

# MarÃ-a GÃ³mez-Serrano

## List of Publications by Year in descending order

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25  
papers

709  
citations

567144

15  
h-index

580701

25  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1475  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced fatty acid oxidation in adipocytes and macrophages reduces lipid-induced triglyceride accumulation and inflammation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015, 308, E756-E769.	1.8	143
2	Proteome-wide alterations on adipose tissue from obese patients as age-, diabetes- and gender-specific hallmarks. <i>Scientific Reports</i> , 2016, 6, 25756.	1.6	61
3	The immunomodulatory activity of extracellular vesicles derived from endometrial mesenchymal stem cells on CD4+ T cells is partially mediated by TGFbeta. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, 2088-2098.	1.3	58
4	Murine embryos exposed to human endometrial MSCs-derived extracellular vesicles exhibit higher VEGF/PDGF AA release, increased blastomere count and hatching rates. <i>PLoS ONE</i> , 2018, 13, e0196080.	1.1	49
5	Extracellular vesicles derived from endometrial human mesenchymal stem cells enhance embryo yield and quality in an aged murine model. <i>Biology of Reproduction</i> , 2019, 100, 1180-1192.	1.2	44
6	Differential proteomic and oxidative profiles unveil dysfunctional protein import to adipocyte mitochondria in obesity-associated aging and diabetes. <i>Redox Biology</i> , 2017, 11, 415-428.	3.9	40
7	APOA1 oxidation is associated to dysfunctional high-density lipoproteins in human abdominal aortic aneurysm. <i>EBioMedicine</i> , 2019, 43, 43-53.	2.7	40
8	Unraveling the Molecular Signature of Extracellular Vesicles From Endometrial-Derived Mesenchymal Stem Cells: Potential Modulatory Effects and Therapeutic Applications. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 431.	2.0	38
9	Uncovering Suitable Reference Proteins for Expression Studies in Human Adipose Tissue with Relevance to Obesity. <i>PLoS ONE</i> , 2012, 7, e30326.	1.1	25
10	ITCH Deficiency Protects From Diet-Induced Obesity. <i>Diabetes</i> , 2014, 63, 550-561.	0.3	24
11	N-Acetylcysteine affects obesity-related protein expression in 3T3-L1 adipocytes. <i>Redox Report</i> , 2013, 18, 210-218.	1.4	23
12	Phosphoproteomics identify arachidonic-acid-regulated signal transduction pathways modulating macrophage functions with implications for ovarian cancer. <i>Theranostics</i> , 2021, 11, 1377-1395.	4.6	22
13	Mitoproteomics: Tackling Mitochondrial Dysfunction in Human Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-26.	1.9	19
14	Breast Cancer 1 (BrCa1) May Be behind Decreased Lipogenesis in Adipose Tissue from Obese Subjects. <i>PLoS ONE</i> , 2012, 7, e33233.	1.1	18
15	The MRC1/CD68 Ratio Is Positively Associated with Adipose Tissue Lipogenesis and with Muscle Mitochondrial Gene Expression in Humans. <i>PLoS ONE</i> , 2013, 8, e70810.	1.1	17
16	Interplay between post-translational cyclooxygenase-2 modifications and the metabolic and proteomic profile in a colorectal cancer cohort. <i>World Journal of Gastroenterology</i> , 2019, 25, 433-446.	1.4	16
17	Improved integrative analysis of the thiol redox proteome using filter-aided sample preparation. <i>Journal of Proteomics</i> , 2020, 214, 103624.	1.2	14
18	IFN-Gamma and TNF-Alpha as a Priming Strategy to Enhance the Immunomodulatory Capacity of Secretomes from Menstrual Blood-Derived Stromal Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12177.	1.8	13

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19	Parathyroid Hormone-Related Protein, Human Adipose-Derived Stem Cells Adipogenic Capacity and Healthy Obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, E826-E835.	1.8	11
20	The Immunomodulatory Signature of Extracellular Vesicles From Cardiosphere-Derived Cells: A Proteomic and miRNA Profiling. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 321.	1.8	11
21	Cytoskeletal transgelin 2 contributes to gender-dependent adipose tissue expandability and immune function. <i>FASEB Journal</i> , 2019, 33, 9656-9671.	0.2	6
22	Beyond the Extracellular Vesicles: Technical Hurdles, Achieved Goals and Current Challenges When Working on Adipose Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3362.	1.8	6
23	Transducin-like enhancer of split 3 (TLE3) in adipose tissue is increased in situations characterized by decreased PPAR $\gamma$ gene expression. <i>Journal of Molecular Medicine</i> , 2015, 93, 83-92.	1.7	5
24	N-acetylcysteine inhibits kinase phosphorylation during 3T3-L1 adipocyte differentiation. <i>Redox Report</i> , 2017, 22, 265-271.	1.4	5
25	The more the better – determining the optimal range when performing single-vesicle phenotyping. <i>Trillium Extracellular Vesicles</i> , 2021, 1, 26-33.	0.1	1