseparation in high performance liquid chromatography: preparation and evaluation of a vancomycin-based chiral stationary phase <i>via</i> surface-initiated atom transfer radical polymerization. <i>Analytical Methods</i> , 2022, 14, 1221-1231.	1.3	7
80	Robust Titanium Phenolate-Modified Microspheres as Reusable Affinity Materials for Selectively Capturing Phosphopeptides from Complicated Biosamples. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 17025-17033.	3.2	6
81	Synthesis of a stationary phase based on silica modified with branched octadecyl groups by Michael addition and photoinduced thiol-yne click chemistry for the separation of basic compounds. <i>Journal of Separation Science</i> , 2016, 39, 1461-1470.	1.3	5
82	Facile fabrication of hollow tubular covalent organic frameworks using decomposable monomer as building block. <i>RSC Advances</i> , 2021, 11, 20899-20910.	1.7	5
83	Integrated Microstructured Photonic Fiber as a Bifunctional Robust Frit and Efficient Electrospray Emitter of a Packed Column for Capillary Liquid Chromatography-Tandem Mass Spectrometry Analysis of Complex Biological Samples. <i>Analytical Chemistry</i> , 2020, 92, 2274-2282.	3.2	4
84	One-step fabrication of nitrogen-rich linear porous organic polymer-based micron-sized sphere for selective enrichment of glycopeptides. <i>Analytica Chimica Acta</i> , 2022, 1215, 339988.	2.6	4
85	Fabrication of hydrophilic titanium (IV)-immobilized polydispersed microspheres via inverse suspension polymerization for enrichment of phosphopeptides in milk. <i>Food Chemistry</i> , 2022, 395, 133608.	4.2	4
86	Preparation of core-shell microporous organic polymer-coated silica microspheres for chromatographic separation and N-glycopeptides enrichment. <i>Journal of Separation Science</i> , 2022, 45, 1458-1468.	1.3	3
87	Design and construction of a hydrophilic coating on macroporous adsorbent resins for enrichment of glycopeptides. <i>Analytical Methods</i> , 2021, 13, 4515-4527.	1.3	3
88	Facile Synthesis of Dodecamine Organic Cage-Based Monolithic Microreactor via Ring-Opening Polymerization Following Spontaneous Reduction of Gold Ions for Continuous Flow Catalysis. <i>ChemistrySelect</i> , 2017, 2, 10880-10884.	0.7	2
89	Fabrication of highly crosslinked and monodispersed silicon-containing polymeric microspheres via photo-initiated polymerization and their application in capillary liquid chromatography. <i>Journal of Chromatography A</i> , 2021, 1659, 462643.	1.8	2
90	One-pot synthesis of glucose-derived carbonaceous material with high hydrophilicity and adsorption capacity as bilirubin adsorbent. <i>Journal of Materials Science</i> , 2021, 56, 18006-18018.	1.7	1