

# Jes s Mateos Mart n

## List of Publications by Year in descending order

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Version: 2024-02-01

52  
papers

1,660  
citations

257450

24  
h-index

289244

40  
g-index

53  
all docs

53  
docs citations

53  
times ranked

2662  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial Dysregulation of Osteoarthritic Human Articular Chondrocytes Analyzed by Proteomics. <i>Molecular and Cellular Proteomics</i> , 2009, 8, 172-189.	3.8	177
2	Differential protein profiling of synovial fluid from rheumatoid arthritis and osteoarthritis patients using LC-MALDI TOF/TOF. <i>Journal of Proteomics</i> , 2012, 75, 2869-2878.	2.4	106
3	Molecular Mechanisms Involved in the Response to Desiccation Stress and Persistence in <i>Acinetobacter baumannii</i> . <i>Journal of Proteome Research</i> , 2014, 13, 460-476.	3.7	90
4	Identification of a Panel of Novel Serum Osteoarthritis Biomarkers. <i>Journal of Proteome Research</i> , 2011, 10, 5095-5101.	3.7	86
5	The FhaB/FhaC two-partner secretion system is involved in adhesion of <i>Acinetobacter baumannii</i> AbH12O-A2 strain. <i>Virulence</i> , 2017, 8, 959-974.	4.4	72
6	Effect of age on pro-inflammatory miRNAs contained in mesenchymal stem cell-derived extracellular vesicles. <i>Scientific Reports</i> , 2017, 7, 43923.	3.3	69
7	Quantitative Proteomic Profiling of Human Articular Cartilage Degradation in Osteoarthritis. <i>Journal of Proteome Research</i> , 2014, 13, 6096-6106.	3.7	66
8	Influence of age on rat bone-marrow mesenchymal stem cells potential. <i>Scientific Reports</i> , 2015, 5, 16765.	3.3	59
9	Pharmacoproteomic study of the effects of chondroitin and glucosamine sulfate on human articular chondrocytes. <i>Arthritis Research and Therapy</i> , 2010, 12, R138.	3.5	52
10	Lamin A deregulation in human mesenchymal stem cells promotes an impairment in their chondrogenic potential and imbalance in their response to oxidative stress. <i>Stem Cell Research</i> , 2013, 11, 1137-1148.	0.7	50
11	Extracellular Proteome of a Highly Invasive Multidrug-resistant Clinical Strain of <i>Acinetobacter baumannii</i> . <i>Journal of Proteome Research</i> , 2012, 11, 5678-5694.	3.7	48
12	Analysis of the Chondrogenic Potential and Secretome of Mesenchymal Stem Cells Derived from Human Umbilical Cord Stroma. <i>Stem Cells and Development</i> , 2011, 20, 1199-1212.	2.1	47
13	Secretome analysis of chondroitin sulfate-treated chondrocytes reveals anti-angiogenic, anti-inflammatory and anti-catabolic properties. <i>Arthritis Research and Therapy</i> , 2012, 14, R202.	3.5	44
14	Quantitative proteomic analysis of host-pathogen interactions: a study of <i>Acinetobacter baumannii</i> responses to host airways. <i>BMC Genomics</i> , 2015, 16, 422.	2.8	42
15	Metabolic Labeling of Chondrocytes for the Quantitative Analysis of the Interleukin-1-beta-mediated Modulation of Their Intracellular and Extracellular Proteomes. <i>Journal of Proteome Research</i> , 2011, 10, 3701-3711.	3.7	40
16	Proteome profiling of L3 and L4 <i>Anisakis simplex</i> development stages by TMT-based quantitative proteomics. <i>Journal of Proteomics</i> , 2019, 201, 1-11.	2.4	38
17	Proteomic Analysis of Connexin 43 Reveals Novel Interactors Related to Osteoarthritis. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 1831-1845.	3.8	35
18	Pharmacoproteomic Study of Three Different Chondroitin Sulfate Compounds on Intracellular and Extracellular Human Chondrocyte Proteomes. <i>Molecular and Cellular Proteomics</i> , 2012, 11, M111.013417.	3.8	34

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19	Metabolic Labeling of Human Bone Marrow Mesenchymal Stem Cells for the Quantitative Analysis of their Chondrogenic Differentiation. <i>Journal of Proteome Research</i> , 2012, 11, 5350-5361.	3.7	30
20	A pharmacoproteomic study confirms the synergistic effect of chondroitin sulfate and glucosamine. <i>Scientific Reports</i> , 2014, 4, 5069.	3.3	30
21	Serum proteomics of active tuberculosis patients and contacts reveals unique processes activated during <i>Mycobacterium tuberculosis</i> infection. <i>Scientific Reports</i> , 2020, 10, 3844.	3.3	29
22	iTRAQ-based analysis of progerin expression reveals mitochondrial dysfunction, reactive oxygen species accumulation and altered proteostasis. <i>Stem Cell Research and Therapy</i> , 2015, 6, 119.	5.5	28
23	CD105+-mesenchymal stem cells migrate into osteoarthritis joint: An animal model. <i>PLoS ONE</i> , 2017, 12, e0188072.	2.5	28
24	Proteome Analysis During Chondrocyte Differentiation in a New Chondrogenesis Model Using Human Umbilical Cord Stroma Mesenchymal Stem Cells. <i>Molecular and Cellular Proteomics</i> , 2012, 11, M111.010496.	3.8	26
25	Secretome analysis of human articular chondrocytes unravels catabolic effects of nicotine on the joint. <i>Proteomics - Clinical Applications</i> , 2016, 10, 671-680.	1.6	26
26	Molecular characterization of B-cell epitopes for the major fish allergen, parvalbumin, by shotgun proteomics, protein-based bioinformatics and IgE-reactive approaches. <i>Journal of Proteomics</i> , 2019, 200, 123-133.	2.4	26
27	The Coevolution of Insect Muscle TpnT and TpnI Gene Isoforms. <i>Molecular Biology and Evolution</i> , 2005, 22, 2231-2242.	8.9	25
28	Multicentric study of the effect of pre-analytical variables in the quality of plasma samples stored in biobanks using different complementary proteomic methods. <i>Journal of Proteomics</i> , 2017, 150, 109-120.	2.4	25
29	Diversification and Independent Evolution of Troponin C Genes in Insects. <i>Journal of Molecular Evolution</i> , 2005, 60, 31-44.	1.8	23
30	Hypoxia Conditions Differentially Modulate Human Normal and Osteoarthritic Chondrocyte Proteomes. <i>Journal of Proteome Research</i> , 2010, 9, 3035-3045.	3.7	22
31	The structural role of high molecular weight tropomyosins in dipteran indirect flight muscle and the effect of phosphorylation. <i>Journal of Muscle Research and Cell Motility</i> , 2006, 27, 189-201.	2.0	21
32	High-resolution quantitative proteomics applied to the study of the specific protein signature in the sputum and saliva of active tuberculosis patients and their infected and uninfected contacts. <i>Journal of Proteomics</i> , 2019, 195, 41-52.	2.4	20
33	Strategies to optimize two-dimensional gel electrophoresis analysis of the human joint proteome. <i>Talanta</i> , 2010, 80, 1552-1560.	5.5	18
34	Next-Generation Sequencing and Quantitative Proteomics of Hutchinson-Gilford progeria syndrome-derived cells point to a role of nucleotide metabolism in premature aging. <i>PLoS ONE</i> , 2018, 13, e0205878.	2.5	16
35	Comparative Proteomics Analysis of <i>Anisakis simplex</i> s.s. "Evaluation of the Response of Invasive Larvae to Ivermectin. <i>Genes</i> , 2020, 11, 710.	2.4	15
36	Proteomic analysis and biochemical alterations in marine mussel gills after exposure to the organophosphate flame retardant TDCPP. <i>Aquatic Toxicology</i> , 2021, 230, 105688.	4.0	15

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37	Dimethylarginine dimethylaminohydrolase 2, a newly identified mitochondrial protein modulating nitric oxide synthesis in normal human chondrocytes. <i>Arthritis and Rheumatism</i> , 2012, 64, 204-212.	6.7	12
38	Predictive modeling of therapeutic response to chondroitin sulfate/glucosamine hydrochloride in knee osteoarthritis. <i>Therapeutic Advances in Chronic Disease</i> , 2019, 10, 204062231987001.	2.5	11
39	3, 3-iodo-L-thyronine Increases In Vitro Chondrogenesis of Mesenchymal Stem Cells From Human Umbilical Cord Stroma Through SRC2. <i>Journal of Cellular Biochemistry</i> , 2016, 117, 2097-2108.	2.6	9
40	Proteomic Applications in the Study of Human Mesenchymal Stem Cells. <i>Proteomes</i> , 2014, 2, 53-71.	3.5	7
41	LC-MALDI-TOF/TOF for Shotgun Proteomics. <i>Methods in Molecular Biology</i> , 2014, 1156, 27-38.	0.9	7
42	The role of gravity in the evolutionary emergence of multicellular complexity: Microgravity effects on arthropod development and aging. <i>Advances in Space Research</i> , 1999, 23, 2075-2082.	2.6	5
43	Cryoconservation of Peptide Extracts from Trypsin Digestion of Proteins for Proteomic Analysis in a Hospital Biobank Facility. <i>Journal of Proteome Research</i> , 2014, 13, 1930-1937.	3.7	5
44	Mesenchymal Stem Cell-Derived Extracellular Isolation and Their Protein Cargo Characterization. <i>Methods in Molecular Biology</i> , 2021, 2259, 3-12.	0.9	5
45	<i>Drosophila melanogaster</i> and the Future of "Evo-Devo"™ Biology in Space. Challenges and Problems in the Path of an Eventual Colonization Project Outside the Earth. <i>Advances in Space Biology and Medicine</i> , 2003, 9, 41-81.	0.5	4
46	Shotgun for L3 and L4 Development Stages. <i>Methods in Molecular Biology</i> , 2021, 2259, 59-75.	0.9	3
47	A Complex Proteomic Response of the Parasitic Nematode <i>Anisakis simplex</i> s.s. to <i>Escherichia coli</i> Lipopolysaccharide. <i>Molecular and Cellular Proteomics</i> , 2021, 20, 100166.	3.8	3
48	Identification of autoantibodies in serum from osteoarthritis patients using microarrays. <i>Osteoarthritis and Cartilage</i> , 2014, 22, S425.	1.3	2
49	The Spanish biology/disease initiative within the human proteome project: Application to rheumatic diseases. <i>Journal of Proteomics</i> , 2015, 127, 406-413.	2.4	2
50	Tandem Mass Tagging (TMT) Reveals Tissue-Specific Proteome of L4 Larvae of <i>Anisakis simplex</i> s. s.: Enzymes of Energy and/or Carbohydrate Metabolism as Potential Drug Targets in Anisakiasis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4336.	4.1	2
51	Data Treatment in Food Proteomics. , 2021, , 324-338.		1
52	Identification of an acetyl esterase in the supernatant of the environmental strain <i>Bacillus</i> sp. HR21-6. <i>Biochimie</i> , 2022, 198, 48-59.	2.6	0