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List of Publications by Year
in descending order

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21 papers	564 citations	567281 15 h-index	713466 21 g-index
21 all docs	21 docs citations	21 times ranked	352 citing authors

#	Article	IF	Citations
1	Investigation of Strain-Promoted Azideâ€“Alkyne Cycloadditions in Aqueous Solutions by Capillary Electrophoresis. Journal of Organic Chemistry, 2018, 83, 604-613.	3.2	9
2	Schreibersite: an effective catalyst in the formose reaction network. New Journal of Physics, 2018, 20, 055003.	2.9	21
3	Comprehensive study on critical micellar concentrations of SDS in acetonitrileâ€“water solvents. Electrophoresis, 2016, 37, 1287-1295.	2.4	14
4	Equivalent peak resolution: Characterization of the extent of separation for two components based on their relative peak overlap. Electrophoresis, 2015, 36, 646-654.	2.4	6
5	Determination of thermodynamic values of acidic dissociation constants and complexation constants of profens and their utilization for optimization of separation conditions by Simul 5 Complex. Journal of Chromatography A, 2014, 1364, 276-288.	3.7	27
6	Complexation of Buffer Constituents with Neutral Complexation Agents: Part I. Impact on Common Buffer Properties. Analytical Chemistry, 2013, 85, 8518-8525.	6.5	31
7	Complexation of Buffer Constituents with Neutral Complexation Agents: Part II. Practical Impact in Capillary Zone Electrophoresis. Analytical Chemistry, 2013, 85, 8526-8534.	6.5	30
8	Applicability and limitations of affinity capillary electrophoresis and vacancy affinity capillary electrophoresis methods for determination of complexation constants. Electrophoresis, 2013, 34, 761-767.	2.4	54
9	Determination of effective mobilities of <scp>EOF</scp> markers in <scp>BGE</scp> containing sulfated Î²â€cyclodextrin by a twoâ€detector method. Electrophoresis, 2013, 34, 768-776.	2.4	19
10	Simulation of the effects of complexâ€formation equilibria in electrophoresis: III. Simultaneous effects of chiral selector concentration and background electrolyte pH. Electrophoresis, 2012, 33, 3012-3020.	2.4	22
11	A nonlinear electrophoretic model for PeakMaster: Part III. Electromigration dispersion in systems that contain a neutral complex-forming agent and a fully charged analyte. Theory. Journal of Chromatography A, 2012, 1267, 102-108.	3.7	28
12	A nonlinear electrophoretic model for PeakMaster: Part IV. Electromigration dispersion in systems that contain a neutral complex-forming agent and a fully charged analyte. Experimental verification. Journal of Chromatography A, 2012, 1267, 109-115.	3.7	27
13	Determination of stability constants of complexes of neutral analytes with charged cyclodextrins by affinity capillary electrophoresis. Electrophoresis, 2012, 33, 1032-1039.	2.4	34
14	Simulation of the effects of complexâ€•formation equilibria in electrophoresis: II. Experimental verification. Electrophoresis, 2012, 33, 948-957.	2.4	43
15	Simulation of the effects of complexâ€•formation equilibria in electrophoresis: I. Mathematical model. Electrophoresis, 2012, 33, 938-947.	2.4	64
16	Methods for determination of all binding parameters in systems with simultaneous borate and cyclodextrin complexation. Journal of Chromatography A, 2011, 1218, 7211-7218.	3.7	7
17	Accuracy and sensitivity of the determination of rate constants of interconversion in achiral and chiral environments by dynamic enantioselective electrophoresis. Electrophoresis, 2011, 32, 595-603.	2.4	6
18	Enhanced selectivity in CZE multiâ€chiral selector enantioseparation systems: Proposed separation mechanism. Electrophoresis, 2010, 31, 1435-1441.	2.4	54

#	ARTICLE	IF	CITATIONS
19	Occurrence and behavior of system peaks in RP HPLC with solely aqueous mobile phases. Journal of Separation Science, 2009, 32, 2864-2870.	2.5	2
20	Model of CE enantioseparation systems with a mixture of chiral selectors. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2008, 875, 30-34.	2.3	46
21	Model of CE enantioseparation systems with a mixture of chiral selectors. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2008, 875, 35-41.	2.3	20