

Michael Ohh

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

30
papers

2,290
citations

16
h-index

30
g-index

30
ext. papers

2,632
ext. citations

12.3
avg, IF

4.35
L-index

#	Paper	IF	Citations
30	Ubiquitination of hypoxia-inducible factor requires direct binding to the beta-domain of the von Hippel-Lindau protein. <i>Nature Cell Biology</i> , 2000 , 2, 423-7	23.4	1247
29	Germline CBL mutations cause developmental abnormalities and predispose to juvenile myelomonocytic leukemia. <i>Nature Genetics</i> , 2010 , 42, 794-800	36.3	257
28	An intact NEDD8 pathway is required for Cullin-dependent ubiquitylation in mammalian cells. <i>EMBO Reports</i> , 2002 , 3, 177-82	6.5	149
27	Inhibition of SHP2-mediated dephosphorylation of Ras suppresses oncogenesis. <i>Nature Communications</i> , 2015 , 6, 8859	17.4	112
26	The multifaceted von Hippel-Lindau tumour suppressor protein. <i>FEBS Letters</i> , 2014 , 588, 2704-11	3.8	72
25	Src promotes GTPase activity of Ras via tyrosine 32 phosphorylation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, E3785-94	11.5	59
24	Nucleolar RNA polymerase II drives ribosome biogenesis. <i>Nature</i> , 2020 , 585, 298-302	50.4	50
23	Ubiquitin pathway in VHL cancer syndrome. <i>Neoplasia</i> , 2006 , 8, 623-9	6.4	49
22	Tyrosyl phosphorylation of KRAS stalls GTPase cycle via alteration of switch I and II conformation. <i>Nature Communications</i> , 2019 , 10, 224	17.4	43
21	Translational and HIF-1 β -Dependent Metabolic Reprogramming Underpin Metabolic Plasticity and Responses to Kinase Inhibitors and Biguanides. <i>Cell Metabolism</i> , 2018 , 28, 817-832.e8	24.6	42
20	Disturbed Flow Increases UBE2C (Ubiquitin E2 Ligase C) via Loss of miR-483-3p, Inducing Aortic Valve Calcification by the pVHL (von Hippel-Lindau Protein) and HIF-1 α (Hypoxia-Inducible Factor-1 α) Pathway in Endothelial Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019 , 39, 467-481	9.4	32
19	Oxygen-dependent Regulation of Erythropoietin Receptor Turnover and Signaling. <i>Journal of Biological Chemistry</i> , 2016 , 291, 7357-72	5.4	24
18	Inhibition of SRC corrects GM-CSF hypersensitivity that underlies juvenile myelomonocytic leukemia. <i>Cancer Research</i> , 2013 , 73, 2540-50	10.1	23
17	Status Determines Sensitivity to SHP2 Inhibitor Combination Therapies Targeting the RAS-MAPK Pathway in Neuroblastoma. <i>Cancer Research</i> , 2020 , 80, 3413-3423	10.1	20
16	HIF-2 β -VHL complex reveals broad genotype-phenotype correlations in HIF-2 β -driven disease. <i>Nature Communications</i> , 2018 , 9, 3359	17.4	17
15	New structural and functional insight into the regulation of Ras. <i>Seminars in Cell and Developmental Biology</i> , 2016 , 58, 70-8	7.5	16
14	DCNL1 functions as a substrate sensor and activator of cullin 2-RING ligase. <i>Molecular and Cellular Biology</i> , 2013 , 33, 1621-31	4.8	13

13	A Late G1 Lipid Checkpoint That Is Dysregulated in Clear Cell Renal Carcinoma Cells. <i>Journal of Biological Chemistry</i> , 2017 , 292, 936-944	5.4	9
12	A Hypoxia-Inducible HIF1-GAL3ST1-Sulfatide Axis Enhances ccRCC Immune Evasion via Increased Tumor Cell-Platelet Binding. <i>Molecular Cancer Research</i> , 2019 , 17, 2306-2317	6.6	9
11	Consequences of VHL Loss on Global DNA Methylome. <i>Scientific Reports</i> , 2018 , 8, 3313	4.9	9
10	PD-1 blockade delays tumor growth by inhibiting an intrinsic SHP2/Ras/MAPK signalling in thyroid cancer cells. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021 , 40, 22	12.8	9
9	Evolution of metazoan oxygen-sensing involved a conserved divergence of VHL affinity for HIF1 α and HIF2 α . <i>Nature Communications</i> , 2019 , 10, 3293	17.4	8
8	pVHL Δ kryptonite: E2-EPF UCP. <i>Cancer Cell</i> , 2006 , 10, 95-7	24.3	8
7	The Q61H mutation decouples KRAS from upstream regulation and renders cancer cells resistant to SHP2 inhibitors. <i>Nature Communications</i> , 2021 , 12, 6274	17.4	5
6	Hydroxylation-Dependent Interaction of Substrates to the Von Hippel-Lindau Tumor Suppressor Protein (VHL). <i>Methods in Molecular Biology</i> , 2016 , 1458, 87-94	1.4	3
5	Hypoxia and viral infectious diseases. <i>JCI Insight</i> , 2021 , 6,	9.9	2
4	The long form of pVHL is artifactually modified by serine protease inhibitor AEBSF. <i>Protein Science</i> , 2020 , 29, 1843-1850	6.3	1
3	D154Q Mutation does not Alter KRAS Dimerization.. <i>Journal of Molecular Biology</i> , 2021 , 434, 167392	6.5	1
2	HIF-1 α Hydroxyprolines Modulate Oxygen-Dependent Protein Stability Via Single VHL Interface With Comparable Effect on Ubiquitination Rate. <i>Journal of Molecular Biology</i> , 2021 , 433, 167244	6.5	1
1	Side population analysis in clear cell renal cell carcinoma. <i>Biochemical and Biophysical Research Communications</i> , 2021 , 585, 196-202	3.4	