

# Eric C Peters

## List of Publications by Year in descending order

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36  
papers

6,268  
citations

159358

30  
h-index

414034

32  
g-index

36  
all docs

36  
docs citations

36  
times ranked

6679  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phosphofructokinase 1 Glycosylation Regulates Cell Growth and Metabolism. <i>Science</i> , 2012, 337, 975-980.	6.0	527
2	Molded Rigid Polymer Monoliths as Separation Media for Capillary Electrochromatography. <i>Analytical Chemistry</i> , 1997, 69, 3646-3649.	3.2	417
3	Molded Rigid Polymer Monoliths as Separation Media for Capillary Electrochromatography. 1. Fine Control of Porous Properties and Surface Chemistry. <i>Analytical Chemistry</i> , 1998, 70, 2288-2295.	3.2	389
4	Synthetic small molecules that control stem cell fate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 7632-7637.	3.3	366
5	Probing the dynamics of O-GlcNAc glycosylation in the brain using quantitative proteomics. <i>Nature Chemical Biology</i> , 2007, 3, 339-348.	3.9	302
6	Self-renewal of embryonic stem cells by a small molecule. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 17266-17271.	3.3	296
7	Exploring the O-GlcNAc proteome: Direct identification of O-GlcNAc-modified proteins from the brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 13132-13137.	3.3	288
8	Profiling of tyrosine phosphorylation pathways in human cells using mass spectrometry. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 443-448.	3.3	286
9	Energy Stress Regulates Hippo-YAP Signaling Involving AMPK-Mediated Regulation of Angiotensin-like 1 Protein. <i>Cell Reports</i> , 2014, 9, 495-503.	2.9	244
10	Design of the monolithic polymers used in capillary electrochromatography columns. <i>Journal of Chromatography A</i> , 2000, 887, 3-29.	1.8	241
11	Direct In-Gel Fluorescence Detection and Cellular Imaging of O-GlcNAc-Modified Proteins. <i>Journal of the American Chemical Society</i> , 2008, 130, 11576-11577.	6.6	230
12	Identification of Serum-Derived Sphingosine-1-Phosphate as a Small Molecule Regulator of YAP. <i>Chemistry and Biology</i> , 2012, 19, 955-962.	6.2	219
13	High-Throughput Chemical Screen Identifies a Novel Potent Modulator of Cellular Circadian Rhythms and Reveals CK1 $\alpha$ as a Clock Regulatory Kinase. <i>PLoS Biology</i> , 2010, 8, e1000559.	2.6	216
14	Robust Phosphoproteomic Profiling of Tyrosine Phosphorylation Sites from Human T Cells Using Immobilized Metal Affinity Chromatography and Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2004, 76, 2763-2772.	3.2	215
15	Molded Rigid Polymer Monoliths as Separation Media for Capillary Electrochromatography. 2. Effect of Chromatographic Conditions on the Separation. <i>Analytical Chemistry</i> , 1998, 70, 2296-2302.	3.2	204
16	Gene expression signatures and small-molecule compounds link a protein kinase to <i>Plasmodium falciparum</i> motility. <i>Nature Chemical Biology</i> , 2008, 4, 347-356.	3.9	203
17	Enrichment and analysis of peptide subsets using fluorinated affinity tags and mass spectrometry. <i>Nature Biotechnology</i> , 2005, 23, 463-468.	9.4	184
18	Dynamic O-GlcNAc modification regulates CREB-mediated gene expression and memory formation. <i>Nature Chemical Biology</i> , 2012, 8, 253-261.	3.9	178

#	ARTICLE	IF	CITATIONS
19	Chiral Monolithic Columns for Enantioselective Capillary Electrochromatography Prepared by Copolymerization of a Monomer with Quinidine Functionality. 1. Optimization of Polymerization Conditions, Porous Properties, and Chemistry of the Stationary Phase. <i>Analytical Chemistry</i> , 2000, 72, 4614-4622.	3.2	167
20	Monolithic Stationary Phases for Capillary Electrochromatography Based on Synthetic Polymers: Designs and Applications. <i>Journal of High Resolution Chromatography</i> , 2000, 23, 3-18.	2.0	157
21	Chiral electrochromatography with a "moulded" rigid monolithic capillary column. <i>Analytical Communications</i> , 1998, 35, 83-86.	2.2	124
22	Parallel Identification of O-GlcNAc-Modified Proteins from Cell Lysates. <i>Journal of the American Chemical Society</i> , 2004, 126, 10500-10501.	6.6	111
23	A small molecule accelerates neuronal differentiation in the adult rat. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 16542-16547.	3.3	109
24	Reversine increases the plasticity of lineage-committed mammalian cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 10482-10487.	3.3	99
25	Preparation of Large-Diameter "Molded" Porous Polymer Monoliths and the Control of Pore Structure Homogeneity. <i>Chemistry of Materials</i> , 1997, 9, 1898-1902.	3.2	97
26	Thermally responsive rigid polymer monoliths. <i>Advanced Materials</i> , 1997, 9, 630-633.	11.1	91
27	Automated immobilized metal affinity chromatography/nano-liquid chromatography/electrospray ionization mass spectrometry platform for profiling protein phosphorylation sites. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 57-71.	0.7	89
28	Identification of the tyrosine phosphatase PTP-MEG2 as an antagonist of hepatic insulin signaling. <i>Cell Metabolism</i> , 2006, 3, 367-378.	7.2	70
29	"Molded" porous polymer monoliths: A novel format for capillary gas chromatography stationary phases. , 2000, 275, 42-47.		47
30	Comprehensive mapping of O-GlcNAc modification sites using a chemically cleavable tag. <i>Molecular BioSystems</i> , 2016, 12, 1756-1759.	2.9	35
31	Exploring the Phosphoproteome with Mass Spectrometry. <i>Mini-Reviews in Medicinal Chemistry</i> , 2004, 4, 313-324.	1.1	34
32	Identification of the Plasticity-Relevant Fucose-(1 <sup>2</sup> )-Galactose Proteome from the Mouse Olfactory Bulb. <i>Biochemistry</i> , 2009, 48, 7261-7270.	1.2	30
33	<title>Characterization of porous polymer monoliths as flow restrictors for capillary electrophoresis on a chip</title>. , 1999, , .		1
34	Monolithic Stationary Phases for the Separation of Small Molecules. <i>Journal of Chromatography Library</i> , 2003, 67, 373-387.	0.1	1
35	Monolithic Stationary Phases for Capillary Electrochromatography Based on Synthetic Polymers: Designs and Applications. , 2000, 23, 3.		1
36	Protein Characterization by Biological Mass Spectrometry. , 0, , 145-167.		0