José M García-Heredia

List of Publications by Year
in descending order

28	872	430442	476904
papers	citations	18	29
		h-index	g-index

29	29	29	1165
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Solution Structure of the Variable-Type Domain of the Receptor for Advanced Glycation End Products: New Insight into AGEâˆ'RAGE Interaction[,]. Biochemistry, 2008, 47, 12299-12311.	1.2	90
2	Nitration of tyrosine 74 prevents human cytochrome c to play a key role in apoptosis signaling by blocking caspase-9 activation. Biochimica Et Biophysica Acta - Bioenergetics, 2010, 1797, 981-993.	0.5	72
3	Tyrosine phosphorylation turns alkaline transition into a biologically relevant process and makes human cytochrome c behave as an anti-apoptotic switch. Journal of Biological Inorganic Chemistry, 2011, 16, 1155-1168.	1.1	62
4	Role of Mitochondria in Cancer Stem Cell Resistance. Cells, 2020, 9, 1693.	1.8	59
5	The Cargo Protein MAP17 (PDZK1IP1) Regulates the Cancer Stem Cell Pool Activating the Notch Pathway by Abducting NUMB. Clinical Cancer Research, 2017, 23, 3871-3883.	3.2	53
6	Effect of Nitration on the Physicochemical and Kinetic Features of Wild-Type and Monotyrosine Mutants of Human Respiratory Cytochrome c. Biochemistry, 2008, 47, 12371-12379.	1.2	45
7	Decoding Warburg's hypothesis: tumor-related mutations in the mitochondrial respiratory chain. Oncotarget, 2015, 6, 41582-41599.	0.8	44
8	Acetylsalicylic acid induces programmed cell death in Arabidopsis cell cultures. Planta, 2008, 228, 89-97.	1.6	43
9	Nitration of tyrosines 46 and 48 induces the specific degradation of cytochrome c upon change of the heme iron state to high-spin. Biochimica Et Biophysica Acta - Bioenergetics, 2011, 1807, 1616-1623.	0.5	36
10	Perturbation of the Redox Site Structure of Cytochrome c Variants upon Tyrosine Nitration. Journal of Physical Chemistry B, 2012, 116, 5694-5702.	1.2	36
11	Numb-like (NumbL) downregulation increases tumorigenicity, cancer stem cell-like properties and resistance to chemotherapy. Oncotarget, 2016, 7, 63611-63628.	0.8	36
12	Specific nitration of tyrosines 46 and 48 makes cytochrome <i>c</i> assemble a nonâ€‘functional apoptosome. FEBS Letters, 2012, 586, 154-158.	1.3	35
13	Autoencoded DNA methylation data to predict breast cancer recurrence: Machine learning models and gene-weight significance. Artificial Intelligence in Medicine, 2020, 110, 101976.	3.8	27
14	New markers for human ovarian cancer that link platinum resistance to the cancer stem cell phenotype and define new therapeutic combinations and diagnostic tools. Journal of Experimental and Clinical Cancer Research, 2019, 38, 234.	3.5	25
15	Cytochrome c signalosome in mitochondria. European Biophysics Journal, 2011, 40, 1301-1315.	1.2	24
16	A comparative kinetic analysis of the reactivity of plant, horse, and human respiratory cytochrome c towards cytochrome c oxidase. Biochemical and Biophysical Research Communications, 2006, 346, 1108-1113.	1.0	23
17	Efficacy of bortezomib in sarcomas with high levels of MAP17 (PDZK1IP1). Oncotarget, 2016, 7, 67033-67046.	0.8	23
18	Machine learning techniques to discover genes with potential prognosis role in Alzheimerâ€™s disease using different biological sources. Information Fusion, 2017, 36, 114-129.	11.7	22

#	Article	IF	Citations
19	The cargo protein MAP17 (PDZK1IP1) regulates the immune microenvironment. Oncotarget, 2017, 8, 98580-98597.	0.8	19
20	Dr. Jekyll and Mr. Hyde: MAP17â€™s up-regulation, a crosspoint in cancer and inflammatory diseases. Molecular Cancer, 2018, 17, 80.	7.9	14
21	Coordinated downregulation of Spinophilin and the catalytic subunits of PP1, PPP1CA/B/C, contributes to a worse prognosis in lung cancer. Oncotarget, 2017, 8, 105196-105210.	0.8	14
22	Breast tumor cells promotes the horizontal propagation of EMT, stemness, and metastasis by transferring the MAP17 protein between subsets of neoplastic cells. Oncogenesis, 2020, 9, 96.	2.1	12
23	Recent Methodological Advances in the Analysis of Protein Tyrosine Nitration. ChemPhysChem, 2013, 14, 3095-3102.	1.0	11
24	Genetic modification of hypoxia signaling in animal models and its effect on cancer. Clinical and Translational Oncology, 2015, 17, 90-102.	1.2	11
25	NUMB and NUMBL differences in gene regulation. Oncotarget, 2018, 9, 9219-9234.	0.8	11
26	A Nonâ€damaging Method to Analyze the Configuration and Dynamics of Nitrotyrosines in Proteins. Chemistry - A European Journal, 2012, 18, 3872-3878.	1.7	9
27	Sarcoma stratification by combined pH2AX and MAP17 (PDZK1IP1) levels for a better outcome on doxorubicin plus olaparib treatment. Signal Transduction and Targeted Therapy, 2020, 5, 195.	7.1	8
28	PAI1 is a Marker of Bad Prognosis in Rectal Cancer but Predicts a Better Response to Treatment with PIM Inhibitor AZD1208. Cells, 2020, 9, 1071.	1.8	7