

Dominic Peterson

List of Publications by Year in descending order

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17
papers

1,687
citations

623188

14
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887659

17
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18
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18
docs citations

18
times ranked

1568
citing authors

#	ARTICLE	IF	CITATIONS
1	Enzymatic Microreactor-on-a-Chip: Protein Mapping Using Trypsin Immobilized on Porous Polymer Monoliths Molded in Channels of Microfluidic Devices. <i>Analytical Chemistry</i> , 2002, 74, 4081-4088.	3.2	342
2	Matrix-free methods for laser desorption/ionization mass spectrometry. <i>Mass Spectrometry Reviews</i> , 2007, 26, 19-34.	2.8	297
3	Development and Testing of a Detection Method for Liquid Chromatography Based on Aerosol Charging. <i>Analytical Chemistry</i> , 2002, 74, 2930-2937.	3.2	223
4	Dual-Function Microanalytical Device by In Situ Photolithographic Grafting of Porous Polymer Monolith: Integrating Solid-Phase Extraction and Enzymatic Digestion for Peptide Mass Mapping. <i>Analytical Chemistry</i> , 2003, 75, 5328-5335.	3.2	186
5	High-Throughput Peptide Mass Mapping Using a Microdevice Containing Trypsin Immobilized on a Porous Polymer Monolith Coupled to MALDI TOF and ESI TOF Mass Spectrometers. <i>Journal of Proteome Research</i> , 2002, 1, 563-568.	1.8	144
6	Fabrication of porous polymer monoliths covalently attached to the walls of channels in plastic microdevices. <i>Electrophoresis</i> , 2003, 24, 3689-3693.	1.3	136
7	Solid supports for micro analytical systems. <i>Lab on A Chip</i> , 2005, 5, 132.	3.1	120
8	Porous polymer monolith for surface-enhanced laser desorption/ionization time-of-flight mass spectrometry of small molecules. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 1504-1512.	0.7	54
9	Polar Polymeric Stationary Phases for Normal-Phase HPLC Based on Monodisperse Macroporous Poly(2,3-dihydroxypropyl methacrylate-co-ethylene dimethacrylate) Beads. <i>Analytical Chemistry</i> , 2003, 75, 1011-1021.	3.2	42
10	Novel alkyl-modified anionic siloxanes as pseudostationary phases for electrokinetic chromatography: II. Selectivity studied by linear solvation energy relationships. <i>Electrophoresis</i> , 2001, 22, 3562-3566.	1.3	30
11	Effect of pendant chain lengths and backbone functionalities on the chemical selectivity of sulfonated amphiphilic copolymers as pseudo-stationary phases in electrokinetic chromatography. <i>Journal of Chromatography A</i> , 2001, 924, 123-135.	1.8	27
12	Rapid radiochemical sample preparation for alpha spectrometry using polymer ligand films. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2009, 282, 543-547.	0.7	20
13	Synthesis and characterization of novel anionic siloxane polymers as pseudostationary phases for electrokinetic chromatography. <i>Electrophoresis</i> , 2001, 22, 1314-1321.	1.3	18
14	Evaluation of flow scintillation analysis for the determination of Sr-90 in bioassay samples. <i>Applied Radiation and Isotopes</i> , 2009, 67, 14-20.	0.7	17
15	Alkyl modified anionic siloxanes as pseudostationary phases for electrokinetic chromatography. <i>Journal of Chromatography A</i> , 2001, 924, 103-110.	1.8	15
16	Novel alkyl-modified anionic siloxanes as pseudostationary phases for electrokinetic chromatography. <i>Journal of Chromatography A</i> , 2002, 959, 255-261.	1.8	10
17	Establishing reactor operations from uranium targets used for the production of plutonium. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2009, 282, 573-579.	0.7	6