Bruno Manadas

List of Publications by Year
in descending order

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106 papers	3,650 citations	172207 29 h-index	149479 56 g-index
115 all docs	115 docs citations	115 times ranked	6355 citing authors

#	Article	IF	Citations
1	Metabolic parameters as possible diagnostic predictors in firstâ€episode psychosis: An exploratory retrospective cohort study. Microbial Biotechnology, 2022, 16, 1171-1174.	0.9	3
2	Posttranslational modifications of proteins are key features in the identification of CSF biomarkers of multiple sclerosis. Journal of Neuroinflammation, 2022, 19, 44.	3.1	4
3	Endogenous Fluorescent Proteins in the Mucus of an Intertidal Polychaeta: Clues for Biotechnology. Marine Drugs, 2022, 20, 224.	2.2	4
4	Proteome dataset of sea bass (Dicentrarchus labrax) skin-scales exposed to fluoxetine and estradiol. Data in Brief, 2022, 41, 107971.	0.5	0
5	Modulation of signaling pathways by DJ-1: An updated overview. Redox Biology, 2022, 51, 102283.	3.9	26
6	Decoding the radiomic and proteomic phenotype of epicardial adipose tissue associated with adverse left atrial remodelling and post-operative atrial fibrillation in aortic stenosis. European Heart Journal Cardiovascular Imaging, 2022, 23, 1248-1259.	0.5	4
7	Systematic Review and Meta-Analysis of Mass Spectrometry Proteomics Applied to Human Peripheral Fluids to Assess Potential Biomarkers of Schizophrenia. International Journal of Molecular Sciences, 2022, 23, 4917.	1.8	10
8	Systematic Review and Meta-Analysis on MS-Based Proteomics Applied to Human Peripheral Fluids to Assess Potential Biomarkers of Bipolar Disorder. International Journal of Molecular Sciences, 2022, 23, 5460.	1.8	9
9	Thermopriming-associated proteome and sugar content responses in Pinus radiata embryogenic tissue. Plant Science, 2022, 321, 111327.	1.7	5
10	Effects of microplastics alone and with adsorbed benzo(a)pyrene on the gills proteome of Scrobicularia plana. Science of the Total Environment, 2022, 842, 156895.	3.9	5
11	Hypoxia and Hypoxia-Inducible Factor-1Î± Regulate Endoplasmic Reticulum Stress in Nucleus Pulposus Cells. American Journal of Pathology, 2021, 191, 487-502.	1.9	20
12	Chronic pain susceptibility is associated with anhedonic behavior and alterations in the accumbal ubiquitin-proteasome system. Pain, 2021, 162, 1722-1731.	2.0	4
13	Disclosing proteins in the leaves of cork oak plants associated with the immune response to Phytophthora cinnamomi inoculation in the roots: A long-term proteomics approach. PLoS ONE, 2021, 16, e0245148.	1.1	9
14	Specific Antiproliferative Properties of Proteinaceous Toxin Secretions from the Marine Annelid Eulalia sp. onto Ovarian Cancer Cells. Marine Drugs, 2021, 19, 31.	2.2	11
15	Stem Cell Therapy for Neonatal Hypoxic-Ischemic Encephalopathy: A Systematic Review of Preclinical Studies. International Journal of Molecular Sciences, 2021, 22, 3142.	1.8	32
16	GMP-grade nanoparticle targeted to nucleolin downregulates tumor molecular signature, blocking growth and invasion, at low systemic exposure. Nano Today, 2021, 37, 101095.	6.2	15
17	Proteome-Wide Analysis of Heat-Stress in Pinus radiata Somatic Embryos Reveals a Combined Response of Sugar Metabolism and Translational Regulation Mechanisms. Frontiers in Plant Science, 2021, 12, 631239.	1.7	15
18	Comparative Analysis of Bursaphelenchus xylophilus Secretome Under Pinus pinaster and P. pinea Stimuli. Frontiers in Plant Science, 2021, 12, 668064.	1.7	8

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19	The Enhanced Efficacy of Intracellular Delivery of Doxorubicin/C6-Ceramide Combination Mediated by the F3 Peptide/Nucleolin System Is Supported by the Downregulation of the PI3K/Akt Pathway. Cancers, 2021, 13, 3052.	1.7	7
20	Chemoprevention and therapeutic role of essential oils and phenolic compounds: Modeling tumor microenvironment in glioblastoma. Pharmacological Research, 2021, 169, 105638.	3.1	16
21	Virulence Biomarkers of Bursaphelenchus xylophilus: A Proteomic Approach. Frontiers in Plant Science, 2021, 12, 822289.	1.7	7
22	Spotted Fever Group Rickettsia Trigger Species-Specific Alterations in Macrophage Proteome Signatures with Different Impacts in Host Innate Inflammatory Responses. Microbiology Spectrum, 2021, 9, e0081421.	1.2	4
23	FA-SAT ncRNA interacts with PKM2 protein: depletionÂof this complex inducesÂa switch from cell proliferation to apoptosis. Cellular and Molecular Life Sciences, 2020, 77, 1371-1386.	2.4	10
24	Epicardial adipose tissue volume and annexin A2/fetuin-A signalling are linked to coronary calcification in advanced coronary artery disease: Computed tomography and proteomic biomarkers from the EPICHEART study. Atherosclerosis, 2020, 292, 75-83.	0.4	25
25	Comparative Proteomic Analysis of Nodulated and Non-Nodulated Casuarina glauca Sieb. ex Spreng. Grown under Salinity Conditions Using Sequential Window Acquisition of All Theoretical Mass Spectra (SWATH-MS). International Journal of Molecular Sciences, 2020, 21, 78.	1.8	13
26	Mitochondrial and Redox Modifications in Huntington Disease Induced Pluripotent Stem Cells Rescued by CRISPR/Cas9 CAGs Targeting. Frontiers in Cell and Developmental Biology, 2020, 8, 576592.	1.8	24
27	Influence of EPICardial adipose tissue in HEART diseases (EPICHEART) study: Protocol for a translational study in coronary atherosclerosis. Revista Portuguesa De Cardiologia, 2020, 39, 625-633.	0.2	2
28	The Potential of Metabolomics in the Diagnosis of Thyroid Cancer. International Journal of Molecular Sciences, 2020, 21, 5272.	1.8	21
29	Cofilin-1 Is a Mechanosensitive Regulator of Transcription. Frontiers in Cell and Developmental Biology, 2020, 8, 678.	1.8	8
30	Changes in the salivary proteome of beagle dogs after weight loss. Domestic Animal Endocrinology, 2020, 72, 106474.	0.8	2
31	Proteomic Analyses Reveal New Insights on the Antimicrobial Mechanisms of Chitosan Biopolymers and Their Nanosized Particles against Escherichia coli. International Journal of Molecular Sciences, 2020, 21, 225.	1.8	10
32	Proteomics-based Predictive Model for the Early Detection of Metastasis and Recurrence in Head and Neck Cancer. Cancer Genomics and Proteomics, 2020, 17, 259-269.	1.0	10
33	Analytical methods to monitor dopamine metabolism in plasma: Moving forward with improved diagnosis and treatment of neurological disorders. Journal of Pharmaceutical and Biomedical Analysis, 2020, 187, 113323.	1.4	15
34	A different vision of translational research in biomarker discovery: a pilot study on circulatory mitochondrial proteins as Parkinsonâ€™s disease potential biomarkers. Translational Neurodegeneration, 2020, 9, 11.	3.6	4
35	Specific Nutritional Biomarker Profiles in Mild Cognitive Impairment and Subjective Cognitive Decline Are Associated With Clinical Progression: The NUDAD Project. Journal of the American Medical Directors Association, 2020, 21, 1513.e1-1513.e17.	1.2	17
36	Influence of EPICardial adipose tissue in HEART diseases (EPICHEART) study: Protocol for a translational study in coronary atherosclerosis. Revista Portuguesa De Cardiologia (English Edition), 2020, 39, 625-633.	0.2	0

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37	Validation of an LC-MS/MS Method for the Quantification of Caffeine and Theobromine Using Non-Matched Matrix Calibration Curve. Molecules, 2019, 24, 2863.	1.7	15
38	Use of recombinant proteins as a simple and robust normalization method for untargeted proteomics screening: exhaustive performance assessment. Talanta, 2019, 205, 120163.	2.9	17
39	Pre-analytical stability of novel cerebrospinal fluid biomarkers. Clinica Chimica Acta, 2019, 497, 204-211.	0.5	9
40	Bone Marrow Mesenchymal Stem Cells' Secretome Exerts Neuroprotective Effects in a Parkinson's Disease Rat Model. Frontiers in Bioengineering and Biotechnology, 2019, 7, 294.	2.0	70
41	Meningeal Î³Î´ T cellâ€“derived IL-17 controls synaptic plasticity and short-term memory. Science Immunology, 2019, 4, .	5.6	184
42	Experimental data from flesh quality assessment and shelf life monitoring of high pressure processed European sea bass (Dicentrarchus labrax) fillets. Data in Brief, 2019, 26, 104451.	0.5	7
43	Advances in biomarker detection: Alternative approaches for blood-based biomarker detection. Advances in Clinical Chemistry, 2019, 92, 141-199.	1.8	19
44	Changes in the intestinal mucosal proteome of turkeys (Meleagris gallopavo) infected with haemorrhagic enteritis virus. Veterinary Immunology and Immunopathology, 2019, 213, 109880.	0.5	0
45	Comparative proteomic analysis of saliva from dogs with and without obesity-related metabolic dysfuntion. Journal of Proteomics, 2019, 201, 65-72.	1.2	14
46	High pressure processing of European sea bass (Dicentrarchus labrax) fillets and tools for flesh quality and shelf life monitoring. Journal of Food Engineering, 2019, 262, 83-91.	2.7	39
47	A Pathogen and a Non-pathogen Spotted Fever Group Rickettsia Trigger Differential Proteome Signatures in Macrophages. Frontiers in Cellular and Infection Microbiology, 2019, 9, 43.	1.8	23
48	Proteomics and antioxidant enzymes reveal different mechanisms of toxicity induced by ionic and nanoparticulate silver in bacteria. Environmental Science: Nano, 2019, 6, 1207-1218.	2.2	29
49	oxSWATH: An integrative method for a comprehensive redox-centered analysis combined with a generic differential proteomics screening. Redox Biology, 2019, 22, 101130.	3.9	15
50	An atypical aspartic protease modulates lateral root development in Arabidopsis thaliana. Journal of Experimental Botany, 2019, 70, 2157-2171.	2.4	24
51	Untargeted Metabolomics Relative Quantification by SWATH Mass Spectrometry Applied to Cerebrospinal Fluid. Methods in Molecular Biology, 2019, 2044, 321-336.	0.4	2
52	SWATH Mass Spectrometry Applied to Cerebrospinal Fluid Differential Proteomics: Establishment of a Sample-Specific Method. Methods in Molecular Biology, 2019, 2044, 169-189.	0.4	1
53	Co-Transplantation of Adipose Tissue-Derived Stromal Cells and Olfactory Ensheathing Cells for Spinal Cord Injury Repair. Stem Cells, 2018, 36, 696-708.	1.4	48
54	Elucidation of the dynamic nature of interactome networks: A practical tutorial. Journal of Proteomics, 2018, 171, 116-126.	1.2	1

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55	Secretome of Undifferentiated Neural Progenitor Cells Induces Histological and Motor Improvements in a Rat Model of Parkinson's Disease. Stem Cells Translational Medicine, 2018, 7, 829-838.	1.6	56
56	Influence of passage number on the impact of the secretome of adipose tissue stem cells on neural survival, neurodifferentiation and axonal growth. Biochimie, 2018, 155, 119-128.	1.3	20
57	A translational view of cells' secretome analysis - from untargeted proteomics to potential circulating biomarkers. Biochimie, 2018, 155, 37-49.	1.3	13
58	SWATHâ€MS as a tool for biomarker discovery: From basic research to clinical applications. Proteomics, 2017, 17, 1600278.	1.3	139
59	Insights into the human brain proteome: Disclosing the biological meaning of protein networks in cerebrospinal fluid. Critical Reviews in Clinical Laboratory Sciences, 2017, 54, 185-204.	2.7	29
60	A proteomic and ultrastructural characterization of Aspergillus fumigatus' conidia adaptation at different culture ages. Journal of Proteomics, 2017, 161, 47-56.	1.2	10
61	EDTA-functionalized magnetic nanoparticles: A suitable platform for the analysis of low abundance urinary proteins. Talanta, 2017, 170, 81-88.	2.9	5
62	A fractionation approach applying chelating magnetic nanoparticles to characterize pericardial fluid's proteome. Archives of Biochemistry and Biophysics, 2017, 634, 1-10.	1.4	3
63	Matrisome Profiling During Intervertebral Disc Development And Ageing. Scientific Reports, 2017, 7, 11629.	1.6	35
64	Functional and structural characterization of synthetic cardosin B-derived rennet. Applied Microbiology and Biotechnology, 2017, 101, 6951-6968.	1.7	15
65	Neuroproteomics Using Short GeLC-SWATH: From the Evaluation of Proteome Changes to the Clarification of Protein Function. Neuromethods, 2017, , 107-138.	0.2	7
66	Targeted Approach for Proteomic Analysis of a Hidden Membrane Protein. Methods in Molecular Biology, 2017, 1619, 151-172.	0.4	1
67	Mesenchymal Stem Cell Secretome: A Potential Tool for the Prevention of Muscle Degenerative Changes Associated With Chronic Rotator Cuff Tears. American Journal of Sports Medicine, 2017, 45, 179-188.	1.9	63
68	Impact of the Secretome of Human Mesenchymal Stem Cells on Brain Structure and Animal Behavior in a Rat Model of Parkinson's Disease. Stem Cells Translational Medicine, 2017, 6, 634-646.	1.6	152
69	Crosstalk between glial and glioblastoma cells triggers the â€œgo-or-growâ€•phenotype of tumor cells. Cell Communication and Signaling, 2017, 15, 37.	2.7	35
70	Impact of mesenchymal stem cellsâ€™ secretome on glioblastoma pathophysiology. Journal of Translational Medicine, 2017, 15, 200.	1.8	33
71	Circulating biomarkers in schizophrenia: a proteomics perspective. International Journal of Clinical Neurosciences and Mental Health, 2017, , S05.	0.7	3
72	Protein precipitation of diluted samples in SDSâ€containing buffer with acetone leads to higher protein recovery and reproducibility in comparison with TCA/acetone approach. Proteomics, 2016, 16, 1847-1851.	1.3	42

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73	A reference library of peripheral blood mononuclear cells for SWATHâ€MS analysis. Proteomics - Clinical Applications, 2016, 10, 760-764.	0.8	11
74	Bursaphelenchus xylophilus and B. mucronatus secretomes: a comparative proteomic analysis. Scientific Reports, 2016, 6, 39007.	1.6	25
75	Enzymatic properties, evidence for in vivo expression, and intracellular localization of shewasin D, the pepsin homolog from Shewanella denitrificans. Scientific Reports, 2016, 6, 23869.	1.6	6
76	Unraveling Mesenchymal Stem Cellsâ€™ Dynamic Secretome Through Nontargeted Proteomics Profiling. Methods in Molecular Biology, 2016, 1416, 521-549.	0.4	18
77	Unveiling the Differences of Secretome of Human Bone Marrow Mesenchymal Stem Cells, Adipose Tissue-Derived Stem Cells, and Human Umbilical Cord Perivascular Cells: A Proteomic Analysis. Stem Cells and Development, 2016, 25, 1073-1083.	1.1	175
78	Direct analysis of [6,6-2H2]glucose and [U-13C6]glucose dry blood spot enrichments by LCâ€“MS/MS. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1022, 242-248.	1.2	3
79	Modulation of the Mesenchymal Stem Cell Secretome Using Computer-Controlled Bioreactors: Impact on Neuronal Cell Proliferation, Survival and Differentiation. Scientific Reports, 2016, 6, 27791.	1.6	98
80	Protein Quality Assessment on Saliva Samples for Biobanking Purposes. Biopreservation and Biobanking, 2016, 14, 289-297.	0.5	20
81	Bioaccessibility and changes on cylindrospermopsin concentration in edible mussels with storage and processing time. Food Control, 2016, 59, 567-574.	2.8	15
82	Gap junctional protein Cx43 is involved in the communication between extracellular vesicles and mammalian cells. Scientific Reports, 2015, 5, 13243.	1.6	135
83	Does Caffeine Consumption Modify Cerebrospinal Fluid Amyloid-Î² Levels inÂPatients with Alzheimerâ€™s Disease?. Journal of Alzheimer's Disease, 2015, 47, 1069-1078.	1.2	28
84	Effect of Global ATGL Knockout on Murine Fasting Glucose Kinetics. Journal of Diabetes Research, 2015, 2015, 1-8.	1.0	7
85	Do hypoxia/normoxia culturing conditions change the neuroregulatory profile of Wharton Jelly mesenchymal stem cell secretome?. Stem Cell Research and Therapy, 2015, 6, 133.	2.4	67
86	Interacting Network of the Gap Junction (GJ) Protein Connexin43 (Cx43) is Modulated by Ischemia and Reperfusion in the Heart*. Molecular and Cellular Proteomics, 2015, 14, 3040-3055.	2.5	55
87	Reduced Î±-MSH Underlies Hypothalamic ER-Stress-Induced Hepatic Gluconeogenesis. Cell Reports, 2015, 12, 361-370.	2.9	33
88	Short GeLC-SWATH: A fast and reliable quantitative approach for proteomic screenings. Proteomics, 2015, 15, 757-762.	1.3	79
89	Ser119 phosphorylation modulates the activity and conformation of PRRXL1, a homeodomain transcription factor. Biochemical Journal, 2014, 459, 441-453.	1.7	7
90	Unveiling the effects of the secretome of mesenchymal progenitors from the umbilical cord in different neuronal cell populations. Biochimie, 2013, 95, 2297-2303.	1.3	40

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91	Comparative Analysis of the Exoproteomes ofListeria monocytogenesStrains Grown at Low Temperatures. Foodborne Pathogens and Disease, 2013, 10, 428-434.	0.8	22
92	Toward a standardized saliva proteome analysis methodology. Journal of Proteomics, 2012, 75, 5140-5165.	1.2	39
93	Partitioning the Proteome: Phase Separation for Targeted Analysis of Membrane Proteins in Human Post-Mortem Brain. PLoS ONE, 2012, 7, e39509.	1.1	10
94	Comparative Proteomic Analysis of Auxin-Induced Embryogenic and Nonembryogenic Tissues of the Solanaceous Tree Cyphomandra betacea (Tamarillo). Journal of Proteome Research, 2012, 11, 1666-1675.	1.8	72
95	Pollen proteases compromise the airway epithelial barrier through degradation of transmembrane adhesion proteins and lung bioactive peptides. Allergy: European Journal of Allergy and Clinical Immunology, 2011, 66, 1088-1098.	2.7	115
96	Analysis of glucose metabolism in farmed European sea bass (Dicentrarchus labrax L.) using deuterated water. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2011, 160, 341-347.	0.8	30
97	Proteomic Analysis of an Interactome for Long-Form AMPA Receptor Subunits. Journal of Proteome Research, 2010, 9, 1670-1682.	1.8	20
98	Peptide fractionation in proteomics approaches. Expert Review of Proteomics, 2010, 7, 655-663.	1.3	55
99	Comparative analysis of OFFGel, strong cation exchange with pH gradient, and RP at high pH for firstâ€dimensional separation of peptides from a membraneâ€enriched protein fraction. Proteomics, 2009, 9, 5194-5198.	1.3	63
100	BDNF-Induced Changes in the Expression of the Translation Machinery in Hippocampal Neurons: Protein Levels and Dendritic mRNA. Journal of Proteome Research, 2009, 8, 4536-4552.	1.8	54
101	Critical roles for a genetic code alteration in the evolution of the genus Candida. EMBO Journal, 2007, 26, 4555-4565.	3.5	43
102	Sample sonication after trichloroacetic acid precipitation increases protein recovery from cultured hippocampal neurons, and improves resolution and reproducibility in two-dimensional gel electrophoresis. Electrophoresis, 2006, 27, 1825-1831.	1.3	35
103	Neuroprotection by BDNF against glutamate-induced apoptotic cell death is mediated by ERK and PI3-kinase pathways. Cell Death and Differentiation, 2005, 12, 1329-1343.	5.0	501
104	Intracellular signaling mechanisms in photodynamic therapy. Biochimica Et Biophysica Acta: Reviews on Cancer, 2004, 1704, 59-86.	3.3	184
105	Neuroproteomics â€" LC-MS Quantitative Approaches. , 0, , .		4
106	Bone Marrow Mesenchymal Stem Cells' Secretome Exerts Neuroprotective Effects in a Parkinson's Disease Rat Model. SSRN Electronic Journal, 0, , .	0.4	0