

Oleg Krokhin

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,601
citations

331670

21
h-index

477307

29
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30
all docs

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docs citations

30
times ranked

2147
citing authors

#	ARTICLE	IF	CITATIONS
1	Proteomic-Based Identification of Cleaved Urinary Î²2-microglobulin as a Potential Marker for Acute Tubular Injury in Renal Allografts. American Journal of Transplantation, 2005, 5, 729-738.	4.7	199
2	Mass Spectrometryâ€‘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
3	Mass Spectrometric Characterization of Proteins from the SARS Virus. Molecular and Cellular Proteomics, 2003, 2, 346-356.	3.8	155
4	Quantitative Proteomic Analyses of Influenza Virus-Infected Cultured Human Lung Cells. Journal of Virology, 2010, 84, 10888-10906.	3.4	151
5	<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
6	Site-specificN-glycosylation analysis: matrix-assisted laser desorption/ionization quadrupole-quadrupole time-of-flight tandem mass spectral signatures for recognition and identification of glycopeptides. Rapid Communications in Mass Spectrometry, 2004, 18, 2020-2030.	1.5	70
7	Application of the StrOligo algorithm for the automated structure assignment of complex N-linked glycans from glycoproteins using tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2003, 17, 2713-2720.	1.5	68
8	Influence of the labeling group on ionization and fragmentation of carbohydrates in mass spectrometry. Journal of the American Society for Mass Spectrometry, 2005, 16, 683-696.	2.8	62
9	Determination and Characterization of Site-Specific N-Glycosylation Using MALDI-Qq-TOF Tandem Mass Spectrometry:Â Case Study with a Plant Protease. Analytical Chemistry, 2006, 78, 1093-1103.	6.5	59
10	Ebola sGPâ€‘The first viral glycoprotein shown to be C-mannosylated. Virology, 2007, 368, 83-90.	2.4	52
11	Structure-Function Analysis of the Soluble Glycoprotein, sGP, of Ebola Virus. ChemBioChem, 2006, 7, 1605-1611.	2.6	51
12	Matrix-assisted laser desorption/ionization tandem mass spectrometry and post-source decay fragmentation study of phenylhydrazones of N-linked oligosaccharides from ovalbumin. Journal of the American Society for Mass Spectrometry, 2004, 15, 725-735.	2.8	45
13	Isolation and Identification of Sialylated Glycopeptides from Bovine Î±1-Acid Glycoprotein by Off-Line Capillary Electrophoresis MALDI-TOF Mass Spectrometry. Analytical Chemistry, 2006, 78, 6556-6563.	6.5	37
14	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
15	Method for Investigation of Oligosaccharides from Glycopeptides:â€‘ Direct Determination of Glycosylation Sites in Proteins. Analytical Chemistry, 2006, 78, 2977-2984.	6.5	34
16	Interferon Î³ induced compositional changes in human bone marrow derived mesenchymal stem/stromal cells. Clinical Proteomics, 2017, 14, 26.	2.1	30
17	Retention Time Prediction for Glycopeptides in Reversed-Phase Chromatography for Glycoproteomic Applications. Analytical Chemistry, 2019, 91, 13360-13366.	6.5	29
18	Informationâ€‘dependent <sc>LC</sc>â€‘<sc>MS</sc>/<sc>MS</sc> acquisition with exclusion lists potentially generated onâ€‘theâ€‘fly: Case study using a whole cell digest of <i><sc>C</sc>lostridium thermocellum</i>. Proteomics, 2012, 12, 1160-1169.	2.2	23

#	ARTICLE	IF	CITATIONS
19	Elevated Urinary Matrix Metalloproteinase-7 Detects Underlying Renal Allograft Inflammation and Injury. <i>Transplantation</i> , 2016, 100, 648-654.	1.0	23
20	Quantification of the Host Response Proteome after Mammalian Reovirus T1L Infection. <i>PLoS ONE</i> , 2012, 7, e51939.	2.5	23
21	Global and site-specific detection of human integrin α 5 β 1 glycosylation using tandem mass spectrometry and the StrOligo algorithm. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 721-727.	1.5	22
22	Dual N- and C-Terminal Processing of Citrus Chlorophyllase Precursor Within the Plastid Membranes leads to the Mature Enzyme. <i>Plant and Cell Physiology</i> , 2011, 52, 70-83.	3.1	22
23	Defining the membrane proteome of NK cells. <i>Journal of Mass Spectrometry</i> , 2010, 45, 1-25.	1.6	19
24	Proteomics-based metabolic modeling and characterization of the cellulolytic bacterium <i>Thermobifida fusca</i> . <i>BMC Systems Biology</i> , 2014, 8, 86.	3.0	17
25	Whole cell, label free protein quantitation with data independent acquisition: Quantitation at the MS2 level. <i>Proteomics</i> , 2015, 15, 16-24.	2.2	16
26	Characterization of IQGAP1-Containing Complexes in NK-Like Cells: Evidence for Rac 2 and RACK1 Association during Homotypic Adhesion. <i>Journal of Proteome Research</i> , 2007, 6, 744-750.	3.7	14
27	The proteome of extracellular vesicles released by clastic cells differs based on their substrate. <i>PLoS ONE</i> , 2019, 14, e0219602.	2.5	10
28	Optimal selection of 2D reversed-phase reversed-phase HPLC separation techniques in bottom-up proteomics. <i>Expert Review of Proteomics</i> , 2012, 9, 125-128.	3.0	9
29	A proteomic evaluation of urinary changes associated with cardiopulmonary bypass. <i>Clinical Proteomics</i> , 2016, 13, 17.	2.1	8
30	Characterization of Whole and Fragmented Wild-Type Porcine IgG. , 0, , .		2