

Mioamiao Tian

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2583724/publications.pdf>

Version: 2024-02-01

28
papers

409
citations

759233

12
h-index

752698

20
g-index

29
all docs

29
docs citations

29
times ranked

444
citing authors

#	ARTICLE	IF	CITATIONS
1	Hollow dummy template imprinted boronate-modified polymers for extraction of norepinephrine, epinephrine and dopamine prior to quantitation by HPLC. <i>Mikrochimica Acta</i> , 2019, 186, 686.	5.0	52
2	A capillary electrophoresis-based immobilized enzyme reactor using graphene oxide as a support via layer by layer electrostatic assembly. <i>Analyst, The</i> , 2014, 139, 1973-1979.	3.5	43
3	Boronate-affinity hollow molecularly imprinted polymers for the selective extraction of nucleosides. <i>New Journal of Chemistry</i> , 2017, 41, 7133-7141.	2.8	33
4	Efficient capillary electrophoresis separation and determination of free amino acids in beer samples. <i>Electrophoresis</i> , 2014, 35, 577-584.	2.4	27
5	Using self-polymerization synthesis of boronate-affinity hollow stannic oxide based fragment template molecularly imprinted polymers for the selective recognition of polyphenols. <i>Journal of Chromatography A</i> , 2020, 1612, 460631.	3.7	26
6	Application of capillary enzyme micro-reactor in enzyme activity and inhibitors studies of glucose-6-phosphate dehydrogenase. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 990, 174-180.	2.3	22
7	Boronate-modified hollow molecularly imprinted polymers for selective enrichment of glycosides. <i>Mikrochimica Acta</i> , 2018, 185, 46.	5.0	22
8	Converting solution viscosity to distance-readout on paper substrates based on enzyme-mediated alginate hydrogelation: Quantitative determination of organophosphorus pesticides. <i>Analytica Chimica Acta</i> , 2019, 1071, 1-7.	5.4	22
9	Determination of sialic acid in serum samples by dispersive solid-phase extraction based on boronate-affinity magnetic hollow molecularly imprinted polymer sorbent. <i>RSC Advances</i> , 2019, 9, 5394-5401.	3.6	17
10	Online Enzyme Discrimination and Determination of Substrate Enantiomers Based on Electrophoretically Mediated Microanalysis. <i>Analytical Chemistry</i> , 2012, 84, 6701-6706.	6.5	16
11	Capillary electrophoresis-immobilized enzyme microreactors for acetylcholinesterase assay with surface modification by highly-homogeneous microporous layer. <i>Journal of Chromatography A</i> , 2020, 1609, 460454.	3.7	14
12	Determination of the inhibitory effect of green tea extract on glucose-6-phosphate dehydrogenase based on multilayer capillary enzyme microreactor. <i>Biomedical Chromatography</i> , 2016, 30, 1210-1215.	1.7	13
13	ZIF-based boronic acid functionalized metal-organic frameworks for the enrichment of cis-diol-containing luteolin from food samples prior to HPLC. <i>Mikrochimica Acta</i> , 2021, 188, 229.	5.0	13
14	Gallic acid-affinity molecularly imprinted polymer adsorbent for capture of cis-diol containing Luteolin prior to determination by high performance liquid chromatography. <i>Journal of Chromatography A</i> , 2021, 1637, 461829.	3.7	12
15	Metal oxide-based macroporous ordered double affinity molecularly imprinted polymer for specific separation and enrichment of glycoprotein from food samples: a co-modification of DMSA and boronate affinity. <i>Mikrochimica Acta</i> , 2022, 189, 43.	5.0	11
16	Development of novel magnetic solid phase extraction materials based on Fe ₃ O ₄ /SiO ₂ /poly(acrylamide-N,N'-methylene bisacrylamide)-Pluronic L64 composite microspheres and their application to the enrichment of natamycin. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 1007, 1-7.	2.3	10
17	A new boronate-affinity hollow solid phase extraction adsorbent for the enrichment of cis-diol-containing isoflavones in soybean milk samples. <i>Analytical Methods</i> , 2019, 11, 317-326.	2.7	9
18	Sequential capillary electrophoresis analysis using optically gated sample injection and UV/vis detection. <i>Electrophoresis</i> , 2015, 36, 2380-2385.	2.4	7

#	ARTICLE	IF	CITATIONS
19	Sequential on-line C-terminal sequencing of peptides based on carboxypeptidase Y digestion and optically gated capillary electrophoresis with laser-induced fluorescence detection. <i>Journal of Chromatography A</i> , 2016, 1459, 152-159.	3.7	7
20	Enzyme assay for d -amino acid oxidase using optically gated capillary electrophoresis-laser induced fluorescence detection. <i>Journal of Chromatography A</i> , 2018, 1548, 83-91.	3.7	6
21	On-plate enzyme and inhibition assay of glucose-6-phosphate dehydrogenase using thin-layer chromatography. <i>Journal of Separation Science</i> , 2015, 38, 2907-2914.	2.5	5
22	Application of Thin-Layer Chromatography in Enzyme Activity and Inhibitors Studies of Glucose-6-Phosphate Dehydrogenase. <i>Journal of Planar Chromatography - Modern TLC</i> , 2015, 28, 333-336.	1.2	5
23	A Simple, Rapid, Fluorometric Assay for Dopamine by In Situ Reaction of Boronic Acids and cis-Diol. <i>Journal of Analytical Methods in Chemistry</i> , 2019, 2019, 1-7.	1.6	5
24	Theoretical and experimental studies on sequential two-diffusional sample injection for capillary electrophoresis. <i>Journal of Chromatography A</i> , 2015, 1381, 247-252.	3.7	4
25	Enhancing separation in short capillary electrophoresis via pressure driven backflow. <i>Electrophoresis</i> , 2015, 36, 1549-1554.	2.4	4
26	Preparation of carbon-based metal organic framework-modified molecularly imprinted polymers for selective recognition of bovine hemoglobin in biological samples. <i>New Journal of Chemistry</i> , 2022, 46, 3616-3622.	2.8	2
27	Preparation of a boronate affinity-functionalized metal organic framework material for selective recognition and separation of glycoproteins at physiological pH. <i>New Journal of Chemistry</i> , 2022, 46, 13207-13212.	2.8	1
28	Determination of Glucose by the Catalysis of Luminol Chemiluminescence Using One-Step Synthesized Platinum/Silver Nanoparticles as a Peroxidase Mimetic. <i>Analytical Letters</i> , 2023, 56, 643-655.	1.8	1