

# Junjie Ou

## List of Publications by Year in Descending Order

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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.

85  
papers

2,189  
citations

28  
h-index

43  
g-index

93  
ext. papers

2,548  
ext. citations

6  
avg, IF

5.1  
L-index

#	Paper	IF	Citations
85	Free-standing lamellar 3D architectures assembled from chitosan as a reusable titanium-immobilized affinity membrane for efficiently capturing phosphopeptides. <i>Green Chemistry</i> , <b>2022</b> , 24, 238-250	10	2
84	Recent advances of restricted access molecularly imprinted materials and their applications in food and biological samples analysis. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2022</b> , 147, 116526	14.6	2
83	Facile "one-pot" preparation of phosphonate functional polythiophene based microsphere via Friedel-Crafts reaction for selective enrichment of phosphopeptides from milk. <i>Analytica Chimica Acta</i> , <b>2022</b> , 1190, 339268	6.6	2
82	Design and fabrication of reusable core-shell composite microspheres based on nanodiamond for selective enrichment of phosphopeptides.. <i>Mikrochimica Acta</i> , <b>2022</b> , 189, 124	5.8	1
81	Progress of molecular imprinting technique for enantioseparation of chiral drugs in recent ten years.. <i>Journal of Chromatography A</i> , <b>2022</b> , 1668, 462914	4.5	2
80	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> , <b>2022</b> , 335, 111859	5.3	2
79	One-step fabrication of nitrogen-rich linear porous organic polymer-based micron-sized sphere for selective enrichment of glycopeptides. <i>Analytica Chimica Acta</i> , <b>2022</b> , 1215, 339988	6.6	1
78	Facile fabrication of hollow tubular covalent organic frameworks using decomposable monomer as building block.. <i>RSC Advances</i> , <b>2021</b> , 11, 20899-20910	3.7	3
77	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> , <b>2021</b> , 1659, 462643	4.5	0
76	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> , <b>2021</b> , 225, 122049	6.2	3
75	Facile preparation of bifunctional adsorbents for efficiently enriching N-glycopeptides and phosphopeptides. <i>Analytica Chimica Acta</i> , <b>2021</b> , 1144, 111-120	6.6	10
74	Integration of covalent organic frameworks into hydrophilic membrane with hierarchical porous structure for fast adsorption of metal ions. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 407, 124390	12.8	16
73	Bioinspired dandelion-like silica nanoparticles modified with L-glutathione for highly efficient enrichment of N-glycopeptides in biological samples. <i>Analytica Chimica Acta</i> , <b>2021</b> , 1173, 338694	6.6	3
72	One-pot synthesis of glucose-derived carbonaceous material with high hydrophilicity and adsorption capacity as bilirubin adsorbent. <i>Journal of Materials Science</i> , <b>2021</b> , 56, 18006-18018	4.3	0
71	Fabrication of hydrophilic zwitterionic microspheres via inverse suspension polymerization for the enrichment of N-glycopeptides. <i>Mikrochimica Acta</i> , <b>2021</b> , 188, 348	5.8	0
70	Recent application of molecular imprinting technique in food safety. <i>Journal of Chromatography A</i> , <b>2021</b> , 1657, 462579	4.5	11
69	Comparative evaluation of MAX-TiAlC and MXene-TiC as affinity chromatographic materials for highly selective enrichment of phosphopeptides. <i>Nanoscale</i> , <b>2021</b> , 13, 2923-2930	7.7	5

68	Design and construction of a hydrophilic coating on macroporous adsorbent resins for enrichment of glycopeptides. <i>Analytical Methods</i> , <b>2021</b> , 13, 4515-4527	3.2	1
67	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> , <b>2021</b> , 13, 426-435	3.2	4
66	Robust Titanium Phenolate-Modified Microspheres as Reusable Affinity Materials for Selectively Capturing Phosphopeptides from Complicated Biosamples. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2021</b> , 9, 17025-17033	8.3	1
65	Atomically Precise Structure Determination of Porous Organic Cage from Ab Initio PXRD Structure Analysis: Its Molecular Click Postfunctionalization and CO Capture Application. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 17815-17823	9.5	4
64	Glutathione-modified ordered mesoporous silicas for enrichment of N-linked glycopeptides by hydrophilic interaction chromatography. <i>Talanta</i> , <b>2020</b> , 217, 121082	6.2	12
63	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> , <b>2020</b> , 209, 120526	6.2	5
62	Integrated Microstructured Photonic Fiber as a Bifunctional Robust Frit and Efficient Electropray Emitter of a Packed Column for Capillary Liquid Chromatography-Tandem Mass Spectrometry Analysis of Complex Biological Samples. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 2274-2282	7.8	2
61	One-step synthesis of hydrophilic microspheres for highly selective enrichment of N-linked glycopeptides. <i>Analytica Chimica Acta</i> , <b>2020</b> , 1130, 91-99	6.6	6
60	Challenges and Advances in the Fabrication of Monolithic Bioseparation Materials and their Applications in Proteomics Research. <i>Advanced Materials</i> , <b>2019</b> , 31, e1902023	24	34
59	Thiol-ene polymerization for hierarchically porous hybrid materials by adding degradable polycaprolactone for adsorption of bisphenol A. <i>Journal of Hazardous Materials</i> , <b>2019</b> , 367, 465-472	12.8	7
58	Facile Fabrication of Biomimetic Chitosan Membrane with Honeycomb-Like Structure for Enrichment of Glycosylated Peptides. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 2985-2993	7.8	39
57	Preparation of epoxy-functionalized hierarchically porous hybrid monoliths via free radical polymerization and application in HILIC enrichment of glycopeptides. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1058, 97-106	6.6	16
56	One-Step Preparation of Zwitterionic-Rich Hydrophilic Hydrothermal Carbonaceous Materials for Enrichment of N-Glycopeptides. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 11511-11520	8.3	17
55	Porous styryl-linked polyhedral oligomeric silsesquioxane (POSS) polymers used as a support for platinum catalysts. <i>Materials Chemistry Frontiers</i> , <b>2019</b> , 3, 851-859	7.8	10
54	One-step preparation of phosphate-rich carbonaceous spheres via a hydrothermal approach for phosphopeptide analysis. <i>Green Chemistry</i> , <b>2019</b> , 21, 2052-2060	10	20
53	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> , <b>2019</b> , 11, 11706-11714	9.5	71
52	Fast fabrication of a hybrid monolithic column containing cyclic and aliphatic hydrophobic ligands via photo-initiated thiol-ene polymerization. <i>Journal of Separation Science</i> , <b>2019</b> , 42, 1332-1340	3.4	7
51	One-step fabrication of cinchona-based hybrid monolithic chiral stationary phases via photo-initiated thiol-ene polymerization for cLC enantioseparation. <i>Talanta</i> , <b>2019</b> , 198, 432-439	6.2	15

50	Facile fabrication of zwitterionic magnetic composites by one-step distillation-precipitation polymerization for highly specific enrichment of glycopeptides. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1053, 43-53	6.6	18
49	Sol-gel preparation of titanium (IV)-immobilized hierarchically porous organosilica hybrid monoliths. <i>Analytica Chimica Acta</i> , <b>2019</b> , 1046, 199-207	6.6	13
48	Fast preparation of hybrid monolithic columns via photo-initiated thiol-yne polymerization for capillary liquid chromatography. <i>Journal of Chromatography A</i> , <b>2018</b> , 1538, 8-16	4.5	16
47	Thiol-radical-mediated polymerization for preparation of POSS-containing polyacrylate monoliths in capillary liquid chromatography. <i>Talanta</i> , <b>2018</b> , 190, 62-69	6.2	15
46	Palladium catalyst imbedded in polymers of intrinsic microporosity for the Suzuki-Miyaura coupling reaction.. <i>RSC Advances</i> , <b>2018</b> , 8, 35205-35210	3.7	8
45	Facile preparation of microporous organic polymers functionalized macroporous hydrophilic resin for selective enrichment of glycopeptides. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1030, 96-104	6.6	19
44	Construction of hierarchically porous monoliths from covalent organic frameworks (COFs) and their application for bisphenol A removal. <i>Journal of Hazardous Materials</i> , <b>2018</b> , 355, 145-153	12.8	60
43	Functionalization of hybrid monolithic columns via thiol-ene click reaction for proteomics analysis. <i>Journal of Chromatography A</i> , <b>2017</b> , 1498, 29-36	4.5	15
42	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> , <b>2017</b> , 979, 58-65	6.6	16
41	One-Pot Preparation of Macroporous Organic-Silica Monolith for the Organics-/Oil-Water Separation. <i>ChemistrySelect</i> , <b>2017</b> , 2, 4538-4544	1.8	6
40	Facile Preparation of Titanium(IV)-Immobilized Hierarchically Porous Hybrid Monoliths. <i>Analytical Chemistry</i> , <b>2017</b> , 89, 4655-4662	7.8	29
39	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> , <b>2017</b> , 1498, 37-45	4.5	19
38	Facile preparation of polysaccharide functionalized macroporous adsorption resin for highly selective enrichment of glycopeptides. <i>Journal of Chromatography A</i> , <b>2017</b> , 1498, 72-79	4.5	30
37	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> , <b>2017</b> , 1524, 135-142	4.5	14
36	Synthesis of polymeric monoliths via thiol-maleimide polymerization reaction for highly efficient chromatographic separation. <i>Journal of Chromatography A</i> , <b>2017</b> , 1514, 72-79	4.5	17
35	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> , <b>2017</b> , 2, 10880-10884	1.8	2
34	Au <sub>2</sub> S <sub>2</sub> modified macroporous adsorption resin: preparation and highly selective enrichment and identification of N-linked glycopeptides from the complex biological sample. <i>RSC Advances</i> , <b>2016</b> , 6, 113058-113065	3.7	14
33	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> , <b>2016</b> , 8, 20292-300	9.5	66

32	Synthesis and Characterization of Hydrazone-Linked and Amide-Linked Organic Polymers. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 32060-32067	9.5	28
31	Click polymerization for preparation of monolithic columns for liquid chromatography. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2016</b> , 82, 89-99	14.6	46
30	Improving permeability and chromatographic performance of poly(pentaerythritol diacrylate monostearate) monolithic column via photo-induced thiol-acrylate polymerization. <i>Journal of Chromatography A</i> , <b>2016</b> , 1436, 100-8	4.5	21
29	Preparation of cyclodextrin-modified monolithic hybrid columns for the fast enantioseparation of hydroxy acids in capillary liquid chromatography. <i>Journal of Separation Science</i> , <b>2016</b> , 39, 1110-7	3.4	13
28	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> , <b>2016</b> , 39, 1461-70	3.4	5
27	Rapid "one-pot" preparation of polymeric monolith via photo-initiated thiol-acrylate polymerization for capillary liquid chromatography. <i>Analytica Chimica Acta</i> , <b>2016</b> , 925, 88-96	6.6	22
26	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> , <b>2016</b> , 1440, 66-73	4.5	16
25	Preparation of hybrid monolithic columns via "one-pot" photoinitiated thiol-acrylate polymerization for retention-independent performance in capillary liquid chromatography. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 8789-97	7.8	69
24	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> , <b>2015</b> , 1394, 103-10	4.5	46
23	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> , <b>2015</b> , 1416, 74-82	4.5	27
22	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> , <b>2015</b> , 1410, 110-7	4.5	12
21	Recent development of hybrid organic-silica monolithic columns in CEC and capillary LC. <i>Electrophoresis</i> , <b>2015</b> , 36, 62-75	3.6	81
20	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> , <b>2015</b> , 883, 90-8	6.6	25
19	Thiol-epoxy click polymerization for preparation of polymeric monoliths with well-defined 3D framework for capillary liquid chromatography. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 3476-83	7.8	47
18	Facile construction of macroporous hybrid monoliths via thiol-methacrylate Michael addition click reaction for capillary liquid chromatography. <i>Journal of Chromatography A</i> , <b>2015</b> , 1379, 34-42	4.5	60
17	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> , <b>2014</b> , 1367, 131-40	4.5	19
16	Photoinduced thiol-ene polymerization reaction for fast preparation of macroporous hybrid monoliths and their application in capillary liquid chromatography. <i>Chemical Communications</i> , <b>2014</b> , 50, 9288-90	5.8	46
15	Efficient enrichment of glycopeptides using metal-organic frameworks by hydrophilic interaction chromatography. <i>Analyst, The</i> , <b>2014</b> , 139, 4987-93	5	54

14	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> , <b>2014</b> , 1342, 70-7	4.5	44
13	Synthesis of zwitterionic polymer brushes hybrid silica nanoparticles via controlled polymerization for highly efficient enrichment of glycopeptides. <i>Analytica Chimica Acta</i> , <b>2014</b> , 809, 61-8	6.6	56
12	Ring-opening polymerization reaction of polyhedral oligomeric silsesquioxanes (POSSs) for preparation of well-controlled 3D skeletal hybrid monoliths. <i>Chemical Communications</i> , <b>2013</b> , 49, 231-3	5.8	91
11	Polyhedral oligomeric silsesquioxanes as functional monomer to prepare hybrid monolithic columns for capillary electrochromatography and capillary liquid chromatography. <i>Analytica Chimica Acta</i> , <b>2013</b> , 761, 209-16	6.6	46
10	Recent advances in preparation and application of hybrid organic-silica monolithic capillary columns. <i>Electrophoresis</i> , <b>2013</b> , 34, 126-40	3.6	68
9	A one step approach for preparation of an octadecyl silica hybrid monolithic column via a non-hydrolytic sol-gel (NHSG) method. <i>RSC Advances</i> , <b>2013</b> , 3, 22160	3.7	11
8	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> , <b>2012</b> , 1269, 372-8	4.5	28
7	Preparation and application of hydrophobic hybrid monolithic columns containing polyhedral oligomeric silsesquioxanes for capillary electrochromatography. <i>Electrophoresis</i> , <b>2012</b> , 33, 1660-8	3.6	30
6	Preparation and evaluation of a molecularly imprinted polymer derivatized silica monolithic column for capillary electrochromatography and capillary liquid chromatography. <i>Analytical Chemistry</i> , <b>2007</b> , 79, 639-46	7.8	138
5	Recent progress in polar stationary phases for CEC. <i>Electrophoresis</i> , <b>2007</b> , 28, 148-63	3.6	48
4	Enantioseparation of tetrahydropalmatine and Tröger's base by molecularly imprinted monolith in capillary electrochromatography. <i>Journal of Proteomics</i> , <b>2007</b> , 70, 71-6		46
3	Determination of phenolic compounds in river water with on-line coupling bisphenol A imprinted monolithic precolumn with high performance liquid chromatography. <i>Talanta</i> , <b>2006</b> , 69, 1001-6	6.2	97
2	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> , <b>2006</b> , 1117, 163-9	4.5	110
1	Chiral separation of 1,1'-bi-2-naphthol and its analogue on molecular imprinting monolithic columns by HPLC. <i>Journal of Separation Science</i> , <b>2005</b> , 28, 2282-7	3.4	20