

# JosÃ© MartÃ­n-Nieto

## List of Publications by Year in descending order

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53  
papers

2,199  
citations

257101  
24  
h-index

223531  
46  
g-index

53  
all docs

53  
docs citations

53  
times ranked

2930  
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxidative Stress Triggers STAT3 Tyrosine Phosphorylation and Nuclear Translocation in Human Lymphocytes. <i>Journal of Biological Chemistry</i> , 1999, 274, 17580-17586.	1.6	235
2	Oxidative stress is a critical mediator of the angiotensin II signal in human neutrophils: involvement of mitogen-activated protein kinase, calcineurin, and the transcription factor NF- $\kappa$ B. <i>Blood</i> , 2003, 102, 662-671.	0.6	155
3	The Human Epidermal Growth Factor Receptor Contains a Juxtamembrane Calmodulin-Binding Site. <i>Biochemistry</i> , 1998, 37, 227-236.	1.2	106
4	Sequencing and functional analysis of the genome of a nematode egg-parasitic fungus, <i>Pochonia chlamydosporia</i> . <i>Fungal Genetics and Biology</i> , 2014, 65, 69-80.	0.9	105
5	15-Deoxy- $\Delta^{12,14}$ -prostaglandin J2 Induces Heme Oxygenase-1 Gene Expression in a Reactive Oxygen Species-dependent Manner in Human Lymphocytes. <i>Journal of Biological Chemistry</i> , 2004, 279, 21929-21937.	1.6	100
6	General distribution of the nitrogen control gene <i>ntcA</i> in cyanobacteria. <i>Journal of Bacteriology</i> , 1993, 175, 5710-5713.	1.0	98
7	Characterization of Calcineurin in Human Neutrophils. <i>Journal of Biological Chemistry</i> , 1999, 274, 93-100.	1.6	94
8	The Ubiquitin-Proteasome System in Retinal Health and Disease. <i>Molecular Neurobiology</i> , 2013, 47, 790-810.	1.9	87
9	Nitric oxide reversibly inhibits the epidermal growth factor receptor tyrosine kinase. <i>Biochemical Journal</i> , 1997, 326, 369-376.	1.7	86
10	Tauroursodeoxycholic Acid Prevents Retinal Degeneration in Transgenic P23H Rats. , 2011, 52, 4998.		81
11	Endophytic colonization of barley ( <i>Hordeum vulgare</i> ) roots by the nematophagous fungus <i>Pochonia chlamydosporia</i> reveals plant growth promotion and a general defense and stress transcriptomic response. <i>Journal of Plant Research</i> , 2015, 128, 665-678.	1.2	73
12	Safranal, a Saffron Constituent, Attenuates Retinal Degeneration in P23H Rats. <i>PLoS ONE</i> , 2012, 7, e43074.	1.1	70
13	Homocysteine enhances superoxide anion release and NADPH oxidase assembly by human neutrophils. Effects on MAPK activation and neutrophil migration. <i>Atherosclerosis</i> , 2004, 172, 229-238.	0.4	66
14	Gradual morphogenesis of retinal neurons in the peripheral retinal margin of adult monkeys and humans. <i>Journal of Comparative Neurology</i> , 2008, 511, 557-580.	0.9	60
15	Expression of serine proteases in egg-parasitic nematophagous fungi during barley root colonization. <i>Fungal Genetics and Biology</i> , 2010, 47, 342-351.	0.9	60
16	Alpha synuclein gene expression profile in the retina of vertebrates. <i>Molecular Vision</i> , 2007, 13, 949-61.	1.1	57
17	Morphological impairments in retinal neurons of the scotopic visual pathway in a monkey model of Parkinson's disease. <i>Journal of Comparative Neurology</i> , 2005, 493, 261-273.	0.9	55
18	Rotenone induces degeneration of photoreceptors and impairs the dopaminergic system in the rat retina. <i>Neurobiology of Disease</i> , 2011, 44, 102-115.	2.1	47

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19	Expression in the mammalian retina of parkin and UCH-L1, two components of the ubiquitin-proteasome system. <i>Brain Research</i> , 2010, 1352, 70-82.	1.1	42
20	Two-hybrid analysis of domain interactions involving NtrB and NtrC two-component regulators. <i>Molecular Microbiology</i> , 2001, 40, 169-178.	1.2	31
21	Alterations in Energy Metabolism, Neuroprotection and Visual Signal Transduction in the Retina of Parkinsonian, MPTP-Treated Monkeys. <i>PLoS ONE</i> , 2013, 8, e74439.	1.1	30
22	Modulation of IgE-dependent COX-2 gene expression by reactive oxygen species in human neutrophils. <i>Journal of Leukocyte Biology</i> , 2006, 80, 152-163.	1.5	29
23	Control of Nitrogenase mRNA Levels by Products of Nitrate Assimilation in the Cyanobacterium <i>Anabaena</i> sp. Strain PCC 7120. <i>Plant Physiology</i> , 1991, 97, 825-828.	2.3	27
24	Oleic acid modulates mRNA expression of liver X receptor (LXR) and its target genes ABCA1 and SREBP1c in human neutrophils. <i>European Journal of Nutrition</i> , 2014, 53, 1707-1717.	1.8	27
25	Regulation of nitrate and nitrite reductases in dinitrogen-fixing cyanobacteria and <i>Nif?</i> mutants. <i>Archives of Microbiology</i> , 1989, 151, 475-478.	1.0	25
26	Expression of the transcription factor NFAT2 in human neutrophils: IgE-dependent, Ca <sup>2+</sup> - and calcineurin-mediated NFAT2 activation. <i>Journal of Cell Science</i> , 2007, 120, 2328-2337.	1.2	25
27	Gene cloning, molecular modeling, and phylogenetics of serine protease P32 and serine carboxypeptidase SCP1 from nematophagous fungi <i>Pochonia rubescens</i> and <i>Pochonia chlamydosporia</i> . <i>Canadian Journal of Microbiology</i> , 2012, 58, 815-827.	0.8	25
28	Heme oxygenase-1 expression is down-regulated by angiotensin II and under hypertension in human neutrophils. <i>Journal of Leukocyte Biology</i> , 2008, 84, 397-405.	1.5	23
29	Differential Effects of IGF-1R Small Molecule Tyrosine Kinase Inhibitors BMS-754807 and OSI-906 on Human Cancer Cell Lines. <i>Cancers</i> , 2020, 12, 3717.	1.7	21
30	Biphasic Kinetic Behavior of Nitrate Reductase from Heterocystous, Nitrogen-Fixing Cyanobacteria. <i>Plant Physiology</i> , 1992, 100, 157-163.	2.3	20
31	Regulatory Interaction between Calmodulin and the Epidermal Growth Factor Receptor. <i>Annals of the New York Academy of Sciences</i> , 1995, 766, 472-476.	1.8	18
32	A new role for monoamine oxidases in the modulation of macrophage-inducible nitric oxide synthase gene expression. <i>Journal of Leukocyte Biology</i> , 2004, 75, 1093-1101.	1.5	18
33	Rac2 GTPase activation by angiotensin II is modulated by Ca <sup>2+</sup> /calcineurin and mitogen-activated protein kinases in human neutrophils. <i>Journal of Molecular Endocrinology</i> , 2007, 39, 351-363.	1.1	18
34	Transcription of Liver X Receptor Is Down-Regulated by 15-Deoxy- $\Delta^{12,14}$ -Prostaglandin J <sub>2</sub> through Oxidative Stress in Human Neutrophils. <i>PLoS ONE</i> , 2012, 7, e42195.	1.1	18
35	Activation of phagocytic cell NADPH oxidase by norfloxacin: a potential mechanism to explain its bactericidal action. <i>Journal of Leukocyte Biology</i> , 2002, 71, 255-61.	1.5	16
36	The activating role of phospho-(Tyr)-calmodulin on the epidermal growth factor receptor. <i>Biochemical Journal</i> , 2015, 472, 195-204.	1.7	15

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37	Phosphorylation of Calmodulin by Permeabilized Fibroblasts Overexpressing the Human Epidermal Growth Factor Receptor. <i>Biological Chemistry</i> , 1997, 378, 31-7.	1.2	13
38	7-Keto-cholesterol and 25-hydroxy-1 cholesterol rapidly enhance ROS production in human neutrophils. <i>European Journal of Nutrition</i> , 2016, 55, 2485-2492.	4.6	13
39	Impairment of photoreceptor ribbon synapses in a novel Pomt1 conditional knockout mouse model of dystroglycanopathy. <i>Scientific Reports</i> , 2018, 8, 8543.	1.6	13
40	Expression pattern in retinal photoreceptors of POMGnT1, a protein involved in muscle-eye-brain disease. <i>Molecular Vision</i> , 2016, 22, 658-73.	1.1	11
41	Ehrlich ascites tumor cells produce a transforming growth factor-beta (TGFbeta)-like activity but lack receptors with TGFbeta-binding capacity. <i>Molecular and Cellular Biochemistry</i> , 1997, 170, 153-162.	1.4	10
42	Phenylarsine Oxide Increases Intracellular Calcium Mobility and Inhibits Ca <sup>2+</sup> -Dependent ATPase Activity in Thymocytes. <i>Molecular Genetics and Metabolism</i> , 1999, 68, 363-370.	0.5	10
43	Retinoic acid stimulates HIV-1 transcription in human neuroblastoma SH-SY5Y cells. <i>FEBS Letters</i> , 2000, 469, 118-122.	1.3	10
44	A role for DJ-1 against oxidative stress in the mammalian retina. <i>Neuroscience Letters</i> , 2019, 708, 134361.	1.0	10
45	The Epidermal Growth Factor Receptor and the Calcium Signal. , 2000, , 287-303.		9
46	â€œMultimodalâ€™ kinetics: Cyanobacterial nitrate reductase and other enzyme, transport and binding systems. <i>Physiologia Plantarum</i> , 1998, 104, 503-511.	2.6	7
47	Mutants of <i>Anabaena variabilis</i> requiring high levels of molybdate for nitrate reductase and nitrogenase activities. <i>FEMS Microbiology Letters</i> , 1990, 67, 1-4.	0.7	6
48	Platelet-activating factor downregulates the expression of liver Xâ€œreceptorâ€± and its target genes in human neutrophils. <i>FEBS Journal</i> , 2014, 281, 970-982.	2.2	6
49	Expression in retinal neurons of fukutin and FKR1P, the protein products of two dystroglycanopathy-causative genes. <i>Molecular Vision</i> , 2018, 24, 43-58.	1.1	6
50	Retinal Proteomics of a Mouse Model of Dystroglycanopathies Reveals Molecular Alterations in Photoreceptors. <i>Journal of Proteome Research</i> , 2021, 20, 3268-3277.	1.8	5
51	Platelet-activating factor and hydrogen peroxide exert a dual modulatory effect on the transcription of LXRâ€± and its target genes in human neutrophils. <i>International Immunopharmacology</i> , 2016, 38, 357-366.	1.7	4
52	Calcineurin expression and activity is regulated by the intracellular redox status and under hypertension in human neutrophils. <i>Journal of Endocrinology</i> , 2012, 214, 399-408.	1.2	3
53	Characterization of a new plasma membrane-associated ecto-5â€²-phosphodiesterase/nucleotide-pyrophosphatase from rat hepatocarcinoma AS-30D cells. <i>Journal of Physiology and Biochemistry</i> , 2001, 57, 31-40.	1.3	0