Samuel PeÃ±a-Llopis

List of Publications by Year
in descending order

43 papers	4,232 citations	236925 25 h-index	254184 43 g-index
46 all docs	46 docs citations	46 times ranked	8328 citing authors

#	Article	IF	Citations
1	BAP1 loss defines a new class of renal cell carcinoma. Nature Genetics, 2012, 44, 751-759.	21.4	791
2	Effects on survival of BAP1 and PBRM1 mutations in sporadic clear-cell renal-cell carcinoma: a retrospective analysis with independent validation. Lancet Oncology, The, 2013, 14, 159-167.	10.7	383
3	Regulation of TFEB and V-ATPases by mTORC1. EMBO Journal, 2011, 30, 3242-3258.	7.8	379
4	Effect of fish meal replacement by plant protein sources on non-specific defence mechanisms and oxidative stress in gilthead sea bream (Sparus aurata). Aquaculture, 2005, 249, 387-400.	3.5	338
5	Spectrum of diverse genomic alterations define nonâ€“clear cell renal carcinoma subtypes. Nature Genetics, 2015, 47, 13-21.	21.4	310
6	A small molecule modulates Jumonji histone demethylase activity and selectively inhibits cancer growth. Nature Communications, 2013, 4, 2035.	12.8	252
7	Fish tolerance to organophosphate-induced oxidative stress is dependent on the glutathione metabolism and enhanced by N-acetylcysteine. Aquatic Toxicology, 2003, 65, 337-360.	4.0	227
8	Multistep regulation of TFEB by MTORC1. Autophagy, 2017, 13, 464-472.	9.1	162
9	A Validated Tumorgraft Model Reveals Activity of Dovitinib Against Renal Cell Carcinoma. Science Translational Medicine, 2012, 4, 137ra75.	12.4	159
10	A Novel Germline Mutation in BAP1 Predisposes to Familial Clear-Cell Renal Cell Carcinoma. Molecular Cancer Research, 2013, 11, 1061-1071.	3.4	135
11	Simultaneous isolation of high-quality DNA, RNA, miRNA and proteins from tissues for genomic applications. Nature Protocols, 2013, 8, 2240-2255.	12.0	114
12	Interplay Between pVHL and mTORC1 Pathways in Clear-Cell Renal Cell Carcinoma. Molecular Cancer Research, 2011, 9, 1255-1265.	3.4	97
13	Constitutive soxR Mutations Contribute to Multiple-Antibiotic Resistance in Clinical Escherichia coli Isolates. Antimicrobial Agents and Chemotherapy, 2005, 49, 2746-2752.	3.2	93
14	Cooperation and Antagonism among Cancer Genes: The Renal Cancer Paradigm. Cancer Research, 2013, 73, 4173-4179.	0.9	80
15	Chemical inhibition of RNA viruses reveals REDD1 as a host defense factor. Nature Chemical Biology, 2011, 7, 712-719.	8.0	70
16	Regulation of superoxide stress in Pseudomonas putida KT2440 is different from the SoxR paradigm in Escherichia coli. Biochemical and Biophysical Research Communications, 2006, 341, 51-56.	2.1	64
17	Jumonji Inhibitors Overcome Radioresistance in Cancer through Changes in H3K4 Methylation at Double-Strand Breaks. Cell Reports, 2018, 25, 1040-1050.e5.	6.4	59
18	Increased recovery of brain acetylcholinesterase activity in dichlorvos-intoxicated European eels Anguilla anguilla by bath treatment with N-acetylcysteine. Diseases of Aquatic Organisms, 2003, 55, 237-245.	1.0	47

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19	Uncoupling hypoxia signaling from oxygen sensing in the liver results in hypoketotic hypoglycemic death. Oncogene, 2011, 30, 2147-2160.	5.9	42
20	Macrophage PPARÎ³ inhibits Gpr132 to mediate the anti-tumor effects of rosiglitazone. ELife, 2016, 5, .	6.0	41
21	Nullifying the CDKN2AB Locus Promotes Mutant K-ras Lung Tumorigenesis. Molecular Cancer Research, 2014, 12, 912-923.	3.4	39
22	Expression analysis of the fpr (ferredoxin-NADP+ reductase) gene in Pseudomonas putida KT2440. Biochemical and Biophysical Research Communications, 2006, 339, 1246-1254.	2.1	38
23	An integrative somatic mutation analysis to identify pathways linked with survival outcomes across 19 cancer types. Bioinformatics, 2016, 32, 1643-1651.	4.1	35
24	Fibroblast Growth Factor Receptor-Dependent and -Independent Paracrine Signaling by Sunitinib-Resistant Renal Cell Carcinoma. Molecular and Cellular Biology, 2016, 36, 1836-1855.	2.3	33
25	TFEB, a novel mTORC1 effector implicated in lysosome biogenesis, endocytosis and autophagy. Cell Cycle, 2011, 10, 3987-3988.	2.6	31
26	TFEB-mediated lysosomal biogenesis and lysosomal drug sequestration confer resistance to MEK inhibition in pancreatic cancer. Cell Death Discovery, 2020, 6, 12.	4.7	30
27	Regulation of Beclin 1-Mediated Autophagy by Oncogenic Tyrosine Kinases. International Journal of Molecular Sciences, 2020, 21, 9210.	4.1	27
28	Platelet-Derived Growth Factor/Vascular Endothelial Growth Factor Receptor Inactivation by Sunitinib Results in Tsc1/Tsc2-Dependent Inhibition of TORC1. Molecular and Cellular Biology, 2013, 33, 3762-3779.	2.3	22
29	Antioxidants as Potentially Safe Antidotes for Organophosphorus Poisoning. Current Enzyme Inhibition, 2005, 1, 147-156.	0.4	19
30	Î³Klotho is a novel marker and cell survival factor in a subset of triple negative breast cancers. Oncotarget, 2016, 7, 2611-2628.	1.8	17
31	N-Acetylcysteine boosts xenobiotic detoxification in shellfish. Aquatic Toxicology, 2014, 154, 131-140.	4.0	16
32	Unique epigenetic gene profiles define human breast cancers with poor prognosis. Oncotarget, 2016, 7, 85819-85831.	1.8	14
33	A BAP1 synonymous mutation results in exon skipping, loss of function and worse patient prognosis. IScience, 2021, 24, 102173.	4.1	13
34	Prospective evaluation of plasma levels of ANGPT2, TuM2PK, and VEGF in patients with renal cell carcinoma. BMC Urology, 2015, 15, 24.	1.4	11
35	Monosomy 3 Is Linked to Resistance to MEK Inhibitors in Uveal Melanoma. International Journal of Molecular Sciences, 2021, 22, 6727.	4.1	11
36	Cullin 5 is a novel candidate tumor suppressor in renal cell carcinoma involved in the maintenance of genome stability. Oncogenesis, 2019, 8, 4.	4.9	9

#	Article	IF	Citations
37	Association of Polo-Like Kinase 3 and PhosphoT273 Caspase 8 Levels With Disease-Related Outcomes Among Cervical Squamous Cell Carcinoma Patients Treated With Chemoradiation and Brachytherapy. Frontiers in Oncology, 2019, 9, 742.	2.8	5
38	A new perspective on immune evasion: escaping immune surveillance by inactivating tumor suppressors. Signal Transduction and Targeted Therapy, 2022, 7, 15.	17.1	5
39	A Dual HiBiT-GFP-LC3 Lentiviral Reporter for Autophagy Flux Assessment. Methods in Molecular Biology, 2022, 2445, 75-98.	0.9	2
40	Nintedanib and Dasatinib Treatments Induce Protective Autophagy as a Potential Resistance Mechanism in MPM Cells. Frontiers in Cell and Developmental Biology, 2022, 10, 852812.	3.7	2
41	To become a better leader, I played cooperative games with my research group. Science, 2021, , .	12.6	1
42	Toward a molecular genetic classification of clear cell renal cell carcinoma.. Journal of Clinical Oncology, 2013, 31, 341-341.	1.6	1
43	Leadership challenges defused. Science, 2021, 371, 1070-1070.	12.6	0