

Yibing Ji

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1166776/publications.pdf>

Version: 2024-02-01

33
papers

975
citations

430874

18
h-index

434195

31
g-index

34
all docs

34
docs citations

34
times ranked

841
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances in the preparation and application of monolithic capillary columns in separation science. <i>Analytica Chimica Acta</i> , 2016, 931, 1-24.	5.4	88
2	Construction of β -Cyclodextrin Covalent Organic Framework-Modified Chiral Stationary Phase for Chiral Separation. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 48363-48369.	8.0	75
3	Fluorescent paper-based sensor based on carbon dots for detection of folic acid. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 2805-2813.	3.7	59
4	Monoliths with proteins as chiral selectors for enantiomer separation. <i>Talanta</i> , 2012, 91, 7-17.	5.5	57
5	Novel chiral composite membrane prepared via the interfacial polymerization of diethylamino-beta-cyclodextrin for the enantioseparation of chiral drugs. <i>Journal of Membrane Science</i> , 2020, 597, 117635.	8.2	55
6	Applications of nanoparticle-modified stationary phases in capillary electrochromatography. <i>TrAC - Trends in Analytical Chemistry</i> , 2014, 61, 29-39.	11.4	52
7	Preparation of graphene oxide-modified affinity capillary monoliths based on three types of amino donor for chiral separation and proteolysis. <i>Journal of Chromatography A</i> , 2016, 1456, 249-256.	3.7	50
8	Mesoporous silica nanoparticles incorporated hybrid monolithic stationary phase immobilized with pepsin for enantioseparation by capillary electrochromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 140, 190-198.	2.8	50
9	Chiral Carboxyl-Functionalized Covalent Organic Framework for Enantioselective Adsorption of Amino Acids. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 31059-31065.	8.0	46
10	Molecularly imprinted polymer-enhanced biomimetic paper-based analytical devices: A review. <i>Analytica Chimica Acta</i> , 2021, 1148, 238196.	5.4	45
11	Covalent organic framework incorporated chiral polymer monoliths for capillary electrochromatography. <i>Journal of Chromatography A</i> , 2019, 1602, 481-488.	3.7	36
12	Paper-Based 3D Scaffold for Multiplexed Single Cell Secretomic Analysis. <i>Analytical Chemistry</i> , 2018, 90, 5825-5832.	6.5	32
13	Carboxylated single-walled carbon nanotube-functionalized chiral polymer monoliths for affinity capillary electrochromatography. <i>Journal of Chromatography A</i> , 2017, 1487, 227-234.	3.7	31
14	Pepsin-modified chiral monolithic column for affinity capillary electrochromatography. <i>Journal of Separation Science</i> , 2014, 37, 3377-3383.	2.5	29
15	A protein-based mixed selector chiral monolithic stationary phase in capillary electrochromatography. <i>New Journal of Chemistry</i> , 2018, 42, 13520-13528.	2.8	29
16	Preparation and characterization of tentacle-type polymer stationary phase modified with graphene oxide for open-tubular capillary electrochromatography. <i>Journal of Chromatography A</i> , 2015, 1400, 19-26.	3.7	28
17	Preparation and evaluation of bovine serum albumin immobilized chiral monolithic column for affinity capillary electrochromatography. <i>Analytical Biochemistry</i> , 2014, 464, 43-50.	2.4	25
18	Recent advances in the preparation and application of mussel-inspired polydopamine-coated capillary tubes in microextraction and miniaturized chromatography systems. <i>Analytica Chimica Acta</i> , 2018, 1033, 35-48.	5.4	21

#	ARTICLE	IF	CITATIONS
19	β-Cyclodextrin covalent organic framework modified-cellulose acetate membranes for enantioseparation of chiral drugs. Separation and Purification Technology, 2022, 285, 120336.	7.9	17
20	An online immobilized pepsin microreactor based on polymer monoliths for screening inhibitors from natural products. Analytical Methods, 2019, 11, 2465-2472.	2.7	16
21	Nanozyme-mediated cascade reaction system for ratiometric fluorescence detection of sarcosine. Sensors and Actuators B: Chemical, 2022, 355, 131341.	7.8	16
22	Enhanced Chiral Recognition Abilities of Cyclodextrin Covalent Organic Frameworks via Chiral/Achiral Functional Modification. ACS Applied Materials & Interfaces, 2022, 14, 25928-25936.	8.0	16
23	Affinity capillary electrophoresis and fluorescence spectroscopy for studying enantioselective interactions between omeprazole enantiomer and human serum albumin. Electrophoresis, 2017, 38, 1366-1373.	2.4	15
24	The Application of Covalent Organic Frameworks for Chiral Chemistry. Macromolecular Rapid Communications, 2020, 41, e2000404.	3.9	14
25	Preparation and evaluation of a polydopamine-modified capillary silica monolith for capillary electrochromatography. New Journal of Chemistry, 2019, 43, 1009-1016.	2.8	10
26	Facile separation of enantiomers via covalent organic framework bonded stationary phase. Mikrochimica Acta, 2021, 188, 367.	5.0	10
27	Rapid on-line system for preliminary screening of lipase inhibitors from natural products by integrating capillary electrophoresis with immobilized enzyme microreactor. Journal of Separation Science, 2020, 43, 1003-1010.	2.5	9
28	Paper-based fluorescent devices for multifunctional assays: Biomarkers detection, inhibitors screening and chiral recognition. Chinese Chemical Letters, 2022, 33, 4405-4410.	9.0	9
29	Immobilized glucose oxidase on hierarchically porous COFs and integrated nanozymes: a cascade reaction strategy for ratiometric fluorescence sensors. Analytical and Bioanalytical Chemistry, 2022, 414, 6247-6257.	3.7	9
30	A carbon dots functionalized paper coupled with AgNPs composites platform: application as a sensor for hydrogen peroxide detection based on surface plasmon-enhanced energy transfer. New Journal of Chemistry, 2021, 45, 6025-6032.	2.8	8
31	Pharmacokinetic Comparison of 20(R)- and 20(S)-Ginsenoside Rh1 and 20(R)- and 20(S)-Ginsenoside Rg3 in Rat Plasma following Oral Administration of Radix Ginseng Rubra and Sheng-Mai-San Extracts. Evidence-based Complementary and Alternative Medicine, 2017, 2017, 1-10.	1.2	7
32	A new nanosensor for the chiral recognition of cysteine enantiomers based on gold nanorods. New Journal of Chemistry, 2018, 42, 12706-12710.	2.8	6
33	Gold nanoparticles <i>in situ</i> generated on carbon dots grafted paper: application in enantioselective fluorescence sensing of D-alanine. New Journal of Chemistry, 2021, 45, 20419-20425.	2.8	3