

Liuwei Jiang

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

249
citations

933447

10
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

235
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid Synthesis, RNA Binding, and Antibacterial Screening of a Peptidic-Aminosugar (PA) Library. <i>ACS Chemical Biology</i> , 2015, 10, 1278-1289.	3.4	35
2	Polyethylenimine modified poly(ethylene terephthalate) capillary channeled-polymer fibers for anion exchange chromatography of proteins. <i>Journal of Chromatography A</i> , 2015, 1410, 200-209.	3.7	29
3	Biotin-functionalized poly(ethylene terephthalate) capillary-channeled polymer fibers as HPLC stationary phase for affinity chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 939-951.	3.7	25
4	Qualitative assessment of extractables from single-use components and the impact of reference standard selection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 150, 368-376.	2.8	24
5	Microwave-assisted grafting polymerization modification of nylon 6 capillary-channeled polymer fibers for enhanced weak cation exchange protein separations. <i>Analytica Chimica Acta</i> , 2017, 954, 129-139.	5.4	20
6	Evaluation of loading characteristics and IgG binding performance of Staphylococcal protein A on polypropylene capillary-channeled polymer fibers. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1015-1016, 92-104.	2.3	19
7	Microwave-assisted, grafting polymerization preparation of strong cation exchange nylon 6 capillary-channeled polymer fibers and their chromatographic properties. <i>Analytica Chimica Acta</i> , 2017, 977, 52-64.	5.4	19
8	A pH Sensitive High-Throughput Assay for miRNA Binding of a Peptide-Aminoglycoside (PA) Library. <i>PLoS ONE</i> , 2015, 10, e0144251.	2.5	16
9	Grafting polymerization of glycidyl methacrylate onto capillary-channeled polymer (C-CP) fibers as a ligand binding platform: Applications in immobilized metal-ion affinity chromatography (IMAC) protein separations. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1110-1111, 144-154.	2.3	13
10	Eukaryotic Ribosomal Expansion Segments as Antimicrobial Targets. <i>Biochemistry</i> , 2017, 56, 5288-5299.	2.5	12
11	Evaluation of synthesized lipid tethered ligands for surface functionalization of polypropylene capillary-channeled polymer fiber stationary phases. <i>Analyst, The</i> , 2015, 140, 1523-1534.	3.5	11
12	Demonstration of a novel ion-exchange column for pre-concentration of silver ions in optical emission spectroscopy utilizing a liquid-sampling atmospheric pressure glow discharge microplasma. <i>Journal of Analytical Atomic Spectrometry</i> , 2017, 32, 2463-2468.	3.0	10
13	Comparison of analytical protein separation characteristics for three amine-based capillary-channeled polymer (C-CP) stationary phases. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 1373-1383.	3.7	7
14	Fine-tuning miR-21 expression and inhibition of EMT in breast cancer cells using aromatic-neomycin derivatives. <i>Molecular Therapy - Nucleic Acids</i> , 2022, 27, 685-698.	5.1	5
15	Preliminary assessment of the modification of polystyrene- <i>ε</i> -divinylbenzene resin with lipid- <i>ε</i> -tethered ligands for selective separations. <i>Journal of Separation Science</i> , 2016, 39, 3868-3879.	2.5	3
16	Parallel, open-channel lateral flow (immuno) assay substrate based on capillary-channeled polymer films. <i>Analyst, The</i> , 2016, 141, 807-814.	3.5	1