

Guillaume Chevreux

List of Publications by Year in descending order

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25
papers

737
citations

535685

17
h-index

651938

25
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26
all docs

26
docs citations

26
times ranked

1009
citing authors

#	ARTICLE	IF	CITATIONS
1	C-terminal lysine clipping of IgG1: impact on binding to human Fc γ RIIIa and neonatal Fc receptors. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 159, 105730.	1.9	8
2	Co-translational assembly and localized translation of nucleoporins in nuclear pore complex biogenesis. <i>Molecular Cell</i> , 2021, 81, 2417-2427.e5.	4.5	45
3	A mutated factor X activatable by thrombin corrects bleedings in vivo in a rabbit model of antibody-induced hemophilia A. <i>Haematologica</i> , 2020, 105, 2335-2340.	1.7	3
4	A generic method for intact and subunit level characterization of mAb charge variants by native mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1133, 121814.	1.2	23
5	Human serum albumin presents isoform variants with altered neonatal Fc receptor interactions. <i>Protein Science</i> , 2019, 28, 1982-1992.	3.1	13
6	Quantification of proteins by data independent acquisition: Performance assessment of the Hi3 methodology. <i>Analytical Biochemistry</i> , 2018, 549, 184-187.	1.1	6
7	Middle-up analysis of monoclonal antibodies after combined IgD and IdeS hinge proteolysis: Investigation of free sulfhydryls. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 149, 541-546.	1.4	37
8	Characterization of Human Serum Albumin isoforms by ion exchange chromatography coupled on-line to native mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1095, 87-93.	1.2	30
9	Charge variants characterization of a monoclonal antibody by ion exchange chromatography coupled on-line to native mass spectrometry: Case study after a long-term storage at +5 \AA C. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1048, 130-139.	1.2	110
10	Biochemical characterization of <sc>LR</sc>769, a new recombinant factor VIIa bypassing agent produced in the milk of transgenic rabbits. <i>Haemophilia</i> , 2017, 23, e324-e334.	1.0	10
11	Glycation of polyclonal IgGs: Effect of sugar excipients during stability studies. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 102, 185-190.	2.0	18
12	Mass spectrometry based analysis of human plasma-derived factor <sc>X</sc> revealed novel post-translational modifications. <i>Protein Science</i> , 2015, 24, 1640-1648.	3.1	5
13	Site-specific N-glycosylation analysis of human factor XI: Identification of a noncanonical NXC glycosite. <i>Proteomics</i> , 2014, 14, 2460-2470.	1.3	18
14	LC-MS analysis of polyclonal IgGs using IdeS enzymatic proteolysis for oxidation monitoring. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 961, 1-4.	1.2	23
15	Differential investigations from plasma-derived and recombinant Factor IX revealed major differences in post-translational modifications of activation peptides. <i>Vox Sanguinis</i> , 2013, 104, 171-174.	0.7	12
16	Capillary zone electrophoresis and capillary electrophoresis-mass spectrometry for analyzing qualitative and quantitative variations in therapeutic albumin. <i>Analytica Chimica Acta</i> , 2013, 800, 103-110.	2.6	33
17	N/O-glycosylation analysis of human FVIIa produced in the milk of transgenic rabbits. <i>Glycobiology</i> , 2013, 23, 1531-1546.	1.3	19
18	Monitoring the Dynamics of Monomer Exchange Using Electrospray Mass Spectrometry: The Case of the Dimeric Glucosamine-6-Phosphate Synthase. <i>Journal of the American Society for Mass Spectrometry</i> , 2011, 22, 431-439.	1.2	11

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19	Fast analysis of recombinant monoclonal antibodies using IdeS proteolytic digestion and electrospray mass spectrometry. <i>Analytical Biochemistry</i> , 2011, 415, 212-214.	1.1	104
20	Modulation of E-Cadherin Monomer Folding by Cooperative Binding of Calcium Ions. <i>Biochemistry</i> , 2008, 47, 2339-2349.	1.2	26
21	Nondenaturing Mass Spectrometry to Study Noncovalent Protein/Protein and Protein/Ligand Complexes: Technical Aspects and Application to the Determination of Binding Stoichiometries. <i>Methods in Molecular Biology</i> , 2008, 484, 217-243.	0.4	30
22	Electrospray ionization mass spectrometry studies of noncovalent myosin VI complexes reveal a new specific calmodulin binding site. <i>Journal of the American Society for Mass Spectrometry</i> , 2005, 16, 1367-1376.	1.2	18
23	Ligand-Metal Ion Binding to Proteins: Investigation by ESI Mass Spectrometry. <i>Methods in Enzymology</i> , 2005, 402, 361-389.	0.4	41
24	The unique insert in myosin VI is a structural calcium-calmodulin binding site. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 4787-4792.	3.3	73
25	Probing the ultra-high resolution structure of aldose reductase with molecular modelling and noncovalent mass spectrometry. <i>Bioorganic and Medicinal Chemistry</i> , 2004, 12, 3797-3806.	1.4	19