

# Juana M. Sanz

## List of Publications by Year in descending order

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49  
papers

2,922  
citations

236925

25  
h-index

223800

46  
g-index

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49  
docs citations

49  
times ranked

3599  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological Response of Irisin Induced by Different Types of Exercise in Obese Subjects: A Non-Inferiority Controlled Randomized Study. <i>Biology</i> , 2022, 11, 392.	2.8	4
2	Dietary Acid Load but Not Mediterranean Diet Adherence Score Is Associated With Metabolic and Cardiovascular Health State: A Population Observational Study From Northern Italy. <i>Frontiers in Nutrition</i> , 2022, 9, 828587.	3.7	14
3	Irisin Attenuates Muscle Impairment during Bed Rest through Muscle-Adipose Tissue Crosstalk. <i>Biology</i> , 2022, 11, 999.	2.8	1
4	SARS-CoV-2 nucleocapsid protein and ultrastructural modifications in small bowel of a 4-week-negative COVID-19 patient. <i>Clinical Microbiology and Infection</i> , 2021, 27, 936-937.	6.0	20
5	Effectiveness of high-intensity interval training for weight loss in adults with obesity: a randomised controlled non-inferiority trial. <i>BMJ Open Sport and Exercise Medicine</i> , 2021, 7, e001021.	2.9	15
6	Serum Apo J as a potential marker of conversion from mild cognitive impairment to dementia. <i>Journal of the Neurological Sciences</i> , 2021, 427, 117537.	0.6	4
7	Relevance of VEGF and CD147 in different SARS-CoV-2 positive digestive tracts characterized by thrombotic damage. <i>FASEB Journal</i> , 2021, 35, e21969.	0.5	15
8	Serum beta-secretase 1 (BACE1) activity as candidate biomarker for late-onset Alzheimer's disease. <i>GeroScience</i> , 2020, 42, 159-167.	4.6	31
9	Sex Difference Impacts on the Relationship between Paraoxonase-1 (PON1) and Type 2 Diabetes. <i>Antioxidants</i> , 2020, 9, 683.	5.1	6
10	Effects of 3-month high-intensity interval training vs. moderate endurance training and 4-month follow-up on fat metabolism, cardiorespiratory function and mitochondrial respiration in obese adults. <i>European Journal of Applied Physiology</i> , 2020, 120, 1787-1803.	2.5	17
11	Association of Hypomorphic P2X7 Receptor Genotype With Age. <i>Frontiers in Molecular Neuroscience</i> , 2020, 13, 8.	2.9	4
12	Crosstalk Between Adipokines and Paraoxonase 1: A New Potential Axis Linking Oxidative Stress and Inflammation. <i>Antioxidants</i> , 2019, 8, 287.	5.1	19
13	The P2X7 Receptor Is Shed Into Circulation: Correlation With C-Reactive Protein Levels. <i>Frontiers in Immunology</i> , 2019, 10, 793.	4.8	26
14	Paraoxonase-1 activities in individuals with different HDL circulating levels: Implication in reverse cholesterol transport and early vascular damage. <i>Atherosclerosis</i> , 2019, 285, 64-70.	0.8	27
15	Amyloid $\beta$ -dependent mitochondrial toxicity in mouse microglia requires P2X7 receptor expression and is prevented by nimodipine. <i>Scientific Reports</i> , 2019, 9, 6475.	3.3	45
16	Paraoxonase, arylesterase and lactonase activities of paraoxonase-1 (PON1) in obese and severely obese women. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2018, 78, 18-24.	1.2	25
17	Distribution of Paraoxonase-1 (PON-1) and Lipoprotein Phospholipase A2 (Lp-PLA2) across Lipoprotein Subclasses in Subjects with Type 2 Diabetes. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-10.	4.0	17
18	Testing a Combination of Markers of Systemic Redox Status as a Possible Tool for the Diagnosis of Late Onset Alzheimer's Disease. <i>Disease Markers</i> , 2018, 2018, 1-9.	1.3	8

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19	Adipokines levels in HIV infected patients: lipocalin-2 and fatty acid binding protein-4 as possible markers of HIV and antiretroviral therapy-related adipose tissue inflammation. BMC Infectious Diseases, 2018, 18, 10.	2.9	8
20	Gene expression regional differences in human subcutaneous adipose tissue. BMC Genomics, 2017, 18, 202.	2.8	46
21	Gene expression profiling of gluteal adipose tissue after prolonged bedrest. Atherosclerosis, 2017, 263, e248-e249.	0.8	0
22	Gene expression regional differences in human subcutaneous adipose tissue. Atherosclerosis, 2017, 263, e249.	0.8	0
23	Effect of 14 days of experimental horizontal bed rest on circulating levels of irisin. Atherosclerosis, 2017, 263, e249.	0.8	0
24	Dietary composition may influence Nesfatin-1 plasma concentration in humans. Atherosclerosis, 2017, 263, e166.	0.8	1
25	Computerized cognitive training and brain derived neurotrophic factor during bed rest: mechanisms to protect individual during acute stress. Aging, 2017, 9, 393-407.	3.1	11
26	Age-related differences in plasma BDNF levels after prolonged bed rest. Journal of Applied Physiology, 2016, 120, 1118-1123.	2.5	17
27	Oxidative Challenge in Alzheimer's Disease: State of Knowledge and Future Needs. Journal of Investigative Medicine, 2016, 64, 21-32.	1.6	60
28	The P2X7 receptor directly interacts with the NLRP3 inflammasome scaffold protein. FASEB Journal, 2015, 29, 2450-2461.	0.5	169
29	PON-1 and ferroxidase activities in older patients with mild cognitive impairment, late onset Alzheimer's disease or vascular dementia. Clinical Chemistry and Laboratory Medicine, 2015, 53, 1049-56.	2.3	28
30	Diagnostic and prognostic microRNAs in the serum of breast cancer patients measured by droplet digital PCR. Biomarker Research, 2015, 3, 12.	6.8	80
31	Brain-Derived Neurotrophic Factor Plasma Levels: Relationship With Dementia and Diabetes in the Elderly Population. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2015, 70, 294-302.	3.6	58
32	Possible protective role of the 489C>T P2X7R polymorphism in Alzheimer's disease. Experimental Gerontology, 2014, 60, 117-119.	2.8	40
33	Nimodipine inhibits IL-1 $\beta$ release stimulated by amyloid $\beta$ from microglia. British Journal of Pharmacology, 2012, 167, 1702-1711.	5.4	45
34	PPAR $\beta$ Pro12Ala and ACE ID polymorphisms are associated with BMI and fat distribution, but not metabolic syndrome. Cardiovascular Diabetology, 2011, 10, 112.	6.8	39
35	Activation of Microglia by Amyloid $\beta$ Requires P2X7 Receptor Expression. Journal of Immunology, 2009, 182, 4378-4385.	0.8	256
36	Extracellular ATP Causes ROCK I-dependent Bleb Formation in P2X7-transfected HEK293 Cells. Molecular Biology of the Cell, 2003, 14, 2655-2664.	2.1	124

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37	Adenosine A1 Receptors in Cultured Cerebellar Granule Cells: Role of Endogenous Adenosine. Journal of Neurochemistry, 2002, 67, 1469-1477.	3.9	17
38	Nucleotide receptors: an emerging family of regulatory molecules in blood cells. Blood, 2001, 97, 587-600.	1.4	645
39	Kinetics and Mechanism of ATP-Dependent IL-1 $\beta$ Release from Microglial Cells. Journal of Immunology, 2000, 164, 4893-4898.	0.8	258
40	ATP receptors and giant cell formation. Journal of Leukocyte Biology, 1999, 66, 723-726.	3.3	42
41	Chapter 29 The P2Z/P2X7 receptor of microglial cells: A novel immunomodulatory receptor. Progress in Brain Research, 1999, 120, 355-368.	1.4	69
42	Desensitization of adenosine A1 receptor-mediated inhibition of adenylyl cyclase in cerebellar granule cells. Neurochemical Research, 1998, 23, 211-218.	3.3	32
43	Cytolytic P2X purinoceptors. Cell Death and Differentiation, 1998, 5, 191-199.	11.2	243
44	Tenidap enhances P2Z/P2X7 receptor signalling in macrophages. European Journal of Pharmacology, 1998, 355, 235-244.	3.5	31
45	Purinergic P2X7 receptor: A pivotal role in inflammation and immunomodulation. Drug Development Research, 1998, 45, 207-213.	2.9	39
46	Spontaneous Cell Fusion in Macrophage Cultures Expressing High Levels of the P2Z/P2X7 Receptor. Journal of Cell Biology, 1997, 138, 697-706.	5.2	160
47	Desensitization and internalization of adenosine A1 receptors in rat brain by in vivo treatment with R-PIA: involvement of coated vesicles. Biochimica Et Biophysica Acta - Molecular Cell Research, 1996, 1310, 168-174.	4.1	48
48	Purinoceptor function in the immune system. Drug Development Research, 1996, 39, 319-329.	2.9	43
49	Characterization of metabotropic glutamate receptors coupled to a pertussis toxin sensitive G-protein in bovine brain coated vesicles. FEBS Letters, 1993, 316, 191-196.	2.8	15