

Jerome Vialaret

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

1,508
citations

411340

20
h-index

355658

38
g-index

44
all docs

44
docs citations

44
times ranked

3172
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Quantifying RNA modifications by mass spectrometry: a novel source of biomarkers in oncology. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2022, 59, 1-18. | 2.7 | 14 |
| 2 | Blood amyloid and tau biomarkers as predictors of cerebrospinal fluid profiles. <i>Journal of Neural Transmission</i> , 2022, 129, 231-237. | 1.4 | 7 |
| 3 | Use of plasma biomarkers for AT(N) classification of neurodegenerative dementias. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2021, 92, 1206-1214. | 0.9 | 30 |
| 4 | Analytical comparison of ELISA and mass spectrometry for quantification of serum hepcidin in critically ill patients. <i>Bioanalysis</i> , 2021, 13, 1029-1035. | 0.6 | 6 |
| 5 | Variation of human salivary alpha-amylase proteoforms in three stimulation models. <i>Clinical Oral Investigations</i> , 2020, 24, 475-486. | 1.4 | 7 |
| 6 | Detection of amyloid beta peptides in body fluids for the diagnosis of Alzheimer's disease: Where do we stand?. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2020, 57, 99-113. | 2.7 | 24 |
| 7 | Hepcidin and ferritin levels in restless legs syndrome: a case-control study. <i>Scientific Reports</i> , 2020, 10, 11914. | 1.6 | 21 |
| 8 | In Vivo Large-Scale Mapping of Protein Turnover in Human Cerebrospinal Fluid. <i>Analytical Chemistry</i> , 2019, 91, 15500-15508. | 3.2 | 6 |
| 9 | Intact Protein Analysis by LC-MS for Characterizing Biomarkers in Cerebrospinal Fluid. <i>Methods in Molecular Biology</i> , 2019, 1959, 163-172. | 0.4 | 0 |
| 10 | Nano-flow vs standard-flow: Which is the more suitable LC/MS method for quantifying hepcidin-25 in human serum in routine clinical settings?. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1086, 110-117. | 1.2 | 6 |
| 11 | Association between serum hepcidin level and restless legs syndrome. <i>Movement Disorders</i> , 2018, 33, 618-627. | 2.2 | 25 |
| 12 | Assessing a multiplex-targeted proteomics approach for the clinical diagnosis of periodontitis using saliva samples. <i>Bioanalysis</i> , 2018, 10, 35-45. | 0.6 | 12 |
| 13 | Identification of multiple proteoforms biomarkers on clinical samples by routine Top-Down approaches. <i>Data in Brief</i> , 2018, 18, 1013-1021. | 0.5 | 12 |
| 14 | Towards a routine application of Top-Down approaches for label-free discovery workflows. <i>Journal of Proteomics</i> , 2018, 175, 12-26. | 1.2 | 17 |
| 15 | Impact of biological matrix on inflammatory protein biomarker quantification based on targeted mass spectrometry. <i>Bioanalysis</i> , 2018, 10, 1383-1399. | 0.6 | 5 |
| 16 | Hepcidin: immunoanalytic characteristics. <i>Annales De Biologie Clinique</i> , 2018, 76, 705-715. | 0.2 | 0 |
| 17 | What sample preparation should be chosen for targeted MS monoclonal antibody quantification in human serum?. <i>Bioanalysis</i> , 2018, 10, 723-735. | 0.6 | 12 |
| 18 | Regulatory context and validation of assays for clinical mass spectrometry proteomics (cMSP) methods. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2018, 55, 346-358. | 2.7 | 9 |

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|----|---|-----|-----------|
| 19 | Clinical mass spectrometry proteomics (cMSP) for medical laboratory: What does the future hold?. <i>Clinica Chimica Acta</i> , 2017, 467, 51-58. | 0.5 | 29 |
| 20 | Quantification of hepcidin-25 in human cerebrospinal fluid using LC-MS/MS. <i>Bioanalysis</i> , 2017, 9, 337-347. | 0.6 | 12 |
| 21 | Cerebrospinal fluid levels of orexin-A and histamine, and sleep profile within the Alzheimer process. <i>Neurobiology of Aging</i> , 2017, 53, 59-66. | 1.5 | 76 |
| 22 | Clinical perspectives of dried blood spot protein quantification using mass spectrometry methods. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2017, 54, 173-184. | 2.7 | 19 |
| 23 | Impact of iron deficiency diagnosis using hepcidin mass spectrometry dosage methods on hospital stay and costs after a prolonged ICU stay: Study protocol for a multicentre, randomised, single-blinded medico-economic trial. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2017, 36, 391-396. | 0.6 | 9 |
| 24 | From radioimmunoassay to mass spectrometry: a new method to quantify orexin-A (hypocretin-1) in cerebrospinal fluid. <i>Scientific Reports</i> , 2016, 6, 25162. | 1.6 | 36 |
| 25 | Differential Mass Spectrometry Profiles of Tau Protein in the Cerebrospinal Fluid of Patients with Alzheimer's Disease, Progressive Supranuclear Palsy, and Dementia with Lewy Bodies. <i>Journal of Alzheimer's Disease</i> , 2016, 51, 1033-1043. | 1.2 | 104 |
| 26 | Proteomic profile of cerebrospinal fluid in patients with multiple sclerosis using two dimensional gel electrophoresis. <i>British Journal of Biomedical Science</i> , 2016, 73, 143-146. | 1.2 | 4 |
| 27 | Development of new quantitative mass spectrometry and semi-automatic isofocusing methods for the determination of Apolipoprotein E typing. <i>Clinica Chimica Acta</i> , 2016, 454, 33-38. | 0.5 | 19 |
| 28 | Absolute quantification of 35 plasma biomarkers in human saliva using targeted MS. <i>Bioanalysis</i> , 2016, 8, 43-53. | 0.6 | 22 |
| 29 | Tau Protein Quantification in Human Cerebrospinal Fluid by Targeted Mass Spectrometry at High Sequence Coverage Provides Insights into Its Primary Structure Heterogeneity. <i>Journal of Proteome Research</i> , 2016, 15, 667-676. | 1.8 | 91 |
| 30 | Stable Isotope Labeling by Amino acid <i>in Vivo</i> (SILAV): a new method to explore protein metabolism. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 1917-1925. | 0.7 | 10 |
| 31 | Antibody-free quantification of seven tau peptides in human CSF using targeted mass spectrometry. <i>Frontiers in Neuroscience</i> , 2015, 9, 302. | 1.4 | 34 |
| 32 | Quantitative detection of amyloid- β peptides by mass spectrometry: state of the art and clinical applications. <i>Clinical Chemistry and Laboratory Medicine</i> , 2015, 53, 1483-93. | 1.4 | 30 |
| 33 | The calcium-dependent protein kinase <i>CPK7</i> acts on root hydraulic conductivity. <i>Plant, Cell and Environment</i> , 2015, 38, 1312-1320. | 2.8 | 34 |
| 34 | Development and validation of dried matrix spot sampling for the quantitative determination of amyloid β peptides in cerebrospinal fluid. <i>Clinical Chemistry and Laboratory Medicine</i> , 2014, 52, 649-55. | 1.4 | 8 |
| 35 | Phosphorylation dynamics of membrane proteins from <i>Arabidopsis</i> roots submitted to salt stress. <i>Proteomics</i> , 2014, 14, 1058-1070. | 1.3 | 32 |
| 36 | Clinical measurement of Hepcidin-25 in human serum: Is quantitative mass spectrometry up to the job?. <i>EuPA Open Proteomics</i> , 2014, 3, 60-67. | 2.5 | 19 |

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|----|---|-----|-----------|
| 37 | Coordinated Post-translational Responses of Aquaporins to Abiotic and Nutritional Stimuli in Arabidopsis Roots. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 3886-3897. | 2.5 | 73 |
| 38 | Current and future use of "dried blood spot" analyses in clinical chemistry. <i>Clinical Chemistry and Laboratory Medicine</i> , 2013, 51, 1897-1909. | 1.4 | 102 |
| 39 | Quantitative Clinical Chemistry Proteomics (qCCP) using mass spectrometry: general characteristics and application. <i>Clinical Chemistry and Laboratory Medicine</i> , 2013, 51, 919-35. | 1.4 | 47 |
| 40 | <i>Arabidopsis thaliana</i> High-Affinity Phosphate Transporters Exhibit Multiple Levels of Posttranslational Regulation. <i>Plant Cell</i> , 2011, 23, 1523-1535. | 3.1 | 218 |
| 41 | Validation of a nanoliquid chromatography-tandem mass spectrometry method for the identification and the accurate quantification by isotopic dilution of glutathionylated and cysteinylated precursors of 3-mercaptohexan-1-ol and 4-mercapto-4-methylpentan-2-one in white grape juices. <i>Journal of Chromatography A</i> , 2010, 1217, 1626-1635. | 1.8 | 31 |
| 42 | Evolution of S-Cysteinylated and S-Glutathionylated Thiol Precursors during Oxidation of Melon B. and Sauvignon blanc Musts. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 4406-4413. | 2.4 | 86 |
| 43 | Regulation of glutamate metabolism by protein kinases in mycobacteria. <i>Molecular Microbiology</i> , 2008, 70, 1408-1423. | 1.2 | 147 |