Alexander P Boichenko

List of Publications by Year
in descending order

Version: 2024-02-01

28 papers	555 citations	623734 14 h-index	642732 23 g-index
28 all docs	28 docs citations	28 times ranked	819 citing authors

#	Article	IF	Citations
1	Glycopeptide enrichment and separation for protein glycosylation analysis. Journal of Separation Science, 2012, 35, 2341-2372.	2.5	138
2	The histone acetyltransferase p300 inhibitor C646 reduces pro-inflammatory gene expression and inhibits histone deacetylases. Biochemical Pharmacology, 2016, 102, 130-140.	4.4	46
3	A Panel of Regulated Proteins in Serum from Patients with Cervical Intraepithelial Neoplasia and Cervical Cancer. Journal of Proteome Research, 2014, 13, 4995-5007.	3.7	34
4	Micellar liquid chromatography retention model based on mass-action concept of micelle formation. Journal of Chromatography A, 2006, 1104, 190-197.	3.7	28
5	Multidimensional separation of tryptic peptides from human serum proteins using reversed-phase, strong cation exchange, weak anion exchange, and fused-core fluorinated stationary phases. Journal of Separation Science, 2013, 36, 3463-3470.	2.5	26
6	Identification of 7â€¯000â€“9â€¯000 Proteins from Cell Lines and Tissues by Single-Shot Microflow LCâ€“MS/MS. Analytical Chemistry, 2021, 93, 8687-8692.	6.5	25
7	Aliphatic carboxylic acids as new modifiers for separation of 2,4-dinitrophenyl amino acids by micellar liquid chromatography. Journal of Chromatography A, 2007, 1157, 252-259.	3.7	23
8	Molecular markers for cervical cancer screening. Expert Review of Proteomics, 2021, 18, 675-691.	3.0	21
9	Classification of gasoline by octane number and light gas condensate fractions by origin with using dielectric or gas-chromatographic data and chemometrics tools. Talanta, 2011, 84, 963-970.	5.5	19
10	Optimization of Micellar LC Conditions for the Flavonoid Separation. Chromatographia, 2009, 70, 371-379.	1.3	17
11	Heteroscedasticity of retention factor and adequate modeling in micellar liquid chromatography. Analytica Chimica Acta, 2006, 576, 229-238.	5.4	16
12	Effect of aliphatic alcohols and aliphatic carboxylic acids on the critical micelle concentration and counter-ion binding degree of sodium dodecylsulfate. Journal of Molecular Liquids, 2009, 145, 177-181.	4.9	16
13	Thinâ€layer chromatographic plates with monolithic layer of silica: Production, physicalâ€“chemical characteristics, separation capabilities. Journal of Separation Science, 2011, 34, 2352-2361.	2.5	16
14	MLC Determination of Preservatives in Cranberry Foodstuffs. Chromatographia, 2008, 67, 615-620.	1.3	15
15	A 6-alkylsalicylate histone acetyltransferase inhibitor inhibits histone acetylation and pro-inflammatory gene expression in murine precision-cut lung slices. Pulmonary Pharmacology and Therapeutics, 2017, 44, 88-95.	2.6	15
16	Re-evaluated data of dissociation constants of alendronic, pamidronic and olpadronic acids. Open Chemistry, 2009, 7, 8-13.	1.9	14
17	Complexation of Ca2+ and Mg2+ with aminopropylidenebisphosphonic acids in aqueous and micellar solutions of cetylpyridinium chloride. Journal of Molecular Liquids, 2010, 154, 76-81.	4.9	12
18	Optimization of micellar LC conditions for separation of opium alkaloids and their determination in pharmaceutical preparations. Analytical Methods, 2011, 3, 2749.	2.7	12

#	Article	IF	Citations
19	Aliphatic carboxylic acids and alcohols as efficiency and elution strength enhancers in micellar liquid chromatography. Journal of Chromatography A, 2010, 1217, 5665-5673.	3.7	11
20	Simultaneous serum desalting and total protein determination by macroporous reversed-phase chromatography. Analytical and Bioanalytical Chemistry, 2013, 405, 3195-3203.	3.7	9
21	Solubilization of Aliphatic Carboxylic Acids (C3-C6) by Sodium Dodecyl Sulfate and Brij 35 Micellar Pseudophases. Journal of Solution Chemistry, 2011, 40, 968-979.	1.2	8
22	Online-2D NanoLC-MS for Crude Serum Proteome Profiling: Assessing Sample Preparation Impact on Proteome Composition. Analytical Chemistry, 2021, 93, 9663-9668.	6.5	8
23	Modification of the murakami retention model in reversed-phase high-performance liquid chromatography for micellar chromatographic separations. Russian Journal of Physical Chemistry A, 2008, 82, 1470-1474.	0.6	6
24	Site-specific quantification of lysine acetylation in the N-terminal tail of histone H4 using a double-labelling, targeted UHPLC MS/MS approach. Analytical and Bioanalytical Chemistry, 2016, 408, 3547-3553.	3.7	6
25	The mobile phase motion in ascending Micellar thin-layer chromatography with normal-phase plates. Journal of Planar Chromatography - Modern TLC, 2011, 24, 463-469.	1.2	5
26	Properties of 2,4-dinitrophenyl derivatives of amino acids as analytical forms for high-performance liquid chromatography. Russian Journal of Applied Chemistry, 2011, 84, 957-963.	0.5	5
27	Protolytic properties and complexation of dl-Î±-alanine and dl-Î±-valine and their dipeptides in aqueous and micellar solutions of surfactants. Journal of Molecular Liquids, 2013, 182, 1-6.	4.9	2
28	UNSUPERVISED CLASSIFICATION OF CHROMATOGRAPHIC COLUMNS IN MICELLAR AND CONVENTIONAL REVERSED-PHASE HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY. Journal of Liquid Chromatography and Related Technologies, 2014, 37, 1016-1031.	1.0	2