

# Dominic Peterson

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17  
papers

1,542  
citations

14  
h-index

18  
g-index

18  
ext. papers

1,612  
ext. citations

4.9  
avg, IF

4.73  
L-index

#	Paper	IF	Citations
17	Rapid radiochemical sample preparation for alpha spectrometry using polymer ligand films. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , <b>2009</b> , 282, 543-547	1.5	17
16	Establishing reactor operations from uranium targets used for the production of plutonium. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , <b>2009</b> , 282, 573-579	1.5	4
15	Evaluation of flow scintillation analysis for the determination of Sr-90 in bioassay samples. <i>Applied Radiation and Isotopes</i> , <b>2009</b> , 67, 14-20	1.7	15
14	Matrix-free methods for laser desorption/ionization mass spectrometry. <i>Mass Spectrometry Reviews</i> , <b>2007</b> , 26, 19-34	11	268
13	Solid supports for micro analytical systems. <i>Lab on A Chip</i> , <b>2005</b> , 5, 132-9	7.2	109
12	Porous polymer monolith for surface-enhanced laser desorption/ionization time-of-flight mass spectrometry of small molecules. <i>Rapid Communications in Mass Spectrometry</i> , <b>2004</b> , 18, 1504-12	2.2	49
11	Fabrication of porous polymer monoliths covalently attached to the walls of channels in plastic microdevices. <i>Electrophoresis</i> , <b>2003</b> , 24, 3689-93	3.6	125
10	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> , <b>2003</b> , 75, 5328-35	7.8	179
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> , <b>2003</b> , 75, 1011-21	7.8	39
8	Novel alkyl-modified anionic siloxanes as pseudostationary phases for electrokinetic chromatography. III. Performance in organic-modified buffers. <i>Journal of Chromatography A</i> , <b>2002</b> , 959, 255-61	4.5	10
7	Development and testing of a detection method for liquid chromatography based on aerosol charging. <i>Analytical Chemistry</i> , <b>2002</b> , 74, 2930-7	7.8	199
6	Enzymatic microreactor-on-a-chip: protein mapping using trypsin immobilized on porous polymer monoliths molded in channels of microfluidic devices. <i>Analytical Chemistry</i> , <b>2002</b> , 74, 4081-8	7.8	311
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> , <b>2002</b> , 1, 563-8	5.6	131
4	Synthesis and characterization of novel anionic siloxane polymers as pseudostationary phases for electrokinetic chromatography. <i>Electrophoresis</i> , <b>2001</b> , 22, 1314-21	3.6	17
3	Novel alkyl-modified anionic siloxanes as pseudostationary phases for electrokinetic chromatography: II. Selectivity studied by linear solvation energy relationships. <i>Electrophoresis</i> , <b>2001</b> , 22, 3562-6	3.6	29
2	Alkyl modified anionic siloxanes as pseudostationary phases for electrokinetic chromatography. I. Synthesis and characterization. <i>Journal of Chromatography A</i> , <b>2001</b> , 924, 103-10	4.5	14
1	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> , <b>2001</b> , 924, 123-35	4.5	26

