

# Michael Ohh

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

2,963  
citations

430442

18  
h-index

476904

29  
g-index

30  
all docs

30  
docs citations

30  
times ranked

4363  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ubiquitination of hypoxia-inducible factor requires direct binding to the $\hat{1}^2$ -domain of the von Hippel-Lindau protein. <i>Nature Cell Biology</i> , 2000, 2, 423-427.	4.6	1,423
2	Germline CBL mutations cause developmental abnormalities and predispose to juvenile myelomonocytic leukemia. <i>Nature Genetics</i> , 2010, 42, 794-800.	9.4	308
3	Inhibition of SHP2-mediated dephosphorylation of Ras suppresses oncogenesis. <i>Nature Communications</i> , 2015, 6, 8859.	5.8	173
4	An intact NEDD8 pathway is required for Cullin-dependent ubiquitylation in mammalian cells. <i>EMBO Reports</i> , 2002, 3, 177-182.	2.0	164
5	Nucleolar RNA polymerase II drives ribosome biogenesis. <i>Nature</i> , 2020, 585, 298-302.	13.7	135
6	The multifaceted von Hippel-Lindau tumour suppressor protein. <i>FEBS Letters</i> , 2014, 588, 2704-2711.	1.3	83
7	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.	3.3	81
8	Tyrosyl phosphorylation of KRAS stalls GTPase cycle via alteration of switch I and II conformation. <i>Nature Communications</i> , 2019, 10, 224.	5.8	66
9	Translational and HIF-1-Dependent Metabolic Reprogramming Underpin Metabolic Plasticity and Responses to Kinase Inhibitors and Biguanides. <i>Cell Metabolism</i> , 2018, 28, 817-832.e8.	7.2	61
10	Ubiquitin Pathway in VHL Cancer Syndrome. <i>Neoplasia</i> , 2006, 8, 623-629.	2.3	57
11	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 (Hypoxia-Inducible Factor-1) Pathway in Endothelial Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 467-481.	1.1	54
12	NRAS Status Determines Sensitivity to SHP2 Inhibitor Combination Therapies Targeting the RAS-MAPK Pathway in Neuroblastoma. <i>Cancer Research</i> , 2020, 80, 3413-3423.	0.4	40
13	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.	3.5	37
14	Oxygen-dependent Regulation of Erythropoietin Receptor Turnover and Signaling. <i>Journal of Biological Chemistry</i> , 2016, 291, 7357-7372.	1.6	33
15	Evolution of metazoan oxygen-sensing involved a conserved divergence of VHL affinity for HIF1 and HIF2. <i>Nature Communications</i> , 2019, 10, 3293.	5.8	33
16	HIF-2-pVHL complex reveals broad genotype-phenotype correlations in HIF-2-driven disease. <i>Nature Communications</i> , 2018, 9, 3359.	5.8	26
17	Inhibition of SRC Corrects GM-CSF Hypersensitivity That Underlies Juvenile Myelomonocytic Leukemia. <i>Cancer Research</i> , 2013, 73, 2540-2550.	0.4	23
18	New structural and functional insight into the regulation of Ras. <i>Seminars in Cell and Developmental Biology</i> , 2016, 58, 70-78.	2.3	22

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19	The Q61H mutation decouples KRAS from upstream regulation and renders cancer cells resistant to SHP2 inhibitors. <i>Nature Communications</i> , 2021, 12, 6274.	5.8	22
20	A Hypoxia-Inducible HIF1- $\alpha$ -GAL3ST1-Sulfatide Axis Enhances ccRCC Immune Evasion via Increased Tumor Cell-Platelet Binding. <i>Molecular Cancer Research</i> , 2019, 17, 2306-2314.	1.5	19
21	DCNL1 Functions as a Substrate Sensor and Activator of Cullin 2-RING Ligase. <i>Molecular and Cellular Biology</i> , 2013, 33, 1621-1631.	1.1	18
22	A Late G1 Lipid Checkpoint That Is Dysregulated in Clear Cell Renal Carcinoma Cells. <i>Journal of Biological Chemistry</i> , 2017, 292, 936-944.	1.6	17
23	Consequences of VHL Loss on Global DNA Methylation. <i>Scientific Reports</i> , 2018, 8, 3313.	1.6	16
24	Hypoxia and viral infectious diseases. <i>JCI Insight</i> , 2021, 6, .	2.3	15
25	HIF-1 $\alpha$ 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.	2.0	12
26	pVHL's kryptonite: E2-EPF UCP. <i>Cancer Cell</i> , 2006, 10, 95-97.	7.7	11
27	D154Q Mutation does not Alter KRAS Dimerization. <i>Journal of Molecular Biology</i> , 2022, 434, 167392.	2.0	8
28	Hydroxylation-Dependent Interaction of Substrates to the Von Hippel-Lindau Tumor Suppressor Protein (VHL). <i>Methods in Molecular Biology</i> , 2016, 1458, 87-94.	0.4	5
29	The long form of pVHL is artifactually modified by serine protease inhibitor AEBSF. <i>Protein Science</i> , 2020, 29, 1843-1850.	3.1	1
30	Side population analysis in clear cell renal cell carcinoma. <i>Biochemical and Biophysical Research Communications</i> , 2021, 585, 196-202.	1.0	0