

# Ajuan Yu

## List of Publications by Year in descending order

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35  
papers

816  
citations

430874

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501196

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Homochiral porous coordination polymer of Eu <sup>III</sup> for metal ion sensing and enantioselective adsorption. <i>CrystEngComm</i> , 2022, 24, 1156-1160.	2.6	4
2	Crystal morphology tuning and green post-synthetic modification of metal organic framework for HPLC enantioseparation. <i>Talanta</i> , 2022, 239, 123143.	5.5	17
3	Experimentally probing the chiral recognition mechanism of 1,1'-bi-2-naphthol on a nitrogen enriched chiral metal-organic framework. <i>Microchemical Journal</i> , 2022, 174, 107092.	4.5	4
4	A novel methodology and strategy to detect low molecular aldehydes in beer based on charged microdroplet driving online derivatization and high resolution mass spectrometry. <i>Food Chemistry</i> , 2022, 383, 132380.	8.2	6
5	Adsorption behavior and mechanism of Hg (II) on a porous core-shell copper hydroxy sulfate@MOF composite. <i>Applied Surface Science</i> , 2021, 538, 148054.	6.1	46
6	Decorated traditional cellulose with nanoscale chiral metal-organic frameworks for enhanced enantioselective capture. <i>Chemical Communications</i> , 2021, 57, 10343-10346.	4.1	7
7	Morphology-maintaining synthesis of copper hydroxy phosphate@metal-organic framework composite for extraction and determination of trace mercury in rice. <i>Food Chemistry</i> , 2021, 343, 128508.	8.2	25
8	Targeting Enrichment and Correlation Studies of Glutathione and Homocysteine in IgAVN Patient Urine Based on a Core-Shell Zr-Based Metal-Organic Framework. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 40070-40078.	8.0	9
9	Sheathed in-situ room-temperature growth covalent organic framework solid-phase microextraction fiber for detecting ultratrace polybrominated diphenyl ethers from environmental samples. <i>Analytica Chimica Acta</i> , 2021, 1176, 338772.	5.4	27
10	Revelation of the chiral recognition of alanine and leucine in an L-phenylalanine-based metal-organic framework. <i>Chemical Communications</i> , 2020, 56, 1034-1037.	4.1	43
11	Controlled fabrication of core-shell silica@chiral metal-organic framework for significant improvement chromatographic separation of enantiomers. <i>Talanta</i> , 2020, 218, 121155.	5.5	31
12	Novel chiral metal organic frameworks functionalized composites for facile preparation of optically pure propranolol hydrochlorides. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 172, 50-57.	2.8	19
13	Facile synthesis of a 3D flower-like SiO <sub>2</sub> -MOF architecture with copper oxide as a copper source for enantioselective capture. <i>New Journal of Chemistry</i> , 2019, 43, 16123-16126.	2.8	5
14	Functionalized metal-organic framework nanocomposites for dispersive solid phase extraction and enantioselective capture of chiral drug intermediates. <i>Journal of Chromatography A</i> , 2018, 1537, 1-9.	3.7	61
15	Determination of oxalate and citrate in urine by capillary electrophoresis using solid-phase extraction and capacitively coupled contactless conductivity based on an improved mini-cell. <i>Journal of Separation Science</i> , 2018, 41, 2623-2631.	2.5	9
16	Engineering a MOF-magnetic graphene oxide nanocomposite for enantioselective capture. <i>Analytical Methods</i> , 2018, 10, 5811-5816.	2.7	20
17	Silica gel microspheres decorated with covalent triazine-based frameworks as an improved stationary phase for high performance liquid chromatography. <i>Journal of Chromatography A</i> , 2017, 1487, 83-88.	3.7	38
18	Synthesis and performance of chiral ferrocene modified silica gel for mixed-mode chromatography. <i>Talanta</i> , 2017, 163, 94-101.	5.5	19

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19	Tetraazacalix[2]arene[2]triazine Coated Fe <sub>3</sub> O <sub>4</sub> /SiO <sub>2</sub> Magnetic Nanoparticles for Simultaneous Dispersive Solid Phase Extraction and Determination of Trace Multitarget Analytes. <i>Analytical Chemistry</i> , 2016, 88, 10523-10532.	6.5	66
20	Determination of trace sulfonamides in foodstuffs by HPLC using a novel mixed-mode functionalized ferrocene sorbent for solid-phase extraction cleanup. <i>Analytical Methods</i> , 2016, 8, 6099-6106.	2.7	7
21	Calixarene ionic liquid modified silica gel: A novel stationary phase for mixed-mode chromatography. <i>Talanta</i> , 2016, 152, 392-400.	5.5	59
22	4-Chloro-6-pyrimidinylferrocene modified silica gel: A novel multiple-function stationary phase for mixed-mode chromatography. <i>Talanta</i> , 2016, 153, 8-16.	5.5	18
23	Determination of trace nitrites and nitrates in human urine and plasma by field-amplified sample stacking open-tubular capillary electrochromatography in a nano-latex coated capillary. <i>Journal of Analytical Chemistry</i> , 2015, 70, 885-891.	0.9	10
24	Development of N-ferrocenyl(benzoyl)amino-acid esters stationary phase for high performance liquid chromatography. <i>Talanta</i> , 2015, 144, 1044-1051.	5.5	11
25	First palladium-catalyzed denitrated coupling of nitroarenes with sulfinates. <i>Tetrahedron</i> , 2014, 70, 9107-9112.	1.9	25
26	Analysis of Nitrites and Nitrates in Hams and Sausages by Open-Tubular Capillary Electrochromatography with a Nanolatex-Coated Capillary Column. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 3400-3404.	5.2	16
27	Development of a V-shape bis(tetraoxacalix[2]arene[2]triazine) stationary phase for High performance liquid chromatography. <i>Talanta</i> , 2014, 130, 63-70.	5.5	20
28	A new stationary phase for high performance liquid chromatography: Calix[4]arene derivatized chitosan bonded silica gel. <i>Journal of Chromatography A</i> , 2014, 1350, 61-67.	3.7	34
29	First palladium-catalyzed denitrated coupling reaction of nitroarenes with phenols. <i>Applied Organometallic Chemistry</i> , 2013, 27, 611-614.	3.5	21
30	A new 4-ferrocenylbenzoyl chloride-bonded stationary phase for high performance liquid chromatography. <i>Journal of Chromatography A</i> , 2013, 1283, 75-81.	3.7	11
31	A 2,2'-bipyridine-palladacycle catalyzed the coupling of arylboronic acids with nitroarenes. <i>Tetrahedron</i> , 2013, 69, 6884-6889.	1.9	25
32	Cyclopalladated ferrocenylimine as an efficient catalyst for the syntheses of diarylmethane derivatives. <i>Applied Organometallic Chemistry</i> , 2012, 26, 301-304.	3.5	10
33	Rapid Separation and Determination of Five Phenolic Acids in Tobacco by CE. <i>Chromatographia</i> , 2010, 72, 1207-1212.	1.3	8
34	A Mild, One-Pot Synthesis of Arylamines via Palladium-Catalyzed Addition of Aryl Aldehydes with Amines and Arylboronic Acids in Water. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 767-771.	4.3	44
35	Cyclopalladated complexes catalyzed addition of arylboronic acids to aldehydes in neat water. <i>Tetrahedron Letters</i> , 2008, 49, 5405-5407.	1.4	40