Jos M Snchez-Puelles

List of Publications by Year in Descending Order

35 papers	2,022 citations	22 h-index	35 g-index
35 ext. papers	2,149 ext. citations	5.6 avg, IF	3.88 L-index

#	Paper	IF	Citations
35	Multifunctional Albumin-Stabilized Gold Nanoclusters for the Reduction of Cancer Stem Cells. *Cancers*, **2019**, 11,	6.6	13
34	Frailty Is Associated With Lower Expression of Genes Involved in Cellular Response to Stress: Results From the Toledo Study for Healthy Aging. *Journal of the American Medical Directors Association*, **2017**, 18, 734.e1-734.e7	5.9	22
33	Auranofin efficacy against MDR Streptococcus pneumoniae and Staphylococcus aureus infections. *Journal of Antimicrobial Chemotherapy*, **2015**, 70, 2608-17	5.1	42
32	Simultaneous detection of two breast cancer-related miRNAs in tumor tissues using p19-based disposable amperometric magnetobiosensing platforms. *Biosensors and Bioelectronics*, **2015**, 66, 385-91	11.8	42
31	FM19G11 reverses endothelial dysfunction in rat and human arteries through stimulation of the PI3K/Akt/eNOS pathway, independently of mTOR/HIF-1 activation. *British Journal of Pharmacology*, **2015**, 172, 1277-91	8.6	17
30	Structure and Function of Prokaryotic UDP-Glucose Pyrophosphorylase, A Drug Target Candidate. *Current Medicinal Chemistry*, **2015**, 22, 1687-97	4.3	20
29	Direct Determination of miR-21 in Total RNA Extracted from Breast Cancer Samples Using Magnetosensing Platforms and the p19 Viral Protein as Detector Bioreceptor. *Electroanalysis*, **2014**, 26, 2080-2087	3	25
28	Magnetobiosensors based on viral protein p19 for microRNA determination in cancer cells and tissues. *Angewandte Chemie - International Edition*, **2014**, 53, 6168-71	16.4	104
27	Hypoxia-inducible factor 1 alpha contributes to cardiac healing in mesenchymal stem cells-mediated cardiac repair. *Stem Cells and Development*, **2013**, 22, 501-11	4.4	65
26	The biology of HIF proteins in cell differentiation and disease. *Vitamins and Hormones*, **2011**, 87, 367-79	2.5	5
25	FM19G11, a new hypoxia-inducible factor (HIF) modulator, affects stem cell differentiation status. *Journal of Biological Chemistry*, **2010**, 285, 1333-42	5.4	91
24	FM19G11: A new modulator of HIF that links mTOR activation with the DNA damage checkpoint pathways. *Cell Cycle*, **2010**, 9, 2875-2885	4.7	9
23	Activated spinal cord ependymal stem cells rescue neurological function. *Stem Cells*, **2009**, 27, 733-43	5.8	122
22	Hypoxia causes downregulation of mismatch repair system and genomic instability in stem cells. *Stem Cells*, **2008**, 26, 2052-62	5.8	70
21	Deciphering the biosynthesis pathway of the antitumor thiocoraline from a marine actinomycete and its expression in two streptomyces species. *ChemBioChem*, **2006**, 7, 366-76	3.8	146
20	Molecular characterization of the safracin biosynthetic pathway from Pseudomonas fluorescens A2-2: designing new cytotoxic compounds. *Molecular Microbiology*, **2005**, 56, 144-54	4.1	84
19	Establishment and characterisation of a human carcinoma cell line with acquired resistance to Aplidin. *British Journal of Cancer*, **2004**, 91, 1405-13	8.7	21

18	Discorhabdins I and L, cytotoxic alkaloids from the sponge Latrunculia brevis. *Journal of Natural Products*, **2004**, 67, 463-5	4.9	39
17	New cytotoxic cembranes from the sea pen Gyrophyllum sibogae. *Journal of Natural Products*, **2004** , 67, 1190-2	4.9	16
16	Aplidin induces apoptosis in human cancer cells via glutathione depletion and sustained activation of the epidermal growth factor receptor, Src, JNK, and p38 MAPK. *Journal of Biological Chemistry*, **2003**, 278, 241-50	5.4	124
15	Aplidin induces the mitochondrial apoptotic pathway via oxidative stress-mediated JNK and p38 activation and protein kinase C delta. *Oncogene*, **2002**, 21, 7533-44	9.2	118
14	Choline-binding domain as a novel affinity tag for purification of fusion proteins produced in Pichia pastoris. *Biotechnology and Bioengineering*, **2001**, 74, 164-71	4.9	15
13	SB-253514 and analogues; novel inhibitors of lipoprotein-associated phospholipase A2 produced by Pseudomonas fluorescens DSM 11579. I. Fermentation of producing strain, isolation and biological activity. *Journal of Antibiotics*, **2000**, 53, 664-9	3.7	36
12	Chrysosporium fluviale, a new keratinophilic species from river sediments. *Mycological Research*, **2000**, 104, 244-250		8
11	Synergistic neurite-outgrowth promoting activity of two related axonal proteins, Bravo/Nr-CAM and G4/Ng-CAM in chicken retinal explants. *European Journal of Neuroscience*, **1996**, 8, 1098-105	3.5	15
10	Searching for the Evolutionary Design of the Pneumococcal Cell Wall Lytic Enzymes **1993**, 253-259		
9	Immobilization and single-step purification of fusion proteins using DEAE-cellulose. *FEBS Journal*, **1992**, 203, 153-9		79
8	Cloning and expression of gene fragments encoding the choline-binding domain of pneumococcal murein hydrolases. *Gene*, **1990**, 89, 69-75	3.8	102
7	Modular organization of the lytic enzymes of Streptococcus pneumoniae and its bacteriophages. *Gene*, **1990**, 86, 81-8	3.8	159
6	Molecular evolution of lytic enzymes of Streptococcus pneumoniae and its bacteriophages. *Proceedings of the National Academy of Sciences of the United States of America*, **1988**, 85, 914-8	11.5	151
5	3Tend modifications of the Streptococcus pneumoniae lytA gene: role of the carboxy terminus of the pneumococcal autolysin in the process of enzymatic activation (conversion). *Gene*, **1987**, 61, 13-9	3.8	27
4	Biological role of the pneumococcal amidase. Cloning of the lytA gene in Streptococcus pneumoniae. *FEBS Journal*, **1987**, 164, 621-4		80
3	Isolation, characterization and physiological properties of an autolytic-deficient mutant of Streptococcus pneumoniae. *Molecular Genetics and Genomics*, **1986**, 204, 237-42		22
2	Searching for autolysin functions. Characterization of a pneumococcal mutant deleted in the lytA gene. *FEBS Journal*, **1986**, 158, 289-93		115
1	Molecular characterization of an autolysin-defective mutant of Streptococcus pneumoniae. *Biochemical and Biophysical Research Communications*, **1986**, 137, 614-9	3.4	18