

# Xaralabos Varelas

## List of Publications by Year in descending order

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Version: 2024-02-01

67  
papers

6,677  
citations

94433

37  
h-index

106344

65  
g-index

80  
all docs

80  
docs citations

80  
times ranked

9527  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Crumbs Complex Couples Cell Density Sensing to Hippo-Dependent Control of the TGF- $\beta$ -SMAD Pathway. <i>Developmental Cell</i> , 2010, 19, 831-844.	7.0	602
2	TAZ controls Smad nucleocytoplasmic shuttling and regulates human embryonic stem-cell self-renewal. <i>Nature Cell Biology</i> , 2008, 10, 837-848.	10.3	576
3	Mechanosignaling through YAP and TAZ drives fibroblast activation and fibrosis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 308, L344-L357.	2.9	570
4	The Hippo pathway effectors TAZ and YAP in development, homeostasis and disease. <i>Development (Cambridge)</i> , 2014, 141, 1614-1626.	2.5	514
5	The Hippo Pathway Regulates Wnt/ $\beta$ -Catenin Signaling. <i>Developmental Cell</i> , 2010, 18, 579-591.	7.0	490
6	Targeting the Hippo pathway in cancer, fibrosis, wound healing and regenerative medicine. <i>Nature Reviews Drug Discovery</i> , 2020, 19, 480-494.	46.4	396
7	Switch Enhancers Interpret TGF- $\beta$ and Hippo Signaling to Control Cell Fate in Human Embryonic Stem Cells. <i>Cell Reports</i> , 2013, 5, 1611-1624.	6.4	250
8	An Allosteric Inhibitor of the Human Cdc34 Ubiquitin-Conjugating Enzyme. <i>Cell</i> , 2011, 145, 1075-1087.	28.9	203
9	The Hippo Pathway Effector Yap Controls Patterning and Differentiation of Airway Epithelial Progenitors. <i>Developmental Cell</i> , 2014, 30, 137-150.	7.0	203
10	The Transcriptional Regulators TAZ and YAP Direct Transforming Growth Factor $\beta$ -induced Tumorigenic Phenotypes in Breast Cancer Cells. <i>Journal of Biological Chemistry</i> , 2014, 289, 13461-13474.	3.4	202
11	Targeted apoptosis of myofibroblasts with the BH3 mimetic ABT-263 reverses established fibrosis. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	155
12	Notch3-Jagged signaling controls the pool of undifferentiated airway progenitors. <i>Development (Cambridge)</i> , 2015, 142, 258-267.	2.5	151
13	Selective YAP/TAZ inhibition in fibroblasts via dopamine receptor D1 agonism reverses fibrosis. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	134
14	Crumbs3-Mediated Polarity Directs Airway Epithelial Cell Fate through the Hippo Pathway Effector Yap. <i>Developmental Cell</i> , 2015, 34, 283-296.	7.0	130
15	Systematic morphological profiling of human gene and allele function via Cell Painting. <i>ELife</i> , 2017, 6, .	6.0	129
16	Integrating developmental signals: a Hippo in the (path)way. <i>Oncogene</i> , 2012, 31, 1743-1756.	5.9	107
17	A YAP/TAZ-Regulated Molecular Signature Is Associated with Oral Squamous Cell Carcinoma. <i>Molecular Cancer Research</i> , 2015, 13, 957-968.	3.4	107
18	Actionable Cytopathogenic Host Responses of Human Alveolar Type 2 Cells to SARS-CoV-2. <i>Molecular Cell</i> , 2020, 80, 1104-1122.e9.	9.7	94

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19	Phosphorylation of the Tumor Suppressor Fat Is Regulated by Its Ligand Dachous and the Kinase Discs Overgrown. <i>Current Biology</i> , 2009, 19, 1112-1117.	3.9	93
20	Coordinating developmental signaling: novel roles for the Hippo pathway. <i>Trends in Cell Biology</i> , 2012, 22, 88-96.	7.9	93
21	The Hippo Pathway Effectors TAZ/YAP Regulate Dicer Expression and MicroRNA Biogenesis through Let-7. <i>Journal of Biological Chemistry</i> , 2014, 289, 1886-1891.	3.4	91
22	Therapeutic Targeting of TAZ and YAP by Dimethyl Fumarate in Systemic Sclerosis Fibrosis. <i>Journal of Investigative Dermatology</i> , 2018, 138, 78-88.	0.7	83
23	Altered RNA editing in 3' UTR perturbs microRNA-mediated regulation of oncogenes and tumor-suppressors. <i>Scientific Reports</i> , 2016, 6, 23226.	3.3	77
24	TAZ activation drives fibroblast spheroid growth, expression of profibrotic paracrine signals, and context-dependent ECM gene expression. <i>American Journal of Physiology - Cell Physiology</i> , 2017, 312, C277-C285.	4.6	73
25	Glutamine-utilizing transaminases are a metabolic vulnerability of TAZ/YAP-activated cancer cells. <i>EMBO Reports</i> , 2018, 19, .	4.5	70
26	Distinct Polarity Cues Direct Taz/Yap and TGF $\beta$ 2 Receptor Localization to Differentially Control TGF $\beta$ 2-Induced Smad Signaling. <i>Developmental Cell</i> , 2015, 32, 652-656.	7.0	69
27	Stem cell regulation by the Hippo pathway. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 2323-2334.	2.4	67
28	The Ubiquitin Binding Region of the Smurf HECT Domain Facilitates Polyubiquitylation and Binding of Ubiquitylated Substrates. <i>Journal of Biological Chemistry</i> , 2010, 285, 6308-6315.	3.4	63
29	N-Glycosylation Induces the CTHRC1 Protein and Drives Oral Cancer Cell Migration. <i>Journal of Biological Chemistry</i> , 2013, 288, 20217-20227.	3.4	58
30	Yap suppresses T-cell function and infiltration in the tumor microenvironment. <i>PLoS Biology</i> , 2020, 18, e3000591.	5.6	58
31	Arterial stiffness induces remodeling phenotypes in pulmonary artery smooth muscle cells via YAP/TAZ-mediated repression of cyclooxygenase-2. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 313, L628-L647.	2.9	55
32	Hsp70 Bag3 complex is a hub for proteotoxicity-induced signaling that controls protein aggregation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E7043-E7052.	7.1	55
33	Cdc34 Self-Association Is Facilitated by Ubiquitin Thiiolester Formation and Is Required for Its Catalytic Activity. <i>Molecular and Cellular Biology</i> , 2003, 23, 5388-5400.	2.3	48
34	Patient-specific iPSCs carrying an SFTPC mutation reveal the intrinsic alveolar epithelial dysfunction at the inception of interstitial lung disease. <i>Cell Reports</i> , 2021, 36, 109636.	6.4	48
35	The in vivo genetic program of murine primordial lung epithelial progenitors. <i>Nature Communications</i> , 2020, 11, 635.	12.8	46
36	The Hippo signaling pathway is required for salivary gland development and its dysregulation is associated with Sjogren's syndrome. <i>Laboratory Investigation</i> , 2013, 93, 1203-1218.	3.7	45

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37	Functional and genomic analyses reveal therapeutic potential of targeting $\beta$ -catenin/CBP activity in head and neck cancer. <i>Genome Medicine</i> , 2018, 10, 54.	8.2	43
38	Inhibition of LSD1 epigenetically attenuates oral cancer growth and metastasis. <i>Oncotarget</i> , 2017, 8, 73372-73386.	1.8	43
39	TGF $\beta$ -induced fibroblast activation requires persistent and targeted HDAC-mediated gene repression. <i>Journal of Cell Science</i> , 2019, 132, .	2.0	40
40	Protein N-glycosylation in oral cancer: Dysregulated cellular networks among DPAGT1, E-cadherin adhesion and canonical Wnt signaling. <i>Glycobiology</i> , 2014, 24, 579-591.	2.5	39
41	The Hippo pathway effector YAP is an essential regulator of ductal progenitor patterning in the mouse submandibular gland. <i>ELife</i> , 2017, 6, .	6.0	37
42	Yap/Taz inhibit goblet cell fate to maintain lung epithelial homeostasis. <i>Cell Reports</i> , 2021, 36, 109347.	6.4	24
43	ZNF416 is a pivotal transcriptional regulator of fibroblast mechanoactivation. <i>Journal of Cell Biology</i> , 2021, 220, .	5.2	23
44	Integrin $\alpha$ FAK $\beta$ CDC42 $\beta$ PP1A signaling gnaws at YAP/TAZ activity to control incisor stem cells. <i>BioEssays</i> , 2017, 39, 1700116.	2.5	20
45	Obesity-induced senescent macrophages activate a fibrotic transcriptional program in adipocyte progenitors. <i>Life Science Alliance</i> , 2022, 5, e202101286.	2.8	20
46	Naturally occurring hotspot cancer mutations in G $\beta$ 13 promote oncogenic signaling. <i>Journal of Biological Chemistry</i> , 2020, 295, 16897-16904.	3.4	19
47	Expression of Piwi protein MIWI2 defines a distinct population of multiciliated cells. <i>Journal of Clinical Investigation</i> , 2017, 127, 3866-3876.	8.2	14
48	The Cdc34/SCF Ubiquitination Complex Mediates <i>Saccharomyces cerevisiae</i> Cell Wall Integrity. <i>Genetics</i> , 2006, 174, 1825-1839.	2.9	12
49	Inhibition of LSD1 Attenuates Oral Cancer Development and Promotes Therapeutic Efficacy of Immune Checkpoint Blockade and YAP/TAZ Inhibition. <i>Molecular Cancer Research</i> , 2022, 20, 712-721.	3.4	12
50	The Tumor Suppressor CYLD Inhibits Mammary Epithelial to Mesenchymal Transition by the Coordinated Inhibition of YAP/TAZ and TGF $\beta$ Signaling. <i>Cancers</i> , 2020, 12, 2047.	3.7	10
51	Loss of G-Protein Pathway Suppressor 2 Promotes Tumor Growth Through Activation of AKT Signaling. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 608044.	3.7	10
52	Inactivation of the Hippo tumor suppressor pathway promotes melanoma. <i>Nature Communications</i> , 2022, 13, .	12.8	10
53	Gene expression alterations in salivary gland epithelia of Sjögren's syndrome patients are associated with clinical and histopathological manifestations. <i>Scientific Reports</i> , 2021, 11, 11154.	3.3	9
54	Aberrant epithelial polarity cues drive the development of precancerous airway lesions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	8

#	ARTICLE	IF	CITATIONS
55	Lung Atelectasis Promotes Immune and Barrier Dysfunction as Revealed by Transcriptome Sequencing in Female Sheep. <i>Anesthesiology</i> , 2020, 133, 1060-1076.	2.5	7
56	The Hsp70â€“Bag3 complex modulates the phosphorylation and nuclear translocation of Hippo pathway protein Yap. <i>Journal of Cell Science</i> , 2021, 134, .	2.0	7
57	CaDrA: A Computational Framework for Performing Candidate Driver Analyses Using Genomic Features. <i>Frontiers in Genetics</i> , 2019, 10, 121.	2.3	6
58	Epithelial LIF signaling limits apoptosis and lung injury during bacterial pneumonia. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2022, 322, L550-L563.	2.9	5
59	Identification of candidate cancer drivers by integrative Epi-DNA and Gene Expression (iEDGE) data analysis. <i>Scientific Reports</i> , 2019, 9, 16904.	3.3	4
60	Immunofluorescence Microscopy to Study Endogenous TAZ in Mammalian Cells. <i>Methods in Molecular Biology</i> , 2019, 1893, 107-113.	0.9	4
61	Phosphatidic Acid Signals via the Hippo Pathway. <i>Molecular Cell</i> , 2018, 72, 205-206.	9.7	3
62	Purification and Properties of the Ubiquitinâ€“Conjugating Enzymes Cdc34 and Ubc13Â·Mms2. <i>Methods in Enzymology</i> , 2005, 398, 43-54.	1.0	2
63	Non-canonical Roles for the Hippo Pathway. , 2013, , 327-346.		2
64	YAP and TAZ drive matrix stiffnessâ€“dependent fibroblast activation (1180.6). <i>FASEB Journal</i> , 2014, 28, 1180.6.	0.5	1
65	TAZ Forces Lateral Inhibition. <i>Developmental Cell</i> , 2019, 48, 748-750.	7.0	0
66	Abstract 2434: Transcriptional crosstalk between YAP, TEAD and TP63 is associated with early lung carcinogenesis. , 2021, , .		0
67	A YAP/TAZâ€“Regulated Transcriptional Signature Associated with Oral Squamous Cell Carcinoma. <i>FASEB Journal</i> , 2015, 29, LB124.	0.5	0