

# Julien Camperi

## List of Publications by Year in descending order

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18  
papers

414  
citations

687363

13  
h-index

794594

19  
g-index

19  
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19  
docs citations

19  
times ranked

339  
citing authors

#	ARTICLE	IF	CITATIONS
1	Therapeutic Fc-fusion proteins: Current analytical strategies. <i>Journal of Separation Science</i> , 2021, 44, 35-62.	2.5	78
2	Multi-dimensional LC-MS: the next generation characterization of antibody-based therapeutics by unified online bottom-up, middle-up and intact approaches. <i>Analyst</i> , The, 2021, 146, 747-769.	3.5	48
3	Fc galactosylation follows consecutive reaction kinetics and enhances immunoglobulin G hexamerization for complement activation. <i>MAbs</i> , 2021, 13, 1893427.	5.2	36
4	Separation methods hyphenated to mass spectrometry for the characterization of the protein glycosylation at the intact level. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 178, 112921.	2.8	32
5	Fast and Automated Characterization of Monoclonal Antibody Minor Variants from Cell Cultures by Combined Protein-A and Multidimensional LC/MS Methodologies. <i>Analytical Chemistry</i> , 2020, 92, 8506-8513.	6.5	30
6	Development of a 3D-LC/MS Workflow for Fast, Automated, and Effective Characterization of Glycosylation Patterns of Biotherapeutic Products. <i>Analytical Chemistry</i> , 2020, 92, 4357-4363.	6.5	29
7	First characterizations by capillary electrophoresis of human Chorionic Gonadotropin at the intact level. <i>Talanta</i> , 2019, 193, 77-86.	5.5	24
8	Targeted Bottom-up Characterization of Recombinant Monoclonal Antibodies by Multidimensional LC/MS. <i>Analytical Chemistry</i> , 2020, 92, 13420-13426.	6.5	18
9	Inter-laboratory study to evaluate the performance of automated online characterization of antibody charge variants by multi-dimensional LC-MS/MS. <i>Talanta</i> , 2021, 234, 122628.	5.5	18
10	An attempt to characterize the human Chorionic Gonadotropin protein by reversed phase liquid chromatography coupled with high-resolution mass spectrometry at the intact level. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 161, 35-44.	2.8	17
11	Development of Immobilized Enzyme Reactors for the characterization of the glycosylation heterogeneity of a protein. <i>Talanta</i> , 2020, 206, 120171.	5.5	16
12	Analysis of the human chorionic gonadotropin protein at the intact level by HILIC-MS and comparison with RPLC-MS. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 4423-4432.	3.7	15
13	First profiling in hydrophilic interaction liquid chromatography of intact human chorionic gonadotropin isoforms. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 174, 495-499.	2.8	13
14	Automated middle-up approach for the characterization of biotherapeutic products by combining on-line hinge-specific digestion with RPLC-HRMS analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 182, 113130.	2.8	10
15	Identification and semi-relative quantification of intact glycoforms by nano-LC (Orbitrap)MS: application to the $\beta$ -subunit of human chorionic gonadotropin and follicle-stimulating hormone. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 5729-5741.	3.7	7
16	Physicochemical and Functional Characterization of Differential CRISPR-Cas9 Ribonucleoprotein Complexes. <i>Analytical Chemistry</i> , 2022, 94, 1432-1440.	6.5	7
17	Real-time monitoring of antibody quality attributes for cell culture production processes in bioreactors via integration of an automated sampling technology with multi-dimensional liquid chromatography mass spectrometry. <i>Journal of Chromatography A</i> , 2022, 1672, 463067.	3.7	7
18	Monitoring multiple quality attributes of a complex Fc-fusion protein during cell culture production processes by mD-LC-MS peptide mapping. <i>Talanta</i> , 2022, 246, 123519.	5.5	7