

Oleg Krokhin

List of Publications by Year in descending order

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30
papers

1,601
citations

331670

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477307

29
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all docs

30
docs citations

30
times ranked

2147
citing authors

#	ARTICLE	IF	CITATIONS
1	The proteome of extracellular vesicles released by clastic cells differs based on their substrate. PLoS ONE, 2019, 14, e0219602.	2.5	10
2	Retention Time Prediction for Glycopeptides in Reversed-Phase Chromatography for Glycoproteomic Applications. Analytical Chemistry, 2019, 91, 13360-13366.	6.5	29
3	Interferon β induced compositional changes in human bone marrow derived mesenchymal stem/stromal cells. Clinical Proteomics, 2017, 14, 26.	2.1	30
4	Elevated Urinary Matrix Metalloproteinase-7 Detects Underlying Renal Allograft Inflammation and Injury. Transplantation, 2016, 100, 648-654.	1.0	23
5	A proteomic evaluation of urinary changes associated with cardiopulmonary bypass. Clinical Proteomics, 2016, 13, 17.	2.1	8
6	Whole cell, label free protein quantitation with data independent acquisition: Quantitation at the MS2 level. Proteomics, 2015, 15, 16-24.	2.2	16
7	Proteomics-based metabolic modeling and characterization of the cellulolytic bacterium <i>Thermobifida fusca</i> . BMC Systems Biology, 2014, 8, 86.	3.0	17
8	Mass spectrometry analysis of gingival crevicular fluid in the presence of external root resorption. American Journal of Orthodontics and Dentofacial Orthopedics, 2014, 145, 787-798.	1.7	35
9	Optimal selection of 2D reversed-phase reversed-phase HPLC separation techniques in bottom-up proteomics. Expert Review of Proteomics, 2012, 9, 125-128.	3.0	9
10	Information independent LC-MS/MS acquisition with exclusion lists potentially generated on-the-fly: Case study using a whole cell digest of <i>Clostridium thermocellum</i> . Proteomics, 2012, 12, 1160-1169.	2.2	23
11	Quantification of the Host Response Proteome after Mammalian Reovirus T1L Infection. PLoS ONE, 2012, 7, e51939.	2.5	23
12	Dual N- and C-Terminal Processing of Citrus Chlorophyllase Precursor Within the Plastid Membranes leads to the Mature Enzyme. Plant and Cell Physiology, 2011, 52, 70-83.	3.1	22
13	Defining the membrane proteome of NK cells. Journal of Mass Spectrometry, 2010, 45, 1-25.	1.6	19
14	Quantitative Proteomic Analyses of Influenza Virus-Infected Cultured Human Lung Cells. Journal of Virology, 2010, 84, 10888-10906.	3.4	151
15	Mass Spectrometry-Based Proteomic Analysis of Urine in Acute Kidney Injury Following Cardiopulmonary Bypass: A Nested Case-Control Study. American Journal of Kidney Diseases, 2009, 53, 584-595.	1.9	176
16	<i>Citrus</i> Chlorophyllase Dynamics at Ethylene-Induced Fruit Color-Break: A Study of Chlorophyllase Expression, Posttranslational Processing Kinetics, and in Situ Intracellular Localization. Plant Physiology, 2008, 148, 108-118.	4.8	140
17	Characterization of IQGAP1-Containing Complexes in NK-Like Cells: Evidence for Rac 2 and RACK1 Association during Homotypic Adhesion. Journal of Proteome Research, 2007, 6, 744-750.	3.7	14
18	Ebola sGP: The first viral glycoprotein shown to be C-mannosylated. Virology, 2007, 368, 83-90.	2.4	52

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19	Isolation and Identification of Sialylated Glycopeptides from Bovine Î±1-Acid Glycoprotein by Off-Line Capillary Electrophoresis MALDI-TOF Mass Spectrometry. <i>Analytical Chemistry</i> , 2006, 78, 6556-6563.	6.5	37
20	Method for Investigation of Oligosaccharides from Glycopeptides: Direct Determination of Glycosylation Sites in Proteins. <i>Analytical Chemistry</i> , 2006, 78, 2977-2984.	6.5	34
21	Determination and Characterization of Site-Specific N-Glycosylation Using MALDI-Qq-TOF Tandem Mass Spectrometry: A Case Study with a Plant Protease. <i>Analytical Chemistry</i> , 2006, 78, 1093-1103.	6.5	59
22	Structure-Function Analysis of the Soluble Glycoprotein, sGP, of Ebola Virus. <i>ChemBioChem</i> , 2006, 7, 1605-1611.	2.6	51
23	Influence of the labeling group on ionization and fragmentation of carbohydrates in mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2005, 16, 683-696.	2.8	62
24	Proteomic-Based Identification of Cleaved Urinary Î²2-microglobulin as a Potential Marker for Acute Tubular Injury in Renal Allografts. <i>American Journal of Transplantation</i> , 2005, 5, 729-738.	4.7	199
25	Global and site-specific detection of human integrin Î²1 glycosylation using tandem mass spectrometry and the StrOligo algorithm. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 721-727.	1.5	22
26	Site-specific N-glycosylation analysis: matrix-assisted laser desorption/ionization quadrupole-quadrupole time-of-flight tandem mass spectral signatures for recognition and identification of glycopeptides. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 2020-2030.	1.5	70
27	Matrix-assisted laser desorption/ionization tandem mass spectrometry and post-source decay fragmentation study of phenylhydrazones of N-linked oligosaccharides from ovalbumin. <i>Journal of the American Society for Mass Spectrometry</i> , 2004, 15, 725-735.	2.8	45
28	Application of the StrOligo algorithm for the automated structure assignment of complex N-linked glycans from glycoproteins using tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2003, 17, 2713-2720.	1.5	68
29	Mass Spectrometric Characterization of Proteins from the SARS Virus. <i>Molecular and Cellular Proteomics</i> , 2003, 2, 346-356.	3.8	155
30	Characterization of Whole and Fragmented Wild-Type Porcine IgG. , 0, , .		2