

Sandra Isabel Anjo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8224933/publications.pdf>

Version: 2024-02-01

51
papers

1,651
citations

393982

19
h-index

301761

39
g-index

57
all docs

57
docs citations

57
times ranked

2847
citing authors

#	ARTICLE	IF	CITATIONS
1	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. <i>Stem Cells and Development</i> , 2016, 25, 1073-1083.	1.1	175
2	Impact of the Secretome of Human Mesenchymal Stem Cells on Brain Structure and Animal Behavior in a Rat Model of Parkinson's Disease. <i>Stem Cells Translational Medicine</i> , 2017, 6, 634-646.	1.6	152
3	SWATH-MS as a tool for biomarker discovery: From basic research to clinical applications. <i>Proteomics</i> , 2017, 17, 1600278.	1.3	139
4	Gap junctional protein Cx43 is involved in the communication between extracellular vesicles and mammalian cells. <i>Scientific Reports</i> , 2015, 5, 13243.	1.6	135
5	Modulation of the Mesenchymal Stem Cell Secretome Using Computer-Controlled Bioreactors: Impact on Neuronal Cell Proliferation, Survival and Differentiation. <i>Scientific Reports</i> , 2016, 6, 27791.	1.6	98
6	Short GeLC-SWATH: A fast and reliable quantitative approach for proteomic screenings. <i>Proteomics</i> , 2015, 15, 757-762.	1.3	79
7	Bone Marrow Mesenchymal Stem Cells' Secretome Exerts Neuroprotective Effects in a Parkinson's Disease Rat Model. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 294.	2.0	70
8	Inhibition of Mitochondrial Complex III Blocks Neuronal Differentiation and Maintains Embryonic Stem Cell Pluripotency. <i>PLoS ONE</i> , 2013, 8, e82095.	1.1	67
9	Do hypoxia/normoxia culturing conditions change the neuroregulatory profile of Wharton Jelly mesenchymal stem cell secretome?. <i>Stem Cell Research and Therapy</i> , 2015, 6, 133.	2.4	67
10	Mesenchymal Stem Cell Secretome: A Potential Tool for the Prevention of Muscle Degenerative Changes Associated With Chronic Rotator Cuff Tears. <i>American Journal of Sports Medicine</i> , 2017, 45, 179-188.	1.9	63
11	Secretome of Undifferentiated Neural Progenitor Cells Induces Histological and Motor Improvements in a Rat Model of Parkinson's Disease. <i>Stem Cells Translational Medicine</i> , 2018, 7, 829-838.	1.6	56
12	Interacting Network of the Gap Junction (GJ) Protein Connexin43 (Cx43) is Modulated by Ischemia and Reperfusion in the Heart*. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 3040-3055.	2.5	55
13	Co-Transplantation of Adipose Tissue-Derived Stromal Cells and Olfactory Ensheathing Cells for Spinal Cord Injury Repair. <i>Stem Cells</i> , 2018, 36, 696-708.	1.4	48
14	Protein precipitation of diluted samples in SDS-containing buffer with acetone leads to higher protein recovery and reproducibility in comparison with TCA/acetone approach. <i>Proteomics</i> , 2016, 16, 1847-1851.	1.3	42
15	Crosstalk between glial and glioblastoma cells triggers the "pro-or-growth" phenotype of tumor cells. <i>Cell Communication and Signaling</i> , 2017, 15, 37.	2.7	35
16	Impact of mesenchymal stem cells' secretome on glioblastoma pathophysiology. <i>Journal of Translational Medicine</i> , 2017, 15, 200.	1.8	33
17	Modulation of signaling pathways by DJ-1: An updated overview. <i>Redox Biology</i> , 2022, 51, 102283.	3.9	26
18	<i>Bursaphelenchus xylophilus</i> and <i>B. mucronatus</i> secretomes: a comparative proteomic analysis. <i>Scientific Reports</i> , 2016, 6, 39007.	1.6	25

#	ARTICLE	IF	CITATIONS
19	Mitochondrial and Redox Modifications in Huntington Disease Induced Pluripotent Stem Cells Rescued by CRISPR/Cas9 CAGs Targeting. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 576592.	1.8	24
20	Influence of passage number on the impact of the secretome of adipose tissue stem cells on neural survival, neurodifferentiation and axonal growth. <i>Biochimie</i> , 2018, 155, 119-128.	1.3	20
21	Hypoxia and Hypoxia-Inducible Factor-1 α Regulate Endoplasmic Reticulum Stress in Nucleus Pulposus Cells. <i>American Journal of Pathology</i> , 2021, 191, 487-502.	1.9	20
22	Advances in biomarker detection: Alternative approaches for blood-based biomarker detection. <i>Advances in Clinical Chemistry</i> , 2019, 92, 141-199.	1.8	19
23	Unraveling Mesenchymal Stem Cells' Dynamic Secretome Through Nontargeted Proteomics Profiling. <i>Methods in Molecular Biology</i> , 2016, 1416, 521-549.	0.4	18
24	Use of recombinant proteins as a simple and robust normalization method for untargeted proteomics screening: exhaustive performance assessment. <i>Talanta</i> , 2019, 205, 120163.	2.9	17
25	oxSWATH: An integrative method for a comprehensive redox-centered analysis combined with a generic differential proteomics screening. <i>Redox Biology</i> , 2019, 22, 101130.	3.9	15
26	Comparative proteomic analysis of saliva from dogs with and without obesity-related metabolic dysfunction. <i>Journal of Proteomics</i> , 2019, 201, 65-72.	1.2	14
27	A translational view of cells' secretome analysis - from untargeted proteomics to potential circulating biomarkers. <i>Biochimie</i> , 2018, 155, 37-49.	1.3	13
28	A reference library of peripheral blood mononuclear cells for SWATH-MS analysis. <i>Proteomics - Clinical Applications</i> , 2016, 10, 760-764.	0.8	11
29	A proteomic and ultrastructural characterization of <i>Aspergillus fumigatus</i> ' conidia adaptation at different culture ages. <i>Journal of Proteomics</i> , 2017, 161, 47-56.	1.2	10
30	FA-SAT ncRNA interacts with PKM2 protein: depletion of this complex induces a switch from cell proliferation to apoptosis. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 1371-1386.	2.4	10
31	Proteomic Analyses Reveal New Insights on the Antimicrobial Mechanisms of Chitosan Biopolymers and Their Nanosized Particles against <i>Escherichia coli</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 225.	1.8	10
32	Proteomics-based Predictive Model for the Early Detection of Metastasis and Recurrence in Head and Neck Cancer. <i>Cancer Genomics and Proteomics</i> , 2020, 17, 259-269.	1.0	10
33	Cofilin-1 Is a Mechanosensitive Regulator of Transcription. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 678.	1.8	8
34	Comparative Analysis of <i>Bursaphelenchus xylophilus</i> Secretome Under <i>Pinus pinaster</i> and <i>P. pinea</i> Stimuli. <i>Frontiers in Plant Science</i> , 2021, 12, 668064.	1.7	8
35	Neuroproteomics Using Short GeLC-SWATH: From the Evaluation of Proteome Changes to the Clarification of Protein Function. <i>Neuromethods</i> , 2017, , 107-138.	0.2	7
36	Virulence Biomarkers of <i>Bursaphelenchus xylophilus</i> : A Proteomic Approach. <i>Frontiers in Plant Science</i> , 2021, 12, 822289.	1.7	7

#	ARTICLE	IF	CITATIONS
37	Neuroproteomics – LC-MS Quantitative Approaches. , 0, , .		4
38	A different vision of translational research in biomarker discovery: a pilot study on circulatory mitochondrial proteins as Parkinson’s disease potential biomarkers. Translational Neurodegeneration, 2020, 9, 11.	3.6	4
39	Chronic pain susceptibility is associated with anhedonic behavior and alterations in the accumbal ubiquitin-proteasome system. Pain, 2021, 162, 1722-1731.	2.0	4
40	Endogenous Fluorescent Proteins in the Mucus of an Intertidal Polychaeta: Clues for Biotechnology. Marine Drugs, 2022, 20, 224.	2.2	4
41	Changes in the salivary proteome of beagle dogs after weight loss. Domestic Animal Endocrinology, 2020, 72, 106474.	0.8	2
42	Mesenchymal Stem Cell Secretome: A Potential Tool for the Prevention of Muscle Degenerative Changes Associated with Chronic Rotator Cuff Tears. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2017, 33, e57.	1.3	1
43	Targeted Approach for Proteomic Analysis of a Hidden Membrane Protein. Methods in Molecular Biology, 2017, 1619, 151-172.	0.4	1
44	Elucidation of the dynamic nature of interactome networks: A practical tutorial. Journal of Proteomics, 2018, 171, 116-126.	1.2	1
45	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
46	P.3.c.006 Study of the protein expression levels in the pre-frontal cortex of mice subjected to haloperidol chronic exposure. European Neuropsychopharmacology, 2015, 25, S481-S482.	0.3	0
47	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
48	oxSWATH applied to the study of the alteration of intracellular and extracellular proteome of cells in response to oxidative stress. Free Radical Biology and Medicine, 2021, 165, 26.	1.3	0
49	Analysis of the quantitative proteomic signature in PBMCs of first-episode psychosis patients. Frontiers in Cellular Neuroscience, 0, 13, .	1.8	0
50	Bone Marrow Mesenchymal Stem Cells' Secretome Exerts Neuroprotective Effects in a Parkinson's Disease Rat Model. SSRN Electronic Journal, 0, , .	0.4	0
51	PBMCs as a potential source of biomarkers in neurodegenerative diseases – preliminary study. Frontiers in Cellular Neuroscience, 0, 13, .	1.8	0