

JosÃ© M SÃ¡nchez-Puelles

List of Publications by Year in descending order

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35
papers

2,321
citations

257429

24
h-index

377849

34
g-index

35
all docs

35
docs citations

35
times ranked

2916
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular evolution of lytic enzymes of <i>Streptococcus pneumoniae</i> and its bacteriophages.. Proceedings of the National Academy of Sciences of the United States of America, 1988, 85, 914-918.	7.1	176
2	Modular organization of the lytic enzymes of <i>Streptococcus pneumoniae</i> and its bacteriophages. Gene, 1990, 86, 81-88.	2.2	174
3	Deciphering the Biosynthesis Pathway of the Antitumor Thiocoraline from a Marine Actinomycete and Its Expression in Two <i>Streptomyces</i> Species. ChemBioChem, 2006, 7, 366-376.	2.6	159
4	Activated Spinal Cord Ependymal Stem Cells Rescue Neurological Function. Stem Cells, 2009, 27, 733-743.	3.2	147
5	Aplidin TM 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, 241-250.	3.4	140
6	Searching for autolysin functions. Characterization of a pneumococcal mutant deleted in the <i>lytA</i> gene. FEBS Journal, 1986, 158, 289-293.	0.2	137
7	Aplidin ^â , ^ç induces the mitochondrial apoptotic pathway via oxidative stress-mediated JNK and p38 activation and protein kinase C \uparrow . Oncogene, 2002, 21, 7533-7544.	5.9	130
8	Cloning and expression of gene fragments encoding the choline-binding domain of pneumococcal murein hydrolases. Gene, 1990, 89, 69-75.	2.2	115
9	Magnetobiosensors Based on Viral Protein p19 for MicroRNA Determination in Cancer Cells and Tissues. Angewandte Chemie - International Edition, 2014, 53, 6168-6171.	13.8	113
10	Molecular characterization of the safracin biosynthetic pathway from <i>Pseudomonas fluorescens</i> A2-2: designing new cytotoxic compounds. Molecular Microbiology, 2005, 56, 144-154.	2.5	99
11	FM19G11, a New Hypoxia-inducible Factor (HIF) Modulator, Affects Stem Cell Differentiation Status. Journal of Biological Chemistry, 2010, 285, 1333-1342.	3.4	99
12	Biological role of the pneumococcal amidase. Cloning of the <i>lytA</i> gene in <i>Streptococcus pneumoniae</i> . FEBS Journal, 1987, 164, 621-624.	0.2	92
13	Immobilization and single-step purification of fusion proteins using DEAE-cellulose. FEBS Journal, 1992, 203, 153-159.	0.2	86
14	Hypoxia Causes Downregulation of Mismatch Repair System and Genomic Instability in Stem Cells. Stem Cells, 2008, 26, 2052-2062.	3.2	76
15	Hypoxia-Inducible Factor 1 Alpha Contributes to Cardiac Healing in Mesenchymal Stem Cells-Mediated Cardiac Repair. Stem Cells and Development, 2013, 22, 501-511.	2.1	69
16	Auranofin efficacy against MDR ^{<i>} <i>Streptococcus pneumoniae</i> ^{</i>} and ^{<i>} <i>Staphylococcus aureus</i> ^{</i>} infections. Journal of Antimicrobial Chemotherapy, 2015, 70, 2608-2617.	3.0	60
17	Discorhabdins I and L, Cytotoxic Alkaloids from the Sponge <i>Latrunculiabrevis</i> . Journal of Natural Products, 2004, 67, 463-465.	3.0	45
18	Simultaneous detection of two breast cancer-related miRNAs in tumor tissues using p19-based disposable amperometric magnetobiosensing platforms. Biosensors and Bioelectronics, 2015, 66, 385-391.	10.1	45

#	ARTICLE	IF	CITATIONS
19	SB-253514 and Analogues. Novel Inhibitors of Lipoprotein-Associated Phospholipase A2 Produced by <i>Pseudomonas fluorescens</i> DSM 11579. I. Fermentation of Producing Strain, Isolation and Biological Activity.. <i>Journal of Antibiotics</i> , 2000, 53, 664-669.	2.0	40
20	Structure and Function of Prokaryotic UDP-Glucose Pyrophosphorylase, A Drug Target Candidate. <i>Current Medicinal Chemistry</i> , 2015, 22, 1687-1697.	2.4	34
21	Frailty Is Associated With Lower Expression of Genes Involved in Cellular Response to Stress: Results From the Toledo Study for Healthy Aging. <i>Journal of the American Medical Directors Association</i> , 2017, 18, 734.e1-734.e7.	2.5	33
22	3'-End modifications of the <i>Streptococcus pneumoniae</i> lytA gene: role of the carboxy terminus of the pneumococcal autolysin in the process of enzymatic activation (conversion). <i>Gene</i> , 1987, 61, 13-19.	2.2	29
23	Direct Determination of miRâ€21 in Total RNA Extracted from Breast Cancer Samples Using Magnetosensing Platforms and the p19 Viral Protein as Detector Bioreceptor. <i>Electroanalysis</i> , 2014, 26, 2080-2087.	2.9	27
24	Isolation, characterization and physiological properties of an autolytic-deficient mutant of <i>Streptococcus pneumoniae</i> . <i>Molecular Genetics and Genomics</i> , 1986, 204, 237-242.	2.4	26
25	Multifunctional Albumin-Stabilized Gold Nanoclusters for the Reduction of Cancer Stem Cells. <i>Cancers</i> , 2019, 11, 969.	3.7	25
26	Establishment and characterisation of a human carcinoma cell line with acquired resistance to Aplidinâ„. <i>British Journal of Cancer</i> , 2004, 91, 1405-1413.	6.4	24
27	Molecular characterization of an autolysin-defective mutant of <i>Streptococcus pneumoniae</i> . <i>Biochemical and Biophysical Research Communications</i> , 1986, 137, 614-619.	2.1	22
28	<sc>FM</sc>19<sc>G</sc>11 reverses endothelial dysfunction in rat and human arteries through stimulation of the <sc>PI3K/Akt/eNOS</sc> pathway, independently of <sc>mTOR</sc>/<sc>HIF</sc>â€1â„ activation. <i>British Journal of Pharmacology</i> , 2015, 172, 1277-1291.	5.4	22
29	New Cytotoxic Cembranes from the Sea Pen <i>Gyrophyllopsis bogae</i> . <i>Journal of Natural Products</i> , 2004, 67, 1190-1192.	3.0	17
30	Synergistic Neurite-outgrowth Promoting Activity of Two Related Axonal Proteins, Bravo/Nr-CAM and G4/Ng-CAM in Chicken Retinal Explants. <i>European Journal of Neuroscience</i> , 1996, 8, 1098-1105.	2.6	16
31	Choline-binding domain as a novel affinity tag for purification of fusion proteins produced in <i>Pichia pastoris</i> . <i>Biotechnology and Bioengineering</i> , 2001, 74, 164-171.	3.3	16
32	<i>Chrysosporium fluviale</i> , a new keratinophilic species from river sediments. <i>Mycological Research</i> , 2000, 104, 244-250.	2.5	12
33	FM19G11: A new modulator of HIF that links mTOR activation with the DNA damage checkpoint pathways. <i>Cell Cycle</i> , 2010, 9, 2875-2885.	2.6	10
34	The Biology of HIFâ„ Proteins in Cell Differentiation and Disease. <i>Vitamins and Hormones</i> , 2011, 87, 367-379.	1.7	6
35	Searching for the Evolutionary Design of the Pneumococcal Cell Wall Lytic Enzymes. , 1993, , 253-259.		0