Dae-Sik Lim

List of Publications by Year
in descending order

125 papers	15,110 citations	28274 55 h-index	22166 113 g-index
126 all docs	126 docs citations	126 times ranked	19748 citing authors

#	Article	IF	Citations
1	Airway secretory cell fate conversion via YAPâ€mTORC1â€dependent essential amino acid metabolism. EMBO Journal, 2022, 41, e109365.	7.8	6
2	TRAF6-mediated ubiquitination of MST1/STK4 attenuates the TLR4-NF-ÎºB signaling pathway in macrophages. Cellular and Molecular Life Sciences, 2021, 78, 2315-2328.	5.4	10
3	AMOTL2 mono-ubiquitination by WWP1 promotes contact inhibition by facilitating LATS activation. Life Science Alliance, 2021, 4, e202000953.	2.8	1
4	The Hippo kinase LATS2 impairs pancreatic Î²-cell survival in diabetes through the mTORC1-autophagy axis. Nature Communications, 2021, 12, 4928.	12.8	12
5	Induction of AP-1 by YAP/TAZ contributes to cell proliferation and organ growth. Genes and Development, 2020, 34, 72-86.	5.9	68
6	Distinct fibroblast subsets regulate lacteal integrity through YAP/TAZ-induced VEGF-C in intestinal villi. Nature Communications, 2020, 11, 4102.	12.8	36
7	YAP and AP-1 Cooperate to Initiate Pancreatic Cancer Development from Ductal Cells in Mice. Cancer Research, 2020, 80, 4768-4779.	0.9	27
8	YAP/TAZ direct commitment and maturation of lymph node fibroblastic reticular cells. Nature Communications, 2020, 11, 519.	12.8	35
9	WWC1 and NF2 Prevent the Development of Intrahepatic Cholangiocarcinoma by Regulating YAP/TAZ Activity through LATS in Mice. Molecules and Cells, 2020, 43, 491-499.	2.6	12
10	Abstract IA09: The crosstalk between Hippo-YAP/TAZ and PTEN-AKT signaling in liver metabolic dysregulation and tumorigenesis. , 2020, , .		0
11	Citron kinase interacts with LATS2 and inhibits its activity by occluding its hydrophobic phosphorylation motif. Journal of Molecular Cell Biology, 2019, 11, 1006-1017.	3.3	4
12	A MST1â€"FOXO1 cascade establishes endothelial tip cell polarity and facilitates sprouting angiogenesis. Nature Communications, 2019, 10, 838.	12.8	65
13	LATS1 but not LATS2 represses autophagy by a kinase-independent scaffold function. Nature Communications, 2019, 10, 5755.	12.8	36
14	Hippo Pathway Kinase Mst1 Is Required for Long-Lived Humoral Immunity. Journal of Immunology, 2019, 202, 69-78.	0.8	21
15	Hippo Deficiency Leads to Cardiac Dysfunction Accompanied by Cardiomyocyte Dedifferentiation During Pressure Overload. Circulation Research, 2019, 124, 292-305.	4.5	82
16	YAP and TAZ Negatively Regulate Prox1 During Developmental and Pathologic Lymphangiogenesis. Circulation Research, 2019, 124, 225-242.	4.5	67
17	BIG2-ARF1-RhoA-mDia1 Signaling Regulates Dendritic Golgi Polarization in Hippocampal Neurons. Molecular Neurobiology, 2018, 55, 7701-7716.	4.0	21
18	YAP/TAZ Initiates Gastric Tumorigenesis via Upregulation of MYC. Cancer Research, 2018, 78, 3306-3320.	0.9	114

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19	Mammalian sterile 20 kinase 1 and 2 are important regulators of hematopoietic stem cells in stress condition. Scientific Reports, 2018, 8, 942.	3.3	11
20	Differential Expression of NF2 in Neuroepithelial Compartments Is Necessary for Mammalian Eye Development. Developmental Cell, 2018, 44, 13-28.e3.	7.0	20
21	Hippo-mediated suppression of IRS2/AKT signaling prevents hepatic steatosis and liver cancer. Journal of Clinical Investigation, 2018, 128, 1010-1025.	8.2	133
22	Depletion of MOB1A/B causes intestinal epithelial degeneration by suppressing Wnt activity and activating BMP/TGF-Î² signaling. Cell Death and Disease, 2018, 9, 1083.	6.3	17
23	Sensorless Speed Control of Diesel-Generator Systems Based on Multiple SOGI-FLLs. , 2018, , .		2
24	The Hippo pathway effector TAZ induces TEAD-dependent liver inflammation and tumors. Science Signaling, 2018, 11, .	3.6	68
25	SURF4 has oncogenic potential in NIH3T3 cells. Biochemical and Biophysical Research Communications, 2018, 502, 43-47.	2.1	8
26	Insulin receptor substrate 2: a bridge between Hippo and AKT pathways. BMB Reports, 2018, 51, 209-210.	2.4	14
27	NDR1-Dependent Regulation of Kindlin-3 Controls High-Affinity LFA-1 Binding and Immune Synapse Organization. Molecular and Cellular Biology, 2017, 37, .	2.3	37
28	Genetic ablation of the mammalian sterile-20 like kinase 1 (Mst1) improves cell reprogramming efficiency and increases induced pluripotent stem cell proliferation and survival. Stem Cell Research, 2017, 20, 42-49.	0.7	12
29	The novel YAP target gene, SGK1, upregulates TAZ activity by blocking GSK3Î²-mediated TAZ destabilization. Biochemical and Biophysical Research Communications, 2017, 490, 650-656.	2.1	10
30	<scp>MRTF</scp> potentiates <scp>TEAD</scp>â€<scp>YAP</scp> transcriptional activity causing metastasis. EMBO Journal, 2017, 36, 520-535.	7.8	90
31	Mechanical cueâ€induced <scp>YAP</scp> instructs Skp2â€dependent cell cycle exit and oncogenic signaling. EMBO Journal, 2017, 36, 2510-2528.	7.8	58
32	Hippo effector YAP directly regulates the expression of PD-L1 transcripts in EGFR-TKI-resistant lung adenocarcinoma. Biochemical and Biophysical Research Communications, 2017, 491, 493-499.	2.1	127
33	Prostaglandin E2 Activates YAP and a Positive-Signaling Loop to Promote Colon Regeneration After Colitis but Also Carcinogenesis in Mice. Gastroenterology, 2017, 152, 616-630.	1.3	104
34	YAP/TAZ regulates sprouting angiogenesis and vascular barrier maturation. Journal of Clinical Investigation, 2017, 127, 3441-3461.	8.2	282
35	Role of Angiomotinâ€like 2 monoâ€ubiquitination on YAP inhibition. EMBO Reports, 2016, 17, 64-78.	4.5	46
36	The E3 ubiquitin ligase CHIP selectively regulates mutant epidermal growth factor receptor by ubiquitination and degradation. Biochemical and Biophysical Research Communications, 2016, 479, 152-158.	2.1	21

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37	LATS-YAP/TAZ controls lineage specification by regulating TGFÎ² signaling and Hnf4Î± expression during liver development. Nature Communications, 2016, 7, 11961.	12.8	155
38	The Hippo-Salvador signaling pathway regulates renal tubulointerstitial fibrosis. Scientific Reports, 2016, 6, 31931.	3.3	62
39	The SRF-YAP-IL6 axis promotes breast cancer stemness. Cell Cycle, 2016, 15, 1311-1312.	2.6	21
40	Injury-Mediated Vascular Regeneration Requires Endothelial ER71/ETV2. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 86-96.	2.4	54
41	MST1-dependent vesicle trafficking regulates neutrophil transmigration through the vascular basement membrane. Journal of Clinical Investigation, 2016, 126, 4125-4139.	8.2	50
42	An evolutionarily conserved negative feedback mechanism in the Hippo pathway reflects functional difference between LATS1 and LATS2. Oncotarget, 2016, 7, 24063-24075.	1.8	42
43	A basal-like breast cancer-specific role for SRFâ€"IL6 in YAP-induced cancer stemness. Nature Communications, 2015, 6, 10186.	12.8	144
44	Feeding and Fasting Signals Converge on the LKB1-SIK3 Pathway to Regulate Lipid Metabolism in Drosophila. PLoS Genetics, 2015, 11, e1005263.	3.5	76
45	Cellular energy stress induces AMPK-mediated regulation of YAP and the Hippo pathway. Nature Cell Biology, 2015, 17, 500-510.	10.3	421
46	Transcriptional Co-repressor Function of the Hippo Pathway Transducers YAP and TAZ. Cell Reports, 2015, 11, 270-282.	6.4	234
47	Mst2 Controls Bone Homeostasis by Regulating Osteoclast and Osteoblast Differentiation. Journal of Bone and Mineral Research, 2015, 30, 1597-1607.	2.8	26
48	Mouse Hepatic Tumor Vascular Imaging by Experimental Selective Angiography. PLoS ONE, 2015, 10, e0131687.	2.5	5
49	The Mammalian Ste20-like Kinase 2 (Mst2) Modulates Stress-induced Cardiac Hypertrophy. Journal of Biological Chemistry, 2014, 289, 24275-24288.	3.4	26
50	A functional interaction between Hippo-YAP signalling and FoxO1 mediates the oxidative stress response. Nature Communications, 2014, 5, 3315.	12.8	209
51	The MST1/2-SAV1 complex of the Hippo pathway promotes ciliogenesis. Nature Communications, 2014, 5, 5370.	12.8	64
52	577: Lats1 knockout mouse model recapitulating human dedifferentiated liposarcoma. European Journal of Cancer, 2014, 50, S139.	2.8	0
53	MST1 functions as a key modulator of neurodegeneration in a mouse model of ALS. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 12066-12071.	7.1	84
54	SOX2 Regulates YAP1 to Maintain Stemness and Determine Cell Fate in the Osteo-Adipo Lineage. Cell Reports, 2013, 3, 2075-2087.	6.4	180

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55	Real-time single-molecule co-immunoprecipitation analyses reveal cancer-specific Ras signalling dynamics. Nature Communications, 2013, 4, 1505.	12.8	66
56	Yap- and Cdc42-Dependent Nephrogenesis and Morphogenesis during Mouse Kidney Development. PLoS Genetics, 2013, 9, e1003380.	3.5	239
57	Mst1 inhibits autophagy by promoting the interaction between Beclin1 and Bcl-2. Nature Medicine, 2013, 19, 1478-1488.	30.7	426
58	Hippo-Foxa2 signaling pathway plays a role in peripheral lung maturation and surfactant homeostasis. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 7732-7737.	7.1	73
59	RAF kinase inhibitor-independent constitutive activation of Yes-associated protein 1 promotes tumor progression in thyroid cancer. Oncogenesis, 2013, 2, e55-e55.	4.9	26
60	cAMP/PKA signalling reinforces the LATSâ€"YAP pathway to fully suppress YAP in response to actin cytoskeletal changes. EMBO Journal, 2013, 32, 1543-1555.	7.8	177
61	Hippo and Mouse Models for Cancer. , 2013, , 225-247.		2
62	Reversing the Intractable Nature of Pancreatic Cancer by Selectively Targeting ALDH-High, Therapy-Resistant Cancer Cells. PLoS ONE, 2013, 8, e78130.	2.5	47
63	Ablation of Rassf2 induces bone defects and subsequent haematopoietic anomalies in mice. EMBO Journal, 2012, 31, 1147-1159.	7.8	36
64	Transcription Factors ER71/ETV2 and SOX9 Participate in a Positive Feedback Loop in Fetal and Adult Mouse Testis. Journal of Biological Chemistry, 2012, 287, 23657-23666.	3.4	32
65	ER71 specifies Flk-1+ hemangiogenic mesoderm by inhibiting cardiac mesoderm and Wnt signaling. Blood, 2012, 119, 3295-3305.	1.4	71
66	Thioredoxin-1 functions as a molecular switch regulating the oxidative stress-induced activation of MST1. Free Radical Biology and Medicine, 2012, 53, 2335-2343.	2.9	38
67	In Situ Quantitative Imaging of Single-Molecule Co-Immunoprecipitation. Biophysical Journal, 2012, 102, 600a.	0.5	0
68	Mammalian Sterile 20â€"like Kinase 1 Suppresses Lymphoma Development by Promoting Faithful Chromosome Segregation. Cancer Research, 2012, 72, 5386-5395.	0.9	37
69	Retrotransposon-specific DNA hypomethylation and two-step loss-of-imprinting during WW45 haploinsufficiency-induced hepatocarcinogenesis. Biochemical and Biophysical Research Communications, 2011, 404, 728-734.	2.1	10
70	Cross-Regulation between Oncogenic BRAFV600E Kinase and the MST1 Pathway in Papillary Thyroid Carcinoma. PLoS ONE, 2011, 6, e16180.	2.5	36
71	Pancreatic adenocarcinoma upregulated factor promotes metastasis by regulating TLR/CXCR4 activation. Oncogene, 2011, 30, 201-211.	5.9	78
72	Daxx mediates activation-induced cell death in microglia by triggering MST1 signalling. EMBO Journal, 2011, 30, 2465-2476.	7.8	44

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73	The Er71 Is an Important Regulator of Hematopoietic Stem Cells in Adult Mice. Stem Cells, 2011, 29, 539-548.	3.2	27
74	Predisposition to Cancer Caused by Genetic and Functional Defects of Mammalian Atad5. PLoS Genetics, 2011, 7, e1002245.	3.5	73
75	The protease inhibitor, elafin, induces p53â€dependent apoptosis in human melanoma cells. International Journal of Cancer, 2010, 127, 1308-1320.	5.1	20
76	MST1 Limits the Kinase Activity of Aurora B to Promote Stable Kinetochore-Microtubule Attachment. Current Biology, 2010, 20, 416-422.	3.9	48
77	Male-like sexual behavior of female mouse lacking fucose mutarotase. BMC Genetics, 2010, 11, 62.	2.7	10
78	PAUF functions in the metastasis of human pancreatic cancer cells and upregulates CXCR4 expression. Oncogene, 2010, 29, 56-67.	5.9	53
79	The Hippoâ€“Salvador pathway restrains hepatic oval cell proliferation, liver size, and liver tumorigenesis. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 8248-8253.	7.1	416
80	Tumor Suppressor Ras Association Domain Family 5 (RASSF5/NORE1) Mediates Death Receptor Ligand-induced Apoptosis. Journal of Biological Chemistry, 2010, 285, 35029-35038.	3.4	70
81	Role of the tumor suppressor RASSF2 in regulation of MST1 kinase activity. Biochemical and Biophysical Research Communications, 2010, 391, 969-973.	2.1	57
82	Mst1-FoxO Signaling Protects NaÃ¯ve T Lymphocytes from Cellular Oxidative Stress in Mice. PLoS ONE, 2009, 4, e8011.	2.5	107
83	Aurora Bâ€“Mediated Phosphorylation of RASSF1A Maintains Proper Cytokinesis by Recruiting Syntaxin16 to the Midzone and Midbody. Cancer Research, 2009, 69, 8540-8544.	0.9	36
84	Crucial Role for Mst1 and Mst2 Kinases in Early Embryonic Development of the Mouse. Molecular and Cellular Biology, 2009, 29, 6309-6320.	2.3	115
85	Aurora A Regulates Prometaphase Progression by Inhibiting the Ability of RASSF1A to Suppress APC-Cdc20 Activity. Cancer Research, 2009, 69, 2314-2323.	0.9	49
86	Cancer-Upregulated Gene 2 (CUG2), a New Component of Centromere Complex, Is Required for Kinetochore Function. Molecules and Cells, 2009, 27, 697-702.	2.6	36
87	An HDAC inhibitor, trichostatin A, induces a delay at G2/M transition, slippage of spindle checkpoint, and cell death in a transcription-dependent manner. Biochemical and Biophysical Research Communications, 2009, 378, 326-331.	2.1	66
88	A novel role for methyl CpG-binding domain protein 3, a component of the histone deacetylase complex, in regulation of cell cycle progression and cell death. Biochemical and Biophysical Research Communications, 2009, 378, 332-337.	2.1	11
89	SKP2 and CKS1 Promote Degradation of Cell Cycle Regulators and Are Associated With Hepatocellular Carcinoma Prognosis. Gastroenterology, 2009, 137, 1816-1826.e10.	1.3	95
90	The tumour suppressor RASSF1A promotes MDM2 self-ubiquitination by disrupting the MDM2â€“DAXXâ€“HAUSP complex. EMBO Journal, 2008, 27, 1863-1874.	7.8	121

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91	A crucial role of WW45 in developing epithelial tissues in the mouse. EMBO Journal, 2008, 27, 1231-1242.	7.8	181
92	TMPRSS4 promotes invasion, migration and metastasis of human tumor cells by facilitating an epithelialâ€"mesenchymal transition. Oncogene, 2008, 27, 2635-2647.	5.9	136
93	Skp2 regulates the antiproliferative function of the tumor suppressor RASSF1A via ubiquitin-mediated degradation at the G1â€"S transition. Oncogene, 2008, 27, 3176-3185.	5.9	61
94	ER71 Acts Downstream of BMP, Notch, and Wnt Signaling in Blood and Vessel Progenitor Specification. Cell Stem Cell, 2008, 2, 497-507.	11.1	294
95	Negative Feedback Regulation of Aurora-A via Phosphorylation of Fas-associated Factor-1. Journal of Biological Chemistry, 2008, 283, 32344-32351.	3.4	19
96	Structural insight into dimeric interaction of the SARAH domains from Mst1 and RASSF family proteins in the apoptosis pathway. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 9236-9241.	7.1	124
97	Dual role of Nbs1 in the ataxia telangiectasia mutated-dependent DNA damage response. FEBS Journal, 2006, 273, 1630-1636.	4.7	12
98	Role of the Tumor Suppressor RASSF1A in Mst1-Mediated Apoptosis. Cancer Research, 2006, 66, 2562-2569.	0.9	167
99	Mouse emi1 Has an Essential Function in Mitotic Progression during Early Embryogenesis. Molecular and Cellular Biology, 2006, 26, 5373-5381.	2.3	47
100	T-type calcium channel trigger p21ras signaling pathway to ERK in Cav3.1-expressed HEK293 cells. Brain Research, 2005, 1054, 22-29.	2.2	14
101	RASSF1A is not appropriate as an early detection marker or a prognostic marker for nonâ€small cell lung cancer. International Journal of Cancer, 2005, 115, 575-581.	5.1	22
102	The Centrosomal Protein RAS Association Domain Family Protein 1A (RASSF1A)-binding Protein 1 Regulates Mitotic Progression by Recruiting RASSF1A to Spindle Poles. Journal of Biological Chemistry, 2005, 280, 3920-3927.	3.4	57
103	Control of APC-Cdc20 by the Tumor Suppressor RASSF1A. Cell Cycle, 2004, 3, 572-574.	2.6	22
104	The tumour suppressor RASSF1A regulates mitosis by inhibiting the APCâ€"Cdc20 complex. Nature Cell Biology, 2004, 6, 129-137.	10.3	287
105	Analysis of ataxia-telangiectasia mutated (ATM)- and Nijmegen breakage syndrome (NBS)-regulated gene expression patterns. Journal of Cancer Research and Clinical Oncology, 2004, 130, 225-234.	2.5	11
106	Control of APC-Cdc20 by the tumor suppressor RASSF1A. Cell Cycle, 2004, 3, 574-6.	2.6	9
107	Chromatin Association of Rad17 Is Required for an Ataxia Telangiectasia and Rad-Related Kinase-Mediated S-Phase Checkpoint in Response to Low-Dose Ultraviolet Radiation. Molecular Cancer Research, 2004, 2, 362-369.	3.4	27
108	Association of hepatitis B virus polymerase with promyelocytic leukemia nuclear bodies mediated by the S100 family protein p11. Biochemical and Biophysical Research Communications, 2003, 305, 1049-1056.	2.1	29

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109	Distinct functions of Nijmegen breakage syndrome in ataxia telangiectasia mutated-dependent responses to DNA damage. Molecular Cancer Research, 2003, 1, 674-81.	3.4	53
110	Two Molecularly Distinct G 2 /M Checkpoints Are Induced by Ionizing Irradiation. Molecular and Cellular Biology, 2002, 22, 1049-1059.	2.3	449
111	Construction of two pGEM-7Zf(+) phagemid T-tail vectors using AhdI-restriction endonuclease sites for direct cloning of PCR products. Plasmid, 2002, 48, 160-163.	1.4	15
112	Ionizing radiation activates the ATM kinase throughout the cell cycle. Oncogene, 2000, 19, 1386-1391.	5.9	151
113	ATM phosphorylates p95/nbs1 in an S-phase checkpoint pathway. Nature, 2000, 404, 613-617.	27.8	738
114	The many substrates and functions of ATM. Nature Reviews Molecular Cell Biology, 2000, 1, 179-186.	37.0	691
115	Analysis of <i>ku80</i>-Mutant Mice and Cells with Deficient Levels of p53. Molecular and Cellular Biology, 2000, 20, 3772-3780.	2.3	160
116	Multiple Signaling Pathways Involving ATM. Cold Spring Harbor Symposia on Quantitative Biology, 2000, 65, 521-526.	1.1	48
117	Deletion of Ku86 causes early onset of senescence in mice. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 10770-10775.	7.1	350
118	Caspase-3-dependent Cleavage of Bcl-2 Promotes Release of Cytochrome c. Journal of Biological Chemistry, 1999, 274, 21155-21161.	3.4	390
119	Substrate Specificities and Identification of Putative Substrates of ATM Kinase Family Members. Journal of Biological Chemistry, 1999, 274, 37538-37543.	3.4	677
120	The role of ATM in DNA damage responses and cancer. Oncogene, 1998, 17, 3301-3308.	5.9	154
121	Activation of the ATM Kinase by Ionizing Radiation and Phosphorylation of p53. , 1998, 281, 1677-1679.		1,754
122	ATM binds to Â-adaptin in cytoplasmic vesicles. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 10146-10151.	7.1	175
123	Embryonic lethality and radiation hypersensitivity mediated by Rad51 in mice lacking Brca2. Nature, 1997, 386, 804-810.	27.8	995
124	Ku86-Deficient Mice Exhibit Severe Combined Immunodeficiency and Defective Processing of V(D)J Recombination Intermediates. Cell, 1996, 86, 379-389.	28.9	413
125	Differential Expression of NF2 in Neuroepithelial Compartments Is Necessary for Mammalian Eye Development. SSRN Electronic Journal, 0, , .	0.4	0