

John Gregory Marshall

List of Publications by Year in descending order

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48
papers

1,793
citations

279487

23
h-index

264894

42
g-index

50
all docs

50
docs citations

50
times ranked

2119
citing authors

#	ARTICLE	IF	CITATIONS
1	Restricted Accumulation of Phosphatidylinositol 3-Kinase Products in a Plasmalemmal Subdomain during Fc γ 3 Receptor-Mediated Phagocytosis. <i>Journal of Cell Biology</i> , 2001, 153, 1369-1380.	2.3	266
2	Processing of Serum Proteins Underlies the Mass Spectral Fingerprinting of Myocardial Infarction. <i>Journal of Proteome Research</i> , 2003, 2, 361-372.	1.8	205
3	Mining biomarkers in human sera using proteomic tools. <i>Proteomics</i> , 2004, 4, 244-256.	1.3	158
4	Human Serum Proteins Preseparated by Electrophoresis or Chromatography Followed by Tandem Mass Spectrometry. <i>Journal of Proteome Research</i> , 2004, 3, 364-382.	1.8	84
5	Discovery of Candidate Tumor Markers for Prostate Cancer via Proteomic Analysis of Cell Culture-Conditioned Medium. <i>Clinical Chemistry</i> , 2007, 53, 429-437.	1.5	75
6	Involvement of Cytosolic Phospholipase A2 and Secretory Phospholipase A2 in Arachidonic Acid Release from Human Neutrophils. <i>Journal of Immunology</i> , 2000, 164, 2084-2091.	0.4	65
7	Turgor Regulation via Cell Wall Adjustment in White Spruce1. <i>Plant Physiology</i> , 1999, 119, 313-320.	2.3	64
8	Mass Spectrometry: Uncovering the Cancer Proteome for Diagnostics. <i>Advances in Cancer Research</i> , 2006, 96, 23-50.	1.9	64
9	Mass spectrometry of peptides and proteins from human blood. <i>Mass Spectrometry Reviews</i> , 2011, 30, 685-732.	2.8	57
10	Endogenous peptides from biophysical and biochemical fractionation of serum analyzed by matrix-assisted laser desorption/ionization and electrospray ionization hybrid quadrupole time-of-flight. <i>Analytical Biochemistry</i> , 2007, 370, 228-245.	1.1	40
11	Human Serum Proteins Fractionated by Preparative Partition Chromatography Prior to LC-ESI-MS/MS. <i>Journal of Proteome Research</i> , 2009, 8, 1143-1155.	1.8	40
12	Synthesis and oxidative insolubilization of cell-wall proteins during osmotic stress. <i>Planta</i> , 1999, 208, 401-408.	1.6	36
13	Precipitation and selective extraction of human serum endogenous peptides with analysis by quadrupole time-of-flight mass spectrometry reveals posttranslational modifications and low-abundance peptides. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 396, 1223-1247.	1.9	34
14	The plasma peptides of ovarian cancer. <i>Clinical Proteomics</i> , 2018, 15, 41.	1.1	33
15	The endogenous peptides of normal human serum extracted from the acetonitrile-insoluble precipitate using modified aqueous buffer with analysis by LC-ESI-Paul ion trap and Qq-TOF. <i>Journal of Proteomics</i> , 2010, 73, 1254-1269.	1.2	31
16	AMP-Activated Protein Kinase Regulates the Cell Surface Proteome and Integrin Membrane Traffic. <i>PLoS ONE</i> , 2015, 10, e0128013.	1.1	31
17	Signaling-dependent immobilization of acylated proteins in the inner monolayer of the plasma membrane. <i>Journal of Cell Biology</i> , 2006, 174, 255-265.	2.3	28
18	Tandem mass spectrometry of human tryptic blood peptides calculated by a statistical algorithm and captured by a relational database with exploration by a general statistical analysis system. <i>Journal of Proteomics</i> , 2009, 73, 103-111.	1.2	28

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19	Identification and quantification of peptides and proteins secreted from prostate epithelial cells by unbiased liquid chromatography tandem mass spectrometry using goodness of fit and analysis of variance. <i>Journal of Proteomics</i> , 2012, 75, 1303-1317.	1.2	27
20	The characterization and purification of a human transcription factor modulating the glutathione peroxidase gene in response to oxygen tension. <i>Molecular and Cellular Biochemistry</i> , 2002, 229, 73-83.	1.4	26
21	Capture of an activated receptor complex from the surface of live cells by affinity receptor chromatography. <i>Analytical Biochemistry</i> , 2008, 380, 235-248.	1.1	26
22	Quantitative Statistical Analysis of Standard and Human Blood Proteins from Liquid Chromatography, Electrospray Ionization, and Tandem Mass Spectrometry. <i>Journal of Proteome Research</i> , 2012, 11, 2032-2047.	1.8	26
23	Meta sequence analysis of human blood peptides and their parent proteins. <i>Journal of Proteomics</i> , 2010, 73, 1163-1175.	1.2	25
24	Chi-square comparison of tryptic peptide-to-protein distributions of tandem mass spectrometry from blood with those of random expectation. <i>Analytical Biochemistry</i> , 2011, 409, 189-194.	1.1	24
25	The Fc receptor-cytoskeleton complex from human neutrophils. <i>Journal of Proteomics</i> , 2011, 75, 450-468.	1.2	23
26	Peptide-to-protein distribution versus a competition for significance to estimate error rate in blood protein identification. <i>Analytical Biochemistry</i> , 2011, 411, 241-253.	1.1	22
27	The plasma peptidome. <i>Clinical Proteomics</i> , 2018, 15, 39.	1.1	22
28	Enzyme Linked Immuno Mass Spectrometric Assay (ELIMSA). <i>Journal of Proteomics</i> , 2014, 96, 343-352.	1.2	20
29	Creation of a federated database of blood proteins: a powerful new tool for finding and characterizing biomarkers in serum. <i>Clinical Proteomics</i> , 2014, 11, 3.	1.1	19
30	The plasma peptides of Alzheimer's disease. <i>Clinical Proteomics</i> , 2021, 18, 17.	1.1	18
31	Comparison of protein expression lists from mass spectrometry of human blood fluids using exact peptide sequences versus BLAST. <i>Clinical Proteomics</i> , 2006, 2, 185-203.	1.1	17
32	Freeze-dried plasma proteins are stable at room temperature for at least 1 year. <i>Clinical Proteomics</i> , 2017, 14, 35.	1.1	17
33	The plasma peptides of breast versus ovarian cancer. <i>Clinical Proteomics</i> , 2019, 16, 43.	1.1	16
34	The plasma peptides of sepsis. <i>Clinical Proteomics</i> , 2020, 17, 26.	1.1	16
35	Random and independent sampling of endogenous tryptic peptides from normal human EDTA plasma by liquid chromatography micro electrospray ionization and tandem mass spectrometry. <i>Clinical Proteomics</i> , 2017, 14, 41.	1.1	14
36	A method for the extraction of the endogenous tryptic peptides (peptidome) from human EDTA plasma. <i>Analytical Biochemistry</i> , 2018, 549, 188-196.	1.1	14

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37	OxLDL receptor chromatography from live human U937 cells identifies SYK(L) that regulates phagocytosis of oxLDL. <i>Analytical Biochemistry</i> , 2016, 513, 7-20.	1.1	12
38	Linear quantification of a streptavidin-alkaline phosphatase probe for enzyme-linked immuno mass spectrometric assay. <i>Analytical Biochemistry</i> , 2016, 503, 50-55.	1.1	11
39	Comparison of methods to examine the endogenous peptides of fetal calf serum. <i>Clinical Proteomics</i> , 2006, 2, 67-89.	1.1	9
40	Pyridoxamine-5-phosphate Enzyme-Linked Immune Mass Spectrometric Assay Substrate for Linear Absolute Quantification of Alkaline Phosphatase to the Yoctomole Range Applied to Prostate Specific Antigen. <i>Analytical Chemistry</i> , 2014, 86, 10684-10691.	3.2	9
41	Re-evaluation of the rabbit myosin protein standard used to create the empirical statistical model for decoy library searching. <i>Analytical Biochemistry</i> , 2018, 560, 39-49.	1.1	9
42	The proteins cleaved by endogenous tryptic proteases in normal EDTA plasma by C18 collection of peptides for liquid chromatography micro electrospray ionization and tandem mass spectrometry. <i>Clinical Proteomics</i> , 2017, 14, 39.	1.1	8
43	An enzyme-linked immuno-mass spectrometric assay with the substrate adenosine monophosphate. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 1119-1130.	1.9	7
44	A phagocytosis assay for oxidized low-density lipoprotein versus immunoglobulin G-coated microbeads in human U937 macrophages. <i>Analytical Biochemistry</i> , 2016, 500, 24-34.	1.1	7
45	Re-evaluation of the 18 non-human protein standards used to create the empirical statistical model for decoy library searching. <i>Analytical Biochemistry</i> , 2020, 599, 113680.	1.1	5
46	Capture and Qualitative Analysis of the Activated Fc Receptor Complex from Live Cells. <i>Current Protocols in Protein Science</i> , 2012, 67, Unit 19.22.	2.8	3
47	Proteomics: From protein structures to clinical applications. <i>Journal of Proteomics</i> , 2013, 81, 1-2.	1.2	1
48	Linear and Gaussian Analysis of a Single Enzyme Molecule by LC-MS. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 301-306.	1.2	1