

Xiwei Zheng

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

877
citations

430754

18
h-index

526166

27
g-index

30
all docs

30
docs citations

30
times ranked

955
citing authors

#	ARTICLE	IF	CITATIONS
1	Pharmaceutical and biomedical applications of affinity chromatography: Recent trends and developments. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 69, 93-105.	1.4	166
2	Analytical methods for kinetic studies of biological interactions: A review. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 113, 163-180.	1.4	67
3	Analysis of biomolecular interactions using affinity microcolumns: A review. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 968, 49-63.	1.2	64
4	Dual-Target Binding Ligands with Modulated Pharmacokinetics for Endoradiotherapy of Prostate Cancer. <i>Journal of Nuclear Medicine</i> , 2017, 58, 1442-1449.	2.8	61
5	Determination of Rate Constants and Equilibrium Constants for Solution-Phase Drug-Protein Interactions by Ultrafast Affinity Extraction. <i>Analytical Chemistry</i> , 2014, 86, 6454-6460.	3.2	55
6	High performance affinity chromatography and related separation methods for the analysis of biological and pharmaceutical agents. <i>Analyst, The</i> , 2018, 143, 374-391.	1.7	54
7	Chromatographic analysis of drug interactions in the serum proteome. <i>Analytical Methods</i> , 2011, 3, 1449.	1.3	41
8	Analysis of multi-site drug-protein interactions by high-performance affinity chromatography: Binding by glimepiride to normal or glycosylated human serum albumin. <i>Journal of Chromatography A</i> , 2015, 1408, 133-144.	1.8	32
9	Studies of metabolite-protein interactions: A review. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 966, 48-58.	1.2	27
10	Analysis of Hormone-Protein Binding in Solution by Ultrafast Affinity Extraction: Interactions of Testosterone with Human Serum Albumin and Sex Hormone Binding Globulin. <i>Analytical Chemistry</i> , 2015, 87, 11187-11194.	3.2	25
11	Chromatographic Studies of Protein-Based Chiral Separations. <i>Separations</i> , 2016, 3, 27.	1.1	24
12	Analysis of free fractions for chiral drugs using ultrafast extraction and multi-dimensional high-performance affinity chromatography. <i>Analyst, The</i> , 2013, 138, 6262.	1.7	23
13	Chromatographic studies of drug interactions with alpha1-acid glycoprotein by ultrafast affinity extraction and peak profiling. <i>Journal of Chromatography A</i> , 2017, 1497, 92-101.	1.8	22
14	High-Performance Affinity Chromatography. <i>Advances in Protein Chemistry and Structural Biology</i> , 2016, 102, 1-39.	1.0	22
15	Analysis of glipizide binding to normal and glycosylated human serum albumin by high-performance affinity chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 5309-5321.	1.9	20
16	Kinetic analysis of drug-protein interactions by affinity chromatography. <i>Drug Discovery Today: Technologies</i> , 2015, 17, 16-21.	4.0	20
17	Analysis of free drug fractions by ultrafast affinity extraction: Interactions of sulfonylurea drugs with normal or glycosylated human serum albumin. <i>Journal of Chromatography A</i> , 2014, 1371, 82-89.	1.8	19
18	Analysis of free drug fractions in serum by ultrafast affinity extraction and two-dimensional affinity chromatography using alpha1-acid glycoprotein microcolumns. <i>Journal of Chromatography A</i> , 2016, 1432, 49-57.	1.8	18

#	ARTICLE	IF	CITATIONS
19	Development of enhanced capacity affinity microcolumns by using a hybrid of protein cross-linking/modification and immobilization. <i>Journal of Chromatography A</i> , 2015, 1400, 82-90.	1.8	14
20	Characterization of solution-phase drug-protein interactions by ultrafast affinity extraction. <i>Methods</i> , 2018, 146, 46-57.	1.9	14
21	Analysis of free drug fractions in human serum by ultrafast affinity extraction and two-dimensional affinity chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 131-140.	1.9	13
22	Applications of Surface Plasmon Resonance and Biolayer Interferometry for Virus-Ligand Binding. <i>Viruses</i> , 2022, 14, 717.	1.5	13
23	Development of microcolumn-based one-site immunometric assays for protein biomarkers. <i>Journal of Chromatography A</i> , 2014, 1366, 92-100.	1.8	12
24	Binding studies based on ultrafast affinity extraction and single- or two-column systems: Interactions of second- and third-generation sulfonylurea drugs with normal or glycosylated human serum albumin. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1102-1103, 8-16.	1.2	10
25	Affinity chromatography. , 2017, , 319-341.		6