

Irene Franco

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,444
citations

394421

19
h-index

642732

23
g-index

25
all docs

25
docs citations

25
times ranked

3214
citing authors

#	ARTICLE	IF	CITATIONS
1	Challenges of proving a causal role of somatic mutations in the aging process. <i>Aging Cell</i> , 2022, 21, e13613.	6.7	7
2	Reverting to old theories of ageing with new evidence for the role of somatic mutations. <i>Nature Reviews Genetics</i> , 2022, 23, 645-646.	16.3	2
3	The PI3K/Akt/mTOR pathway in polycystic kidney disease: A complex interaction with polycystins and primary cilium. <i>Cellular Signalling</i> , 2020, 66, 109468.	3.6	49
4	SO042WHOLE GENOME SEQUENCING OF HUMAN KIDNEY PROGENITORS IDENTIFIES A MUTATION-PRONE CELL TYPE IN THE PROXIMAL TUBULE. <i>Nephrology Dialysis Transplantation</i> , 2020, 35, .	0.7	0
5	Healthy skeletal muscle aging: The role of satellite cells, somatic mutations and exercise. <i>International Review of Cell and Molecular Biology</i> , 2019, 346, 157-200.	3.2	10
6	Whole genome DNA sequencing provides an atlas of somatic mutagenesis in healthy human cells and identifies a tumor-prone cell type. <i>Genome Biology</i> , 2019, 20, 285.	8.8	46
7	Somatic mutagenesis in satellite cells associates with human skeletal muscle aging. <i>Nature Communications</i> , 2018, 9, 800.	12.8	94
8	Phosphoinositide 3-Kinase Gamma Inhibition Protects From Anthracycline Cardiotoxicity and Reduces Tumor Growth. <i>Circulation</i> , 2018, 138, 696-711.	1.6	145
9	Mitotic Spindle Assembly and Genomic Stability in Breast Cancer Require PI3K-C2 β Scaffolding Function. <i>Cancer Cell</i> , 2017, 32, 444-459.e7.	16.8	69
10	Rare progerin-expressing preadipocytes and adipocytes contribute to tissue depletion over time. <i>Scientific Reports</i> , 2017, 7, 4405.	3.3	24
11	Rac signal adaptation controls neutrophil mobilization from the bone marrow. <i>Science Signaling</i> , 2016, 9, ra124.	3.6	14
12	Phosphoinositide 3-Kinase-C2 β Regulates Polycystin-2 Ciliary Entry and Protects against Kidney Cyst Formation. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 1135-1144.	6.1	47
13	Phosphoinositide 3-Kinase β Restrains Neurotoxic Effects of Microglia After Focal Brain Ischemia. <i>Molecular Neurobiology</i> , 2016, 53, 5468-5479.	4.0	23
14	PI3K-C2 β : One enzyme for two products coupling vesicle trafficking and signal transduction. <i>FEBS Letters</i> , 2015, 589, 1552-1558.	2.8	36
15	Morgana acts as an oncosuppressor in chronic myeloid leukemia. <i>Blood</i> , 2015, 125, 2245-2253.	1.4	19
16	Deficiency of cannabinoid receptor of type 2 worsens renal functional and structural abnormalities in streptozotocin-induced diabetic mice. <i>Kidney International</i> , 2014, 86, 979-990.	5.2	51
17	Myocyte signalling in leucocyte recruitment to the heart. <i>Cardiovascular Research</i> , 2014, 102, 270-280.	3.8	63
18	The Hedgehog Pathway Effector Smoothened Exhibits Signaling Competency in the Absence of Ciliary Accumulation. <i>Chemistry and Biology</i> , 2014, 21, 1680-1689.	6.0	28

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19	PI3K Class II β Controls Spatially Restricted Endosomal PtdIns3P and Rab11 Activation to Promote Primary Cilium Function. <i>Developmental Cell</i> , 2014, 28, 647-658.	7.0	177
20	PI3K in cancer-stroma interactions: bad in seed and ugly in soil. <i>Oncogene</i> , 2014, 33, 3083-3090.	5.9	55
21	PI3-Kinase β Promotes Rap1a-Mediated Activation of Myeloid Cell Integrin α 4 β 1, Leading to Tumor Inflammation and Growth. <i>PLoS ONE</i> , 2013, 8, e60226.	2.5	51
22	Receptor Tyrosine Kinases and TLR/IL1Rs Unexpectedly Activate Myeloid Cell PI3K β , A Single Convergent Point Promoting Tumor Inflammation and Progression. <i>Cancer Cell</i> , 2011, 19, 715-727.	16.8	343
23	Distinct Effects of Leukocyte and Cardiac Phosphoinositide 3-Kinase β Activity in Pressure Overload-Induced Cardiac Failure. <i>Circulation</i> , 2011, 123, 391-399.	1.6	65
24	The absence of functional PI3K β prevents leukocyte recruitment and ameliorates DSS-induced colitis in mice. <i>Immunology Letters</i> , 2010, 131, 33-39.	2.5	26