# Jean-charles Sanchez

List of Publications by Year
in descending order

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|---|---|---|---|
| 166 papers | 19,848 citations | 26630 56 h-index | 11607 135 g-index |
| 171 all docs | 171 docs citations | 171 times ranked | 31387 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | pROC: an open-source package for R and S+ to analyze and compare ROC curves. BMC Bioinformatics, 2011, 12, 77. | 2.6 | 8,498 |
| 2 | The dynamic range of protein expression: A challenge for proteomic research. Electrophoresis, 2000, 21, 1104-1115. | 2.4 | 603 |
| 3 | Relative Quantification of Proteins in Human Cerebrospinal Fluids by MS/MS Using 6-Plex Isobaric Tags. Analytical Chemistry, 2008, 80, 2921-2931. | 6.5 | 530 |
| 4 | Extraction of membrane proteins by differential solubilization for separation using two-dimensional gel electrophoresis. Electrophoresis, 1998, 19, 837-844. | 2.4 | 507 |
| 5 | Functional Proteomic Analysis of Human Nucleolus. Molecular Biology of the Cell, 2002, 13, 4100-4109. | 2.1 | 454 |
| 6 | A nonlinear wide-range immobilized pH gradient for two-dimensional electrophoresis and its definition in a relevant pH scale. Electrophoresis, 1993, 14, 1357-1365. | 2.4 | 395 |
| 7 | A panel of cerebrospinal fluid potential biomarkers for the diagnosis of Alzheimer's disease. Proteomics, 2003, 3, 1486-1494. | 2.2 | 344 |
| 8 | Detailed peptide characterization using PEPTIDEMASS - a World-Wide-Web-accessible tool. Electrophoresis, 1997, 18, 403-408. | 2.4 | 334 |
| 9 | Improved and simplified in-gel sample application using reswelling of dry immobilized pH gradients. Electrophoresis, 1997, 18, 324-327. | 2.4 | 319 |
| 10 | Protein expression profiles in human breast ductal carcinoma and histologically normal tissue. Electrophoresis, 1997, 18, 2832-2841. | 2.4 | 278 |
| 11 | A gene encoding a novel RFX-associated transactivator is mutated in the majority of MHC class II deficiency patients. Nature Genetics, 1998, 20, 273-277. | 21.4 | 262 |
| 12 | Colloidal carriers for intravenous drug targeting: Plasma protein adsorption patterns on surface-modified latex particles evaluated by two-dimensional polyacrylamide gel electrophoresis. Electrophoresis, 1993, 14, 1382-1387. | 2.4 | 248 |
| 13 | Twoâ€dimensional gel electrophoresis for proteome projects: The effects of protein hydrophobicity and copy number. Electrophoresis, 1998, 19, 1501-1505. | 2.4 | 196 |
| 14 | Proteomics meets cell biology: The establishment of subcellular proteomes. Electrophoresis, 2000, 21, 3369-3377. | 2.4 | 181 |
| 15 | Current challenges and future applications for protein maps and post-translational vector maps in proteome projects. Electrophoresis, 1996, 17, 830-838. | 2.4 | 179 |
| 16 | Multilevel omics for the discovery of biomarkers and therapeutic targets for stroke. Nature Reviews Neurology, 2020, 16, 247-264. | 10.1 | 167 |
| 17 | Melanie II - a third-generation software package for analysis of two-dimensional electrophoresis images: I. Features and user interface. Electrophoresis, 1997, 18, 2724-2734. | 2.4 | 156 |
| 18 | Federated two-dimensional electrophoresis database: A simple means of publishing two-dimensional electrophoresis data. Electrophoresis, 1996, 17, 540-546. | 2.4 | 149 |

| # | Article | IF | Citations |
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| 19 | Proteomics Analysis of Insulin Secretory Granules. Molecular and Cellular Proteomics, 2007, 6, 1007-1017. | 3.8 | 145 |
| 20 | Plasma protein map: An update by microsequencing. Electrophoresis, 1992, 13, 707-714. | 2.4 | 144 |
| 21 | Matrix-assisted laser desorption/ionization-tandem mass spectrometry with high resolution and sensitivity for identification and characterization of proteins. Proteomics, 2002, 2, 868. | 2.2 | 144 |
| 22 | Translationally controlled tumor protein: A protein identified in several nontumoral cells including erythrocytes. Electrophoresis, 1997, 18, 150-155. | 2.4 | 141 |
| 23 | Improving protein identification from peptide mass fingerprinting through a parameterized multi-level scoring algorithm and an optimized peak detection. Electrophoresis, 1999, 20, 3535-3550. | 2.4 | 140 |
| 24 | MSight: An image analysis software for liquid chromatography-mass spectrometry. Proteomics, 2005, 5, 2381-2384. | 2.2 | 139 |
| 25 | Human liver protein map: A reference database established by microsequencing and gel comparison. Electrophoresis, 1992, 13, 992-1001. | 2.4 | 132 |
| 26 | Renal cell carcinoma and normal kidney protein expression. Electrophoresis, 1997, 18, 599-604. | 2.4 | 131 |
| 27 | Plasma and red blood cell protein maps: Update 1993. Electrophoresis, 1993, 14, 1223-1226. | 2.4 | 129 |
| 28 | PARK7 and Nucleoside Diphosphate Kinase A as Plasma Markers for the Early Diagnosis of Stroke. Clinical Chemistry, 2005, 51, 2043-2051. | 3.2 | 129 |
| 29 | A Molecular Scanner To Automate Proteomic Research and To Display Proteome Images. Analytical Chemistry, 1999, 71, 4981-4988. | 6.5 | 127 |
| 30 | SWISS-2DPAGE: A database of two-dimensional gel electrophoresis images. Electrophoresis, 1993, 14, 1232-1238. | 2.4 | 126 |
| 31 | Fatty Acid Binding Protein as a Serum Marker for the Early Diagnosis of Stroke. Molecular and Cellular Proteomics, 2004, 3, 66-72. | 3.8 | 125 |
| 32 | General Statistical Modeling of Data from Protein Relative Expression Isobaric Tags. Journal of Proteome Research, 2011, 10, 2758-2766. | 3.7 | 120 |
| 33 | Towards an automated approach for protein identification in proteome projects. Electrophoresis, 1998, 19, 1941-1949. | 2.4 | 100 |
| 34 | Combining low- and high-energy tandem mass spectra for optimized peptide quantification with isobaric tags. Journal of Proteomics, 2010, 73, 769-777. | 2.4 | 99 |
| 35 | Characterisation of extracellular vesicleâ€subsets derived from brain endothelial cells and analysis of their protein cargo modulation after TNF exposure. Journal of Extracellular Vesicles, 2017, 6, 1302705. | 12.2 | 96 |
| 36 | Cystatin C as a potential cerebrospinal fluid marker for the diagnosis of Creutzfeldt-Jakob disease. Proteomics, 2004, 4, 2229-2233. | 2.2 | 95 |

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| 37 | Identification ofpost-mortem cerebrospinal fluid proteins as potential biomarkers of ischemia and neurodegeneration. Proteomics, 2004, 4, 2234-2241. | 2.2 | 92 |
| 38 | 3D Cellular Architecture Affects MicroRNA and Protein Cargo of Extracellular Vesicles. Advanced Science, 2019, 6, 1800948. | 11.2 | 91 |
| 39 | '98Escherichia coli SWISS-2DPAGE database update. Electrophoresis, 1998, 19, 1960-1971. | 2.4 | 90 |
| 40 | Brain Extracellular Fluid Protein Changes in Acute Stroke Patients. Journal of Proteome Research, 2011, 10, 1043-1051. | 3.7 | 90 |
| 41 | The cell-envelope proteome of Bifidobacterium longum in an in vitro bile environment. Microbiology (United Kingdom), 2009, 155, 957-967. | 1.8 | 82 |
| 42 | Characterization of the platelet granule proteome: Evidence of the presence of MHC1 in alpha-granules. Journal of Proteomics, 2014, 101, 130-140. | 2.4 | 82 |
| 43 | Proteomics and its trends facing nature's complexity. Proteomics, 2002, 2, 807. | 2.2 | 81 |
| 44 | Two-dimensional gel electrophoresis ofEscherichia coli homogenates: TheEscherichia coli SWISS-2DPAGE database. Electrophoresis, 1996, 17, 547-555. | 2.4 | 80 |
| 45 | Human blood platelet protein map established by two-dimensional polyacrylamide gel electrophoresis. Electrophoresis, 1995, 16, 1152-1159. | 2.4 | 75 |
| 46 | A multiparameter panel method for outcome prediction following aneurysmal subarachnoid hemorrhage. Intensive Care Medicine, 2010, 36, 107-115. | 8.2 | 75 |
| 47 | Exploitation of specific properties of trifluoroethanol for extraction and separation of membrane proteins. Proteomics, 2003, 3, 1418-1424. | 2.2 | 74 |
| 48 | Mining mass spectra for diagnosis and biomarker discovery of cerebral accidents. Proteomics, 2004, 4, 2320-2332. | 2.2 | 70 |
| 49 | Glycation Isotopic Labeling with 13C-Reducing Sugars for Quantitative Analysis of Glycated Proteins in Human Plasma. Molecular and Cellular Proteomics, 2010, 9, 579-592. | 3.8 | 70 |
| 50 | Improving the detection of proteins after transfer to polyvinylidene difluoride membranes. Electrophoresis, 1992, 13, 715-717. | 2.4 | 69 |
| 51 | Effect of Rosiglitazone on the Differential Expression of Diabetes-associated Proteins in Pancreatic Islets of C57Bl/6 lep/lep Mice. Molecular and Cellular Proteomics, 2002, 1, 509-516. | 3.8 | 65 |
| 52 | Cysteine tagging for MSâ€based proteomics. Mass Spectrometry Reviews, 2011, 30, 366-395. | 5.4 | 64 |
| 53 | A Combined CXCL10, CXCL8 and H-FABP Panel for the Staging of Human African Trypanosomiasis Patients. PLoS Neglected Tropical Diseases, 2009, 3, e459. | 3.0 | 62 |
| 54 | Multiple parameter cross-species protein identification using MultiIdent - a world-wide web accessible tool. Electrophoresis, 1998, 19, 3199-3206. | 2.4 | 60 |

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| 55 | Effect of rosiglitazone on the differential expression of obesity and insulin resistance associated proteins inlep/lep mice. Proteomics, 2003, 3, 1500-1520. | 2.2 | 60 |
| 56 | Large-scale protein modelling and integration with the SWISS-PROT and SWISS-2DPAGE databases: The example ofEscherichia coli. Electrophoresis, 1997, 18, 498-501. | 2.4 | 59 |
| 57 | Correlation of proteomic and transcriptomic profiles of Staphylococcus aureus during the post-exponential phase of growth. Journal of Microbiological Methods, 2005, 60, 247-257. | 1.6 | 59 |
| 58 | Glucotoxicity and pancreatic proteomics. Journal of Proteomics, 2009, 71, 576-591. | 2.4 | 59 |
| 59 | EasyProt â€" An easy-to-use graphical platform for proteomics data analysis. Journal of Proteomics, 2013, 79, 146-160. | 2.4 | 57 |
| 60 | Correlation of Blood Biomarkers and Biomarker Panels with Traumatic Findings on Computed Tomography after Traumatic Brain Injury. Journal of Neurotrauma, 2019, 36, 2178-2189. | 3.4 | 56 |
| 61 | Early Levels of Glial Fibrillary Acidic Protein and Neurofilament Light Protein in Predicting the Outcome of Mild Traumatic Brain Injury. Journal of Neurotrauma, 2019, 36, 1551-1560. | 3.4 | 56 |
| 62 | Modified expression of plasma glutathione peroxidase and manganese superoxide dismutase in human renal cell carcinoma. Electrophoresis, 1999, 20, 3458-3466. | 2.4 | 55 |
| 63 | Standardized characterization of gene expression in human colorectal epithelium by two-dimensional electrophoresis. Electrophoresis, 1997, 18, 2842-2848. | 2.4 | 54 |
| 64 | Identification of proteins by their amino acid composition: An evaluation of the method. Electrophoresis, 1996, 17, 573-579. | 2.4 | 53 |
| 65 | New biomarkers for stage determination in Trypanosoma brucei rhodesiense sleeping sickness patients. Clinical and Translational Medicine, 2013, 2, 1. | 4.0 | 52 |
| 66 | Bioinformatics for protein biomarker panel classification: what is needed to bring biomarker panels intoin vitrodiagnostics?. Expert Review of Proteomics, 2009, 6, 675-689. | 3.0 | 51 |
| 67 | A two-dimensional protein map of human amniotic fluid at 17 weeks' gestation. Electrophoresis, 1997, 18, 2816-2822. | 2.4 | 49 |
| 68 | Two-dimensional electrophoresis resources available from ExPASy. Electrophoresis, 1999, 20, 3568-3571. | 2.4 | 47 |
| 69 | Discovery and Verification of Osteopontin and Beta-2-microglobulin as Promising Markers for Staging Human African Trypanosomiasis. Molecular and Cellular Proteomics, 2010, 9, 2783-2795. | 3.8 | 46 |
| 70 | Improved characterization of the insulin secretory granule proteomes. Journal of Proteomics, 2012, 75, 4620-4631. | 2.4 | 46 |
| 71 | A role for Edman degradation in proteome studies. Electrophoresis, 1997, 18, 1068-1072. | 2.4 | 45 |
| 72 | Platelet proteomics. Mass Spectrometry Reviews, 2012, 31, 331-351. | 5.4 | 43 |

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| 73 | Nucleolin Interacts with US11 Protein of Herpes Simplex Virus 1 and Is Involved in Its Trafficking. Journal of Virology, 2012, 86, 1449-1457. | 3.4 | 41 |
| 74 | Cerebrospinal Fluid Neopterin as Marker of the Meningo-Encephalitic Stage of Trypanosoma brucei gambiense Sleeping Sickness. PLoS ONE, 2012, 7, e40909. | 2.5 | 41 |
| 75 | The establishment of a human liver nuclei two-dimensional electrophoresis reference map. Electrophoresis, 2000, 21, 3483-3487. | 2.4 | 40 |
| 76 | Early measurement of interleukin-10 predicts the absence of CT scan lesions in mild traumatic brain injury. PLoS ONE, 2018, 13, e0193278. | 2.5 | 39 |
| 77 | N-t-butyliodoacetamide and iodoacetanilide: two new cysteine alkylating reagents for relative quantitation of proteins. Rapid Communications in Mass Spectrometry, 2004, 18, 117-127. | 1.5 | 37 |
| 78 | Simultaneous analysis of cyclin and oncogene expression using multiple monoclonal antibody immunoblots. Electrophoresis, 1997, 18, 638-641. | 2.4 | 35 |
| 79 | Gold coating of non-conductive membranes before matrix-assisted laser desorption/ionization tandem mass spectrometric analysis prevents charging effect. Rapid Communications in Mass Spectrometry, 2005, 19, 605-610. | 1.5 | 35 |
| 80 | E-selectin and vascular cell adhesion molecule-1 as biomarkers of 3-month outcome in cerebrovascular diseases. Journal of Inflammation, 2015, 12, 61. | 3.4 | 35 |
| 81 | Combined lipidomic and proteomic analysis of isolated human islets exposed to palmitate reveals time-dependent changes in insulin secretion and lipid metabolism. PLoS ONE, 2017, 12, e0176391. | 2.5 | 35 |
| 82 | Nonredundant mass spectrometry: A strategy to integrate mass spectrometry acquisition and analysis. Proteomics, 2004, 4, 917-927. | 2.2 | 34 |
| 83 | H-FABP: A new biomarker to differentiate between CT-positive and CT-negative patients with mild traumatic brain injury. PLoS ONE, 2017, 12, e0175572. | 2.5 | 34 |
| 84 | Matrix metalloproteinaseâ€9 and intercellular adhesion molecule 1 are powerful staging markers for human African trypanosomiasis. Tropical Medicine and International Health, 2011, 16, 119-126. | 2.3 | 33 |
| 85 | Combining H-FABP and GFAP increases the capacity to differentiate between CT-positive and CT-negative patients with mild traumatic brain injury. PLoS ONE, 2018, 13, e0200394. | 2.5 | 33 |
| 86 | Fractalkine (CX3CL1), a new factor protecting Î²-cells against TNFÎ±. Molecular Metabolism, 2014, 3, 731-741. | 6.5 | 31 |
| 87 | TheDictyostelium discoideum proteome - the SWISS-2DPAGE database of the multicellular aggregate (slug). Electrophoresis, 1997, 18, 491-497. | 2.4 | 29 |
| 88 | PanelomiX: A threshold-based algorithm to create panels of biomarkers. Translational Proteomics, 2013, 1, 57-64. | 1.2 | 29 |
| 89 | Specific sample preparation in colorectal cancer. Electrophoresis, 1997, 18, 622-624. | 2.4 | 28 |
| 90 | From brain to blood: New biomarkers for ischemic stroke prognosis. Journal of Proteomics, 2013, 94, 138-148. | 2.4 | 28 |

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| 91 | Profiling the proteomic inflammatory state of human astrocytes using DIA mass spectrometry. Journal of Neuroinflammation, 2018, 15, 331. | 7.2 | 28 |
| 92 | Elevation of apolipoprotein E in the CSF of cattle affected by BSE. FEBS Letters, 1997, 416, 161-163. | 2.8 | 27 |
| 93 | Proteomics of regulated secretory organelles. Mass Spectrometry Reviews, 2009, 28, 844-867. | 5.4 | 27 |
| 94 | Blood Glutathione S-Transferase-Ï€ as a Time Indicator of Stroke Onset. PLoS ONE, 2012, 7, e43830. | 2.5 | 27 |
| 95 | The Prognostic Significance of the Serum Biomarker Heart-Fatty Acidic Binding Protein in Comparison with S100b in Severe Traumatic Brain Injury. Journal of Neurotrauma, 2013, 30, 1631-1637. | 3.4 | 26 |
| 96 | Single Cell Immuno-Laser Microdissection Coupled to Label-Free Proteomics to Reveal the Proteotypes of Human Brain Cells After Ischemia. Molecular and Cellular Proteomics, 2018, 17, 175-189. | 3.8 | 26 |
| 97 | Neopterin Is a Cerebrospinal Fluid Marker for Treatment Outcome Evaluation in Patients Affected by Trypanosoma brucei gambiense Sleeping Sickness. PLoS Neglected Tropical Diseases, 2013, 7, e2088. | 3.0 | 25 |
| 98 | Make2ddb: A simple package to set up a two-dimensional electrophoresis database for the World Wide Web. Electrophoresis, 1997, 18, 2755-2758. | 2.4 | 24 |
| 99 | An Integrative Multi-Omics Workflow to Address Multifactorial Toxicology Experiments. Metabolites, 2019, 9, 79. | 2.9 | 24 |
| 100 | Diagnostic performance of peroxiredoxin 1 to determine time-of-onset of acute cerebral infarction. Scientific Reports, 2016, 6, 38300. | 3.3 | 22 |
| 101 | Proteomic discovery and verification of serum amyloid A as a predictor marker of patients at risk of post-stroke infection: a pilot study. Clinical Proteomics, 2017, 14, 27. | 2.1 | 22 |
| 102 | Heart-Fatty Acid-Binding Protein as a Marker for Early Detection of Acute Myocardial Infarction and Stroke. Molecular Diagnosis and Therapy, 2005, 9, 1-7. | 1.1 | 21 |
| 103 | Modulation of Neuronal Pentraxin 1 Expression in Rat Pancreatic Î²-Cells Submitted to Chronic Glucotoxic Stress. Molecular and Cellular Proteomics, 2012, 11, 244-254. | 3.8 | 21 |
| 104 | Highlights of the Biology and Disease-driven Human Proteome Project, 2015â€“2016. Journal of Proteome Research, 2016, 15, 3979-3987. | 3.7 | 21 |
| 105 | New molecular insights into modulation of platelet reactivity in aspirin-treated patients using a network-based approach. Human Genetics, 2016, 135, 403-414. | 3.8 | 21 |
| 106 | Quantitative Analysis of Glycated Proteins. Journal of Proteome Research, 2014, 13, 336-347. | 3.7 | 20 |
| 107 | Measuring Serum Amyloid A for Infection Prediction in Aneurysmal Subarachnoid Hemorrhage. Journal of Proteome Research, 2015, 14, 3948-3956. | 3.7 | 20 |
| 108 | Interleukin 10 and Heart Fatty Acid-Binding Protein as Early Outcome Predictors in Patients With Traumatic Brain Injury. Frontiers in Neurology, 2020, 11, 376. | 2.4 | 20 |

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| 109 | Spermatocytes and round spermatids of rat testis: The difference betweenin vivo andin vitro protein patterns. Electrophoresis, 1997, 18, 548-552. | 2.4 | 19 |
| 110 | Inhibition of Insulin Secretion by Betagranin, an N-terminal Chromogranin A Fragment. Journal of Biological Chemistry, 2007, 282, 12717-12724. | 3.4 | 19 |
| 111 | Hydrogen/deuterium exchange for higher specificity of protein identification by peptide mass fingerprinting. Rapid Communications in Mass Spectrometry, 2002, 16, 616-626. | 1.5 | 18 |
| 112 | Characterisation of the influences of aspirin-acetylation and glycation on human plasma proteins. Journal of Proteomics, 2015, 114, 125-135. | 2.4 | 16 |
| 113 | SAA (Serum Amyloid A). Stroke, 2020, 51, 3523-3530. | 2.0 | 16 |
| 114 | Early activation of the fatty acid metabolism pathway by chronic high glucose exposure in rat insulin secretory Î²â€cells. Proteomics, 2010, 10, 59-71. | 2.2 | 14 |
| 115 | Enrichment of N-terminal cysteinyl-peptides by covalent capture. Journal of Proteomics, 2009, 71, 647-661. | 2.4 | 13 |
| 116 | Accuracy of C-reactive protein, procalcitonin, serum amyloid A and neopterin for low-dose CT-scan confirmed pneumonia in elderly patients: A prospective cohort study. PLoS ONE, 2020, 15, e0239606. | 2.5 | 13 |
| 117 | The dynamic range of protein expression: A challenge for proteomic research. Electrophoresis, 2000, 21, 1104-1115. | 2.4 | 13 |
| 118 | Impact of high glucose concentration on aspirin-induced acetylation of human serum albumin: An in vitro study. EuPA Open Proteomics, 2014, 3, 100-113. | 2.5 | 12 |
| 119 | Evaluation of Antigens for Development of a Serological Test for Human African Trypanosomiasis. PLoS ONE, 2016, 11, e0168074. | 2.5 | 12 |
| 120 | Integrative Multi-omics Analysis to Characterize Human Brain Ischemia. Molecular Neurobiology, 2021, 58, 4107-4121. | 4.0 | 12 |
| 121 | A two-dimensional electrophoretic study of serum amyloid A and C-reactive protein in infants and children. Electrophoresis, 1998, 19, 776-781. | 2.4 | 11 |
| 122 | Labeling of Bifidobacterium longum Cells with 13 C-Substituted Leucine for Quantitative Proteomic Analyses. Applied and Environmental Microbiology, 2007, 73, 5653-5656. | 3.1 | 11 |
| 123 | Cerebral ischemic events in patients with pancreatic cancer. Medicine (United States), 2016, 95, e4009. | 1.0 | 11 |
| 124 | Proteomic and lipidomic analyses of paraoxonase defined high density lipoprotein particles: Association of paraoxonase with the antiâ€coagulant, protein S. Proteomics - Clinical Applications, 2016, 10, 230-238. | 1.6 | 11 |
| 125 | Admission Levels of Total Tau and Î²-Amyloid Isoforms 1â€“40 and 1â€“42 in Predicting the Outcome of Mild Traumatic Brain Injury. Frontiers in Neurology, 2020, 11, 325. | 2.4 | 11 |
| 126 | Intracellular and Extracellular Markers of Lethality in Osteogenesis Imperfecta: A Quantitative Proteomic Approach. International Journal of Molecular Sciences, 2021, 22, 429. | 4.1 | 11 |

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| 127 | Cysteineâ€reactive covalent capture tags for enrichment of cysteineâ€containing peptides. Rapid Communications in Mass Spectrometry, 2009, 23, 3377-3386. | 1.5 | 10 |
| 128 | A tandem mass tag (TMT) proteomic analysis during the early phase of experimental pancreatitis reveals new insights in the disease pathogenesis. Journal of Proteomics, 2018, 181, 190-200. | 2.4 | 10 |
| 129 | Deep proteomics and phosphoproteomics reveal novel biological pathways perturbed by morphine, morphineâ€3â€glucuronide and morphineâ€6â€glucuronide in human astrocytes. Journal of Neuroscience Research, 2022, 100, 220-236. | 2.9 | 10 |
| 130 | Spermatocytes and round spermatids of rat testis: Protein patterns. Electrophoresis, 1995, 16, 1225-1230. | 2.4 | 9 |
| 131 | Aspirin-mediated acetylation of haemoglobin increases in presence of high glucose concentration and decreases protein glycation. EuPA Open Proteomics, 2015, 8, 116-127. | 2.5 | 9 |
| 132 | Neopterin plasma concentrations in patients with aneurysmal subarachnoid hemorrhage: correlation with infection and long-term outcome. Journal of Neurosurgery, 2016, 124, 1287-1299. | 1.6 | 9 |
| 133 | A high glucose level is associated with decreased aspirin-mediated acetylation of platelet cyclooxygenase (COX)-1 at serine 529: A pilot study. Journal of Proteomics, 2019, 192, 258-266. | 2.4 | 9 |
| 134 | Increased acute immune response during the meningo-encephalitic stage of Trypanosoma brucei rhodesiense sleeping sickness compared to Trypanosoma brucei gambiense. Translational Proteomics, 2015, 6, 1-9. | 1.2 | 8 |
| 135 | Palmitate-Induced Insulin Hypersecretion and Later Secretory Decline Associated with Changes in Protein Expression Patterns in Human Pancreatic Islets. Journal of Proteome Research, 2018, 17, 3824-3836. | 3.7 | 8 |
| 136 | Admission Levels of Interleukin 10 and Amyloid Î² 1â€“40 Improve the Outcome Prediction Performance of the Helsinki Computed Tomography Score in Traumatic Brain Injury. Frontiers in Neurology, 2020, 11, 549527. | 2.4 | 8 |
| 137 | Morphine-induced modulation of Nrf2-antioxidant response element signaling pathway in primary human brain microvascular endothelial cells. Scientific Reports, 2022, 12, 4588. | 3.3 | 8 |
| 138 | Phenotyping of apolipoprotein E using immobilized pH gradient gels for one-dimensional and two-dimensional separations. Electrophoresis, 1995, 16, 1184-1186. | 2.4 | 7 |
| 139 | Translation of human African trypanosomiasis biomarkers towards field application. Translational Proteomics, 2013, 1, 12-24. | 1.2 | 7 |
| 140 | Sleeping Sickness in the â€˜Omics Era. Proteomics - Clinical Applications, 2018, 12, e1700041. | 1.6 | 7 |
| 141 | Potential of heart fatty-acid binding protein, neurofilament light, interleukin-10 and S100 calcium-binding protein B in the acute diagnostics and severity assessment of traumatic brain injury. Emergency Medicine Journal, 2022, 39, 206-212. | 1.0 | 7 |
| 142 | Changes induced by oxygen in rat liver proteins identified by high-resolution two-dimensional gel electrophoresis. FEBS Journal, 2000, 267, 5580-5584. | 0.2 | 6 |
| 143 | Cerebrospinal Fluid-Derived Microvesicles From Sleeping Sickness Patients Alter Protein Expression in Human Astrocytes. Frontiers in Cellular and Infection Microbiology, 2019, 9, 391. | 3.9 | 6 |
| 144 | Role of Clinical Characteristics and Biomarkers at Admission to Predict One-Year Mortality in Elderly Patients with Pneumonia. Journal of Clinical Medicine, 2022, 11, 105. | 2.4 | 6 |

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| 145 | Unraveling modulators of platelet reactivity in cardiovascular patients using omics strategies: Towards a network biology paradigm. Translational Proteomics, 2013, 1, 25-37. | 1.2 | 5 |
| 146 | Mechanisms of local invasion in enteroendocrine tumors: Identification of novel candidate cytoskeleton-associated proteins in an experimental mouse model by a proteomic approach and validation in human tumors. Molecular and Cellular Endocrinology, 2015, 399, 154-163. | 3.2 | 5 |
| 147 | Protein pathway analysis to study development-dependent effects of acute and repeated trimethyltin (TMT) treatments in 3D rat brain cell cultures. Toxicology in Vitro, 2019, 60, 281-292. | 2.4 | 5 |
| 148 | The magic of words. Journal of Proteomics, 2014, 107, 1-4. | 2.4 | 4 |
| 149 | Quantitative proteomics reveals the link between minichromosome maintenance complex and glucose-induced proliferation of rat pancreatic INS-1E Î²-cells. Journal of Proteomics, 2014, 108, 163-170. | 2.4 | 4 |
| 150 | Neopterin and CXCL-13 in Diagnosis and Follow-Up of Trypanosoma brucei gambiense Sleeping Sickness: Lessons from the Field in Angola. BioMed Research International, 2019, 2019, 1-9. | 1.9 | 3 |
| 151 | Editorial: Biomarkers of Brain Damage â€“ A Complex Challenge With Great Potential. Frontiers in Neurology, 2021, 12, 664445. | 2.4 | 3 |
| 152 | Ubiquinone Metabolism and Transcription HIF-1 Targets Pathway Are Toxicity Signature Pathways Present in Extracellular Vesicles of Paraquat-Exposed Human Brain Microvascular Endothelial Cells. International Journal of Molecular Sciences, 2021, 22, 5065. | 4.1 | 3 |
| 153 | A Clinical Molecular Scanner to Study Human Proteome Complexity. Novartis Foundation Symposium, 2008, 229, 33-40. | 1.1 | 2 |
| 154 | Comparative analysis of cerebrospinal fluid from the meningo-encephalitic stage of T. b. gambiense and rhodesiense sleeping sickness patients using TMT quantitative proteomics. Data in Brief, 2015, 4, 400-405. | 1.0 | 2 |
| 155 | Shotgun proteomics data on the impact of hyperglycaemia on platelet protein acetylation by aspirin. Data in Brief, 2018, 21, 2475-2481. | 1.0 | 2 |
| 156 | Infection prediction for aneurysmal subarachnoid hemorrhage patients at hospital admission: combined panel of serum amyloid A and clinical parameters. Journal of Translational Science, 2017, 3, . | 0.2 | 2 |
| 157 | Detection of Biomarkers of Stroke Using SELDI-TOF. , 2007, 357, 343-350. | | 1 |
| 158 | Proteomics in clinical and fundamental medicine. Scandinavian Journal of Clinical and Laboratory Investigation, 2002, 62, 7-7. | 1.2 | 0 |
| 159 | SPS' Digest: The Swiss Proteomics Society selection of proteomics articles. Proteomics, 2005, 5, 3045-3047. | 2.2 | 0 |
| 160 | Data for Tandem Mass Tag (TMT) proteomic analysis of the pancreas during the early phase of experimental pancreatitis. Data in Brief, 2018, 20, 779-783. | 1.0 | 0 |
| 161 | A Panel Comprising Serum Amyloid A, White Blood Cells and Nihss for the Triage of Patients at Low Risk of Post-Stroke Infection. Diagnostics, 2021, 11, 1070. | 2.6 | 0 |
| 162 | Title is missing!. , 2020, 15, e0239606. | | 0 |

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| 164 | Title is missing!. , 2020, 15, e0239606. | | 0 |
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| 166 | Kinetics of inflammatory biomarkers to predict one-year mortality in older patients hospitalized for pneumonia: a multivariable analysis. International Journal of Infectious Diseases, 2022, 122, 63-69. | 3.3 | 0 |