Xaralabos Varelas

List of Publications by Year
in descending order

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	Inhibition of LSD1 Attenuates Oral Cancer Development and Promotes Therapeutic Efficacy of Immune Checkpoint Blockade and YAP/TAZ Inhibition. Molecular Cancer Research, 2022, 20, 712-721.	3.4	12
2	Epithelial LIF signaling limits apoptosis and lung injury during bacterial pneumonia. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2022, 322, L550-L563.	2.9	5
3	Obesity-induced senescent macrophages activate a fibrotic transcriptional program in adipocyte progenitors. Life Science Alliance, 2022, 5, e202101286.	2.8	20
4	Inactivation of the Hippo tumor suppressor pathway promotes melanoma. Nature Communications, 2022, 13, .	12.8	10
5	ZNF416 is a pivotal transcriptional regulator of fibroblast mechanoactivation. Journal of Cell Biology, 2021, 220, .	5.2	23
6	Aberrant epithelial polarity cues drive the development of precancerous airway lesions. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	8
7	Gene expression alterations in salivary gland epithelia of SjÃ¶grenâ€™s syndrome patients are associated with clinical and histopathological manifestations. Scientific Reports, 2021, 11, 11154.	3.3	9
8	Abstract 2434: Transcriptional crosstalk between YAP, TEAD and TP63 is associated with early lung carcinogenesis. , 2021, , .		0
9	Yap/Taz inhibit goblet cell fate to maintain lung epithelial homeostasis. Cell Reports, 2021, 36, 109347.	6.4	24
10	Patient-specific iPSCs carrying an SFTPC mutation reveal the intrinsic alveolar epithelial dysfunction at the inception of interstitial lung disease. Cell Reports, 2021, 36, 109636.	6.4	48
11	The Hsp70â€“Bag3 complex modulates the phosphorylation and nuclear translocation of Hippo pathway protein Yap. Journal of Cell Science, 2021, 134, .	2.0	7
12	Actionable Cytopathogenic Host Responses of Human Alveolar Type 2 Cells to SARS-CoV-2. Molecular Cell, 2020, 80, 1104-1122.e9.	9.7	94
13	The Tumor Suppressor CYLD Inhibits Mammary Epithelial to Mesenchymal Transition by the Coordinated Inhibition of YAP/TAZ and TGFÎ² Signaling. Cancers, 2020, 12, 2047.	3.7	10
14	Naturally occurring hotspot cancer mutations in GÎ±13 promote oncogenic signaling. Journal of Biological Chemistry, 2020, 295, 16897-16904.	3.4	19
15	Targeting the Hippo pathway in cancer, fibrosis, wound healing and regenerative medicine. Nature Reviews Drug Discovery, 2020, 19, 480-494.	46.4	396
16	The in vivo genetic program of murine primordial lung epithelial progenitors. Nature Communications, 2020, 11, 635.	12.8	46
17	Yap suppresses T-cell function and infiltration in the tumor microenvironment. PLoS Biology, 2020, 18, e3000591.	5.6	58
18	Loss of G-Protein Pathway Suppressor 2 Promotes Tumor Growth Through Activation of AKT Signaling. Frontiers in Cell and Developmental Biology, 2020, 8, 608044.	3.7	10

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19	Lung Atelectasis Promotes Immune and Barrier Dysfunction as Revealed by Transcriptome Sequencing in Female Sheep. Anesthesiology, 2020, 133, 1060-1076.	2.5	7
20	Selective YAP/TAZ inhibition in fibroblasts via dopamine receptor D1 agonism reverses fibrosis. Science Translational Medicine, 2019, 11, .	12.4	134
21	TGFÎ²-induced fibroblast activation requires persistent and targeted HDAC-mediated gene repression. Journal of Cell Science, 2019, 132, .	2.0	40
22	CaDrA: A Computational Framework for Performing Candidate Driver Analyses Using Genomic Features. Frontiers in Genetics, 2019, 10, 121.	2.3	6
23	TAZ Forces Lateral Inhibition. Developmental Cell, 2019, 48, 748-750.	7.0	0
24	Identification of candidate cancer drivers by integrative Epi-DNA and Gene Expression (iEDGE) data analysis. Scientific Reports, 2019, 9, 16904.	3.3	4
25	Immunofluorescence Microscopy to Study Endogenous TAZ in Mammalian Cells. Methods in Molecular Biology, 2019, 1893, 107-113.	0.9	4
26	Glutamineâ€utilizing transaminases are a metabolic vulnerability of TAZ/YAPâ€activated cancer cells. EMBO Reports, 2018, 19, .	4.5	70
27	Therapeutic Targeting of TAZ and YAP byÂDimethyl Fumarate in Systemic SclerosisÂFibrosis. Journal of Investigative Dermatology, 2018, 138, 78-88.	0.7	83
28	Phosphatidic Acid Signals via the Hippo Pathway. Molecular Cell, 2018, 72, 205-206.	9.7	3
29	Functional and genomic analyses reveal therapeutic potential of targeting Î²-catenin/CBP activity in head and neck cancer. Genome Medicine, 2018, 10, 54.	8.2	43
30	Hsp70â€“Bag3 complex is a hub for proteotoxicity-induced signaling that controls protein aggregation. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E7043-E7052.	7.1	55
31	TAZ activation drives fibroblast spheroid growth, expression of profibrotic paracrine signals, and context-dependent ECM gene expression. American Journal of Physiology - Cell Physiology, 2017, 312, C277-C285.	4.6	73
32	Integrinâ€FAKâ€CDC42â€PP1A signaling gnaws at YAP/TAZ activity to control incisor stem cells. BioEssays, 2017, 39, 1700116.	2.5	20
33	Targeted apoptosis of myofibroblasts with the BH3 mimetic ABT-263 reverses established fibrosis. Science Translational Medicine, 2017, 9, .	12.4	155
34	Arterial stiffness induces remodeling phenotypes in pulmonary artery smooth muscle cells via YAP/TAZ-mediated repression of cyclooxygenase-2. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2017, 313, L628-L647.	2.9	55
35	Expression of Piwi protein MIWI2 defines a distinct population of multiciliated cells. Journal of Clinical Investigation, 2017, 127, 3866-3876.	8.2	14
36	Inhibition of LSD1 epigenetically attenuates oral cancer growth and metastasis. Oncotarget, 2017, 8, 73372-73386.	1.8	43

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37	The Hippo pathway effector YAP is an essential regulator of ductal progenitor patterning in the mouse submandibular gland. ELife, 2017, 6, .	6.0	37
38	Systematic morphological profiling of human gene and allele function via Cell Painting. ELife, 2017, 6, .	6.0	129
39	Altered RNA editing in 3â€² UTR perturbs microRNA-mediated regulation of oncogenes and tumor-suppressors. Scientific Reports, 2016, 6, 23226.	3.3	77
40	Notch3-Jagged signaling controls the pool of undifferentiated airway progenitors. Development (Cambridge), 2015, 142, 258-267.	2.5	151
41	Distinct Polarity Cues Direct Taz/Yap and TGFÎ² Receptor Localization to Differentially Control TGFÎ²-Induced Smad Signaling. Developmental Cell, 2015, 32, 652-656.	7.0	69
42	A YAP/TAZ-Regulated Molecular Signature Is Associated with Oral Squamous Cell Carcinoma. Molecular Cancer Research, 2015, 13, 957-968.	3.4	107
43	Crumbs3-Mediated Polarity Directs Airway Epithelial Cell Fate through the Hippo Pathway Effector Yap. Developmental Cell, 2015, 34, 283-296.	7.0	130
44	Mechanosignaling through YAP and TAZ drives fibroblast activation and fibrosis. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 308, L344-L357.	2.9	570
45	A YAP/TAZâ€Regulated Transcriptional Signature Associated with Oral Squamous Cell Carcinoma. FASEB Journal, 2015, 29, LB124.	0.5	0
46	The Hippo Pathway Effectors TAZ/YAP Regulate Dicer Expression and MicroRNA Biogenesis through Let-7. Journal of Biological Chemistry, 2014, 289, 1886-1891.	3.4	91
47	The Hippo Pathway Effector Yap Controls Patterning and Differentiation of Airway Epithelial Progenitors. Developmental Cell, 2014, 30, 137-150.	7.0	203
48	The Transcriptional Regulators TAZ and YAP Direct Transforming Growth Factor Î²-induced Tumorigenic Phenotypes in Breast Cancer Cells. Journal of Biological Chemistry, 2014, 289, 13461-13474.	3.4	202
49	Protein N-glycosylation in oral cancer: Dysregulated cellular networks among DPAGT1, E-cadherin adhesion and canonical Wnt signaling. Glycobiology, 2014, 24, 579-591.	2.5	39
50	The Hippo pathway effectors TAZ and YAP in development, homeostasis and disease. Development (Cambridge), 2014, 141, 1614-1626.	2.5	514
51	YAP and TAZ drive matrix stiffnessâ€dependent fibroblast activation (1180.6). FASEB Journal, 2014, 28, 1180.6.	0.5	1
52	N-Glycosylation Induces the CTHRC1 Protein and Drives Oral Cancer Cell Migration. Journal of Biological Chemistry, 2013, 288, 20217-20227.	3.4	58
53	Switch Enhancers Interpret TGF-Î² and Hippo Signaling to Control Cell Fate in Human Embryonic Stem Cells. Cell Reports, 2013, 5, 1611-1624.	6.4	250
54	Non-canonical Roles for the Hippo Pathway. , 2013, , 327-346.		2

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55	Stem cell regulation by the Hippo pathway. Biochimica Et Biophysica Acta - General Subjects, 2013, 1830, 2323-2334.	2.4	67
56	The Hippo signaling pathway is required for salivary gland development and its dysregulation is associated with Sjogren's syndrome. Laboratory Investigation, 2013, 93, 1203-1218.	3.7	45
57	Integrating developmental signals: a Hippo in the (path)way. Oncogene, 2012, 31, 1743-1756.	5.9	107
58	Coordinating developmental signaling: novel roles for the Hippo pathway. Trends in Cell Biology, 2012, 22, 88-96.	7.9	93
59	An Allosteric Inhibitor of the Human Cdc34ÂUbiquitin-Conjugating Enzyme. Cell, 2011, 145, 1075-1087.	28.9	203
60	The Ubiquitin Binding Region of the Smurf HECT Domain Facilitates Polyubiquitylation and Binding of Ubiquitylated Substrates. Journal of Biological Chemistry, 2010, 285, 6308-6315.	3.4	63
61	The Hippo Pathway Regulates Wnt/Î²-Catenin Signaling. Developmental Cell, 2010, 18, 579-591.	7.0	490
62	The Crumbs Complex Couples Cell Density Sensing to Hippo-Dependent Control of the TGF-Î²-SMAD Pathway. Developmental Cell, 2010, 19, 831-844.	7.0	602
63	Phosphorylation of the Tumor Suppressor Fat Is Regulated by Its Ligand Dachsous and the Kinase Discs Overgrown. Current Biology, 2009, 19, 1112-1117.	3.9	93
64	TAZ controls Smad nucleocytoplasmic shuttling and regulates human embryonic stem-cell self-renewal. Nature Cell Biology, 2008, 10, 837-848.	10.3	576
65	The Cdc34/SCF Ubiquitination Complex Mediates Saccharomyces cerevisiae Cell Wall Integrity. Genetics, 2006, 174, 1825-1839.	2.9	12
66	Purification and Properties of the Ubiquitinâ€Conjugating Enzymes Cdc34 and Ubc13Â·Mms2. Methods in Enzymology, 2005, 398, 43-54.	1.0	2
67	Cdc34 Self-Association Is Facilitated by Ubiquitin Thiolester Formation and Is Required for Its Catalytic Activity. Molecular and Cellular Biology, 2003, 23, 5388-5400.	2.3	48