

Hyun Woo Park

List of Publications by Year in descending order

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44
papers

6,933
citations

172457

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243625

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47
docs citations

47
times ranked

13739
citing authors

#	ARTICLE	IF	CITATIONS
1	ULK1 induces autophagy by phosphorylating Beclin-1 and activating VPS34 lipid kinase. <i>Nature Cell Biology</i> , 2013, 15, 741-750.	10.3	1,255
2	Differential regulation of mTORC1 by leucine and glutamine. <i>Science</i> , 2015, 347, 194-198.	12.6	585
3	The Hippo signaling pathway in stem cell biology and cancer. <i>EMBO Reports</i> , 2014, 15, 642-656.	4.5	532
4	Alternative Wnt Signaling Activates YAP/TAZ. <i>Cell</i> , 2015, 162, 780-794.	28.9	528
5	Cellular energy stress induces AMPK-mediated regulation of YAP and the Hippo pathway. <i>Nature Cell Biology</i> , 2015, 17, 500-510.	10.3	421
6	MAP4K family kinases act in parallel to MST1/2 to activate LATS1/2 in the Hippo pathway. <i>Nature Communications</i> , 2015, 6, 8357.	12.8	388
7	Molecular Mechanism of Pancreatic and Salivary Gland Fluid and HCO ₃ ⁻ Secretion. <i>Physiological Reviews</i> , 2012, 92, 39-74.	28.8	323
8	A YAP/TAZ-induced feedback mechanism regulates Hippo pathway homeostasis. <i>Genes and Development</i> , 2015, 29, 1271-1284.	5.9	278
9	Protein kinase A activates the Hippo pathway to modulate cell proliferation and differentiation. <i>Genes and Development</i> , 2013, 27, 1223-1232.	5.9	269
10	RAP2 mediates mechanoresponses of the Hippo pathway. <i>Nature</i> , 2018, 560, 655-660.	27.8	266
11	Regulation of the Hippo Pathway Transcription Factor TEAD. <i>Trends in Biochemical Sciences</i> , 2017, 42, 862-872.	7.5	218
12	Cancer Metabolism: Phenotype, Signaling and Therapeutic Targets. <i>Cells</i> , 2020, 9, 2308.	4.1	211
13	Dynamic Regulation of CFTR Bicarbonate Permeability by [Cl ⁻] _i and Its Role in Pancreatic Bicarbonate Secretion. <i>Gastroenterology</i> , 2010, 139, 620-631.	1.3	172
14	Regulation of TEAD Transcription Factors in Cancer Biology. <i>Cells</i> , 2019, 8, 600.	4.1	159
15	Regulation of Hippo pathway transcription factor TEAD by p38 MAPK-induced cytoplasmic translocation. <i>Nature Cell Biology</i> , 2017, 19, 996-1002.	10.3	153
16	Dynamic modulation of ANO1/TMEM16A HCO ₃ ⁻ permeability by Ca ²⁺ /calmodulin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 360-365.	7.1	152
17	Mechanisms of CFTR Functional Variants That Impair Regulated Bicarbonate Permeation and Increase Risk for Pancreatitis but Not for Cystic Fibrosis. <i>PLoS Genetics</i> , 2014, 10, e1004376.	3.5	146
18	The Role of Hippo Pathway in Cancer Stem Cell Biology. <i>Molecules and Cells</i> , 2018, 41, 83-92.	2.6	140

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19	Regulation of the Hippo pathway and implications for anticancer drug development. Trends in Pharmacological Sciences, 2013, 34, 581-589.	8.7	100
20	Rag GTPases are cardioprotective by regulating lysosomal function. Nature Communications, 2014, 5, 4241.	12.8	73
21	eIF5A-PEAK1 Signaling Regulates YAP1/TAZ Protein Expression and Pancreatic Cancer Cell Growth. Cancer Research, 2017, 77, 1997-2007.	0.9	57
22	Regulation of the Hippo pathway in cancer biology. Cellular and Molecular Life Sciences, 2018, 75, 2303-2319.	5.4	57
23	Volume Adaptation Controls Stem Cell Mechanotransduction. ACS Applied Materials & Interfaces, 2019, 11, 45520-45530.	8.0	57
24	Opposite regulatory effects of TRPC1 and TRPC5 on neurite outgrowth in PC12 cells. Cellular Signalling, 2012, 24, 899-906.	3.6	43
25	MST1 Negatively Regulates TNF α -Induced NF- κ B Signaling through Modulating LUBAC Activity. Molecular Cell, 2019, 73, 1138-1149.e6.	9.7	39
26	<i>O</i> -GlcNAcylation on LATS2 disrupts the Hippo pathway by inhibiting its activity. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 14259-14269.	7.1	36
27	Serine-threonine kinase with-no-lysine 4 (WNK4) controls blood pressure via transient receptor potential canonical 3 (TRPC3) in the vasculature. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 10750-10755.	7.1	34
28	Synaptic Scaffolding Molecule Binds to and Regulates Vasoactive Intestinal Polypeptide Type-1 Receptor in Epithelial Cells. Gastroenterology, 2009, 137, 607-617.e4.	1.3	30
29	Transepithelial Bicarbonate Secretion: Lessons from the Pancreas. Cold Spring Harbor Perspectives in Medicine, 2012, 2, a009571-a009571.	6.2	30
30	Three-dimensional imaging of cell and extracellular matrix elasticity using quantitative micro-elastography. Biomedical Optics Express, 2020, 11, 867.	2.9	30
31	Regulation of CFTR Bicarbonate Channel Activity by WNK1: Implications for Pancreatitis and CFTR-Related Disorders. Cellular and Molecular Gastroenterology and Hepatology, 2020, 9, 79-103.	4.5	27
32	Discovery of orally active indirubin-3 α -oxime derivatives as potent type 1 FLT3 inhibitors for acute myeloid leukemia. European Journal of Medicinal Chemistry, 2020, 195, 112205.	5.5	21
33	β Pix Up-regulates Na ⁺ /H ⁺ Exchanger 3 through a Shank2-mediated Protein-Protein Interaction. Journal of Biological Chemistry, 2010, 285, 8104-8113.	3.4	20
34	Hot Spot Analysis of YAP-TEAD Protein-Protein Interaction Using the Fragment Molecular Orbital Method and Its Application for Inhibitor Discovery. Cancers, 2021, 13, 4246.	3.7	18
35	Enantioselective induction of SIRT1 gene by syringaresinol from Panax ginseng berry and Acanthopanax senticosus Harms stem. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 307-309.	2.2	15
36	Deregulation and Therapeutic Potential of the Hippo Pathway in Cancer. Annual Review of Cancer Biology, 2018, 2, 59-79.	4.5	14

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37	Hypersensitivity to DNA double-strand breaks associated with PARC deficiency is suppressed by exo- and pol-1 mutations in <i>Caenorhabditis elegans</i> . <i>FEBS Journal</i> , 2020, 287, 1101-1115.	4.7	10
38	Expression of Anion Exchangers in Cultured Human Endolymphatic Sac Epithelia. <i>Otology and Neurotology</i> , 2012, 33, 1664-1671.	1.3	7
39	WNK4 inhibits plasma membrane targeting of NCC through regulation of syntaxin13 SNARE formation. <i>Cellular Signalling</i> , 2013, 25, 2469-2477.	3.6	7
40	Classifying the Linkage between Adipose Tissue Inflammation and Tumor Growth through Cancer-Associated Adipocytes. <i>Molecules and Cells</i> , 2020, 43, 763-773.	2.6	4
41	PDZ-based adaptor proteins in epithelial anion transport and VIP receptor regulation. <i>Journal of Medical Investigation</i> , 2009, 56, 302-305.	0.5	2
42	WNK4 kinase negatively regulates the surface expression of Muscarinic M3 receptor. <i>Cellular Signalling</i> , 2011, 23, 566-571.	3.6	1
43	Discovery of indirubin-3-aminooxy-acetamide derivatives as potent and selective FLT3/D835Y mutant kinase inhibitors for acute myeloid leukemia. <i>European Journal of Medicinal Chemistry</i> , 2022, 237, 114356.	5.5	1
44	Dynamic Regulation of Bicarbonate Permeability through CFTR Channel by WNK1. <i>Biophysical Journal</i> , 2020, 118, 416a.	0.5	0