

Dae-Sik Lim

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

117 papers	12,601 citations	50 h-index	112 g-index
126 ext. papers	13,934 ext. citations	10.1 avg, IF	5.94 L-index

#	Paper	IF	Citations
117	Airway secretory cell fate conversion via YAP-mTORC1-dependent essential amino acid metabolism.. <i>EMBO Journal</i> , 2022 , e109365	13	1
116	TRAF6-mediated ubiquitination of MST1/STK4 attenuates the TLR4-NF- κ B signaling pathway in macrophages. <i>Cellular and Molecular Life Sciences</i> , 2021 , 78, 2315-2328	10.3	3
115	The Hippo kinase LATS2 impairs pancreatic β cell survival in diabetes through the mTORC1-autophagy axis. <i>Nature Communications</i> , 2021 , 12, 4928	17.4	5
114	YAP/TAZ direct commitment and maturation of lymph node fibroblastic reticular cells. <i>Nature Communications</i> , 2020 , 11, 519	17.4	17
113	WWC1 and NF2 Prevent the Development of Intrahepatic Cholangiocarcinoma by Regulating YAP/TAZ Activity through LATS in Mice. <i>Molecules and Cells</i> , 2020 , 43, 491-499	3.5	8
112	Induction of AP-1 by YAP/TAZ contributes to cell proliferation and organ growth. <i>Genes and Development</i> , 2020 , 34, 72-86	12.6	32
111	Distinct fibroblast subsets regulate lacteal integrity through YAP/TAZ-induced VEGF-C in intestinal villi. <i>Nature Communications</i> , 2020 , 11, 4102	17.4	8
110	YAP and AP-1 Cooperate to Initiate Pancreatic Cancer Development from Ductal Cells in Mice. <i>Cancer Research</i> , 2020 , 80, 4768-4779	10.1	10
109	Citron kinase interacts with LATS2 and inhibits its activity by occluding its hydrophobic phosphorylation motif. <i>Journal of Molecular Cell Biology</i> , 2019 , 11, 1006-1017	6.3	2
108	A MST1-FOXO1 cascade establishes endothelial tip cell polarity and facilitates sprouting angiogenesis. <i>Nature Communications</i> , 2019 , 10, 838	17.4	34
107	LATS1 but not LATS2 represses autophagy by a kinase-independent scaffold function. <i>Nature Communications</i> , 2019 , 10, 5755	17.4	22
106	Hippo Pathway Kinase Mst1 Is Required for Long-Lived Humoral Immunity. <i>Journal of Immunology</i> , 2019 , 202, 69-78	5.3	5
105	Hippo Deficiency Leads to Cardiac Dysfunction Accompanied by Cardiomyocyte Dedifferentiation During Pressure Overload. <i>Circulation Research</i> , 2019 , 124, 292-305	15.7	41
104	YAP and TAZ Negatively Regulate Prox1 During Developmental and Pathologic Lymphangiogenesis. <i>Circulation Research</i> , 2019 , 124, 225-242	15.7	40
103	BIG2-ARF1-RhoA-mDia1 Signaling Regulates Dendritic Golgi Polarization in Hippocampal Neurons. <i>Molecular Neurobiology</i> , 2018 , 55, 7701-7716	6.2	11
102	YAP/TAZ Initiates Gastric Tumorigenesis via Upregulation of MYC. <i>Cancer Research</i> , 2018 , 78, 3306-3320	10.1	71
101	Mammalian sterile 20 kinase 1 and 2 are important regulators of hematopoietic stem cells in stress condition. <i>Scientific Reports</i> , 2018 , 8, 942	4.9	4

100	Differential Expression of NF2 in Neuroepithelial Compartments Is Necessary for Mammalian Eye Development. <i>Developmental Cell</i> , 2018 , 44, 13-28.e3	10.2	16
99	Hippo-mediated suppression of IRS2/AKT signaling prevents hepatic steatosis and liver cancer. <i>Journal of Clinical Investigation</i> , 2018 , 128, 1010-1025	15.9	81
98	Depletion of MOB1A/B causes intestinal epithelial degeneration by suppressing Wnt activity and activating BMP/TGF- β signaling. <i>Cell Death and Disease</i> , 2018 , 9, 1083	9.8	13
97	The Hippo pathway effector TAZ induces TEAD-dependent liver inflammation and tumors. <i>Science Signaling</i> , 2018 , 11,	8.8	43
96	SURF4 has oncogenic potential in NIH3T3 cells. <i>Biochemical and Biophysical Research Communications</i> , 2018 , 502, 43-47	3.4	3
95	NDR1-Dependent Regulation of Kindlin-3 Controls High-Affinity LFA-1 Binding and Immune Synapse Organization. <i>Molecular and Cellular Biology</i> , 2017 , 37,	4.8	23
94	Genetic ablation of the mammalian sterile-20 like kinase 1 (Mst1) improves cell reprogramming efficiency and increases induced pluripotent stem cell proliferation and survival. <i>Stem Cell Research</i> , 2017 , 20, 42-49	1.6	8
93	The novel YAP target gene, SGK1, upregulates TAZ activity by blocking GSK3 β -mediated TAZ destabilization. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 490, 650-656	3.4	8
92	MRTF potentiates TEAD-YAP transcriptional activity causing metastasis. <i>EMBO Journal</i> , 2017 , 36, 520-535	3.3	63
91	Mechanical cue-induced YAP instructs Skp2-dependent cell cycle exit and oncogenic signaling. <i>EMBO Journal</i> , 2017 , 36, 2510-2528	13	38
90	Hippo effector YAP directly regulates the expression of PD-L1 transcripts in EGFR-TKI-resistant lung adenocarcinoma. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 491, 493-499	3.4	80
89	Prostaglandin E Activates YAP and a Positive-Signaling Loop to Promote Colon Regeneration After Colitis but Also Carcinogenesis in Mice. <i>Gastroenterology</i> , 2017 , 152, 616-630	13.3	77
88	YAP/TAZ regulates sprouting angiogenesis and vascular barrier maturation. <i>Journal of Clinical Investigation</i> , 2017 , 127, 3441-3461	15.9	188
87	LATS-YAP/TAZ controls lineage specification by regulating TGF β signaling and Hnf4 α expression during liver development. <i>Nature Communications</i> , 2016 , 7, 11961	17.4	107
86	The Hippo-Salvador signaling pathway regulates renal tubulointerstitial fibrosis. <i>Scientific Reports</i> , 2016 , 6, 31931	4.9	51
85	Injury-Mediated Vascular Regeneration Requires Endothelial ER71/ETV2. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016 , 36, 86-96	9.4	36
84	MST1-dependent vesicle trafficking regulates neutrophil transmigration through the vascular basement membrane. <i>Journal of Clinical Investigation</i> , 2016 , 126, 4125-4139	15.9	41
83	An evolutionarily conserved negative feedback mechanism in the Hippo pathway reflects functional difference between LATS1 and LATS2. <i>Oncotarget</i> , 2016 , 7, 24063-75	3.3	27

82	Role of Angiotensin-like 2 mono-ubiquitination on YAP inhibition. <i>EMBO Reports</i> , 2016 , 17, 64-78	6.5	34
81	The E3 ubiquitin ligase CHIP selectively regulates mutant epidermal growth factor receptor by ubiquitination and degradation. <i>Biochemical and Biophysical Research Communications</i> , 2016 , 479, 152-158	3.4	14
80	Feeding and Fasting Signals Converge on the LKB1-SIK3 Pathway to Regulate Lipid Metabolism in <i>Drosophila</i> . <i>PLoS Genetics</i> , 2015 , 11, e1005263	6	53
79	Cellular energy stress induces AMPK-mediated regulation of YAP and the Hippo pathway. <i>Nature Cell Biology</i> , 2015 , 17, 500-10	23.4	311
78	Transcriptional co-repressor function of the hippo pathway transducers YAP and TAZ. <i>Cell Reports</i> , 2015 , 11, 270-82	10.6	164
77	Mst2 Controls Bone Homeostasis by Regulating Osteoclast and Osteoblast Differentiation. <i>Journal of Bone and Mineral Research</i> , 2015 , 30, 1597-607	6.3	18
76	A basal-like breast cancer-specific role for SRF-IL6 in YAP-induced cancer stemness. <i>Nature Communications</i> , 2015 , 6, 10186	17.4	105
75	Mouse Hepatic Tumor Vascular Imaging by Experimental Selective Angiography. <i>PLoS ONE</i> , 2015 , 10, e0131687	3.7	3
74	The MST1/2-SAV1 complex of the Hippo pathway promotes ciliogenesis. <i>Nature Communications</i> , 2014 , 5, 5370	17.4	46
73	The mammalian Ste20-like kinase 2 (Mst2) modulates stress-induced cardiac hypertrophy. <i>Journal of Biological Chemistry</i> , 2014 , 289, 24275-88	5.4	17
72	A functional interaction between Hippo-YAP signalling and FoxO1 mediates the oxidative stress response. <i>Nature Communications</i> , 2014 , 5, 3315	17.4	153
71	MST1 functions as a key modulator of neurodegeneration in a mouse model of ALS. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 12066-71	11.5	72
70	SOX2 regulates YAP1 to maintain stemness and determine cell fate in the osteo-adipo lineage. <i>Cell Reports</i> , 2013 , 3, 2075-87	10.6	147
69	Real-time single-molecule co-immunoprecipitation analyses reveal cancer-specific Ras signalling dynamics. <i>Nature Communications</i> , 2013 , 4, 1505	17.4	54
68	Yap- and Cdc42-dependent nephrogenesis and morphogenesis during mouse kidney development. <i>PLoS Genetics</i> , 2013 , 9, e1003380	6	182
67	Mst1 inhibits autophagy by promoting the interaction between Beclin1 and Bcl-2. <i>Nature Medicine</i> , 2013 , 19, 1478-88	50.5	344
66	Hippo-Foxa2 signaling pathway plays a role in peripheral lung maturation and surfactant homeostasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 7732-7	11.5	58
65	RAF kinase inhibitor-independent constitutive activation of Yes-associated protein 1 promotes tumor progression in thyroid cancer. <i>Oncogenesis</i> , 2013 , 2, e55	6.6	25

64	cAMP/PKA signalling reinforces the LATS-YAP pathway to fully suppress YAP in response to actin cytoskeletal changes. <i>EMBO Journal</i> , 2013 , 32, 1543-55	13	154
63	Reversing the intractable nature of pancreatic cancer by selectively targeting ALDH-high, therapy-resistant cancer cells. <i>PLoS ONE</i> , 2013 , 8, e78130	3.7	40
62	Hippo and Mouse Models for Cancer 2013 , 225-247		1
61	ER71 specifies Flk-1+ hemangiogenic mesoderm by inhibiting cardiac mesoderm and Wnt signaling. <i>Blood</i> , 2012 , 119, 3295-305	2.2	62
60	Thioredoxin-1 functions as a molecular switch regulating the oxidative stress-induced activation of MST1. <i>Free Radical Biology and Medicine</i> , 2012 , 53, 2335-43	7.8	32
59	Mammalian sterile 20-like kinase 1 suppresses lymphoma development by promoting faithful chromosome segregation. <i>Cancer Research</i> , 2012 , 72, 5386-95	10.1	33
58	Ablation of Rassf2 induces bone defects and subsequent haematopoietic anomalies in mice. <i>EMBO Journal</i> , 2012 , 31, 1147-59	13	29
57	Transcription factors ER71/ETV2 and SOX9 participate in a positive feedback loop in fetal and adult mouse testis. <i>Journal of Biological Chemistry</i> , 2012 , 287, 23657-66	5.4	28
56	Retrotransposon-specific DNA hypomethylation and two-step loss-of-imprinting during WW45 haploinsufficiency-induced hepatocarcinogenesis. <i>Biochemical and Biophysical Research Communications</i> , 2011 , 404, 728-34	3.4	9
55	Cross-regulation between oncogenic BRAF(V600E) kinase and the MST1 pathway in papillary thyroid carcinoma. <i>PLoS ONE</i> , 2011 , 6, e16180	3.7	28
54	Pancreatic adenocarcinoma upregulated factor promotes metastasis by regulating TLR/CXCR4 activation. <i>Oncogene</i> , 2011 , 30, 201-11	9.2	68
53	Daxx mediates activation-induced cell death in microglia by triggering MST1 signalling. <i>EMBO Journal</i> , 2011 , 30, 2465-76	13	38
52	The Er71 is an important regulator of hematopoietic stem cells in adult mice. <i>Stem Cells</i> , 2011 , 29, 539-48	9.8	26
51	Predisposition to cancer caused by genetic and functional defects of mammalian Atad5. <i>PLoS Genetics</i> , 2011 , 7, e1002245	6	55
50	PAUF functions in the metastasis of human pancreatic cancer cells and upregulates CXCR4 expression. <i>Oncogene</i> , 2010 , 29, 56-67	9.2	48
49	The Hippo-Salvador pathway restrains hepatic oval cell proliferation, liver size, and liver tumorigenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 8248-53	11.5	350
48	Tumor suppressor ras association domain family 5 (RASSF5/NORE1) mediates death receptor ligand-induced apoptosis. <i>Journal of Biological Chemistry</i> , 2010 , 285, 35029-38	5.4	60
47	Role of the tumor suppressor RASSF2 in regulation of MST1 kinase activity. <i>Biochemical and Biophysical Research Communications</i> , 2010 , 391, 969-73	3.4	48

46	The protease inhibitor, elafin, induces p53-dependent apoptosis in human melanoma cells. <i>International Journal of Cancer</i> , 2010 , 127, 1308-20	7.5	16
45	MST1 limits the kinase activity of aurora B to promote stable kinetochore-microtubule attachment. <i>Current Biology</i> , 2010 , 20, 416-22	6.3	45
44	Male-like sexual behavior of female mouse lacking fucose mutarotase. <i>BMC Genetics</i> , 2010 , 11, 62	2.6	6
43	Mst1-FoxO signaling protects Naïve T lymphocytes from cellular oxidative stress in mice. <i>PLoS ONE</i> , 2009 , 4, e8011	3.7	95
42	Aurora B-mediated phosphorylation of RASSF1A maintains proper cytokinesis by recruiting Syntaxin16 to the midzone and midbody. <i>Cancer Research</i> , 2009 , 69, 8540-4	10.1	35
41	Crucial role for Mst1 and Mst2 kinases in early embryonic development of the mouse. <i>Molecular and Cellular Biology</i> , 2009 , 29, 6309-20	4.8	101
40	Aurora A regulates prometaphase progression by inhibiting the ability of RASSF1A to suppress APC-Cdc20 activity. <i>Cancer Research</i> , 2009 , 69, 2314-23	10.1	40
39	Cancer-upregulated gene 2 (CUG2), a new component of centromere complex, is required for kinetochore function. <i>Molecules and Cells</i> , 2009 , 27, 697-701	3.5	33
38	An HDAC inhibitor, trichostatin A, induces a delay at G2/M transition, slippage of spindle checkpoint, and cell death in a transcription-dependent manner. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 378, 326-31	3.4	63
37	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. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 378, 332-7	3.4	11
36	SKP2 and CKS1 promote degradation of cell cycle regulators and are associated with hepatocellular carcinoma prognosis. <i>Gastroenterology</i> , 2009 , 137, 1816-26.e1-10	13.3	89
35	The tumour suppressor RASSF1A promotes MDM2 self-ubiquitination by disrupting the MDM2-DAXX-HAUSP complex. <i>EMBO Journal</i> , 2008 , 27, 1863-74	13	106
34	A crucial role of WW45 in developing epithelial tissues in the mouse. <i>EMBO Journal</i> , 2008 , 27, 1231-42	13	167
33	TMPRSS4 promotes invasion, migration and metastasis of human tumor cells by facilitating an epithelial-mesenchymal transition. <i>Oncogene</i> , 2008 , 27, 2635-47	9.2	127
32	Skp2 regulates the antiproliferative function of the tumor suppressor RASSF1A via ubiquitin-mediated degradation at the G1-S transition. <i>Oncogene</i> , 2008 , 27, 3176-85	9.2	57
31	ER71 acts downstream of BMP, Notch, and Wnt signaling in blood and vessel progenitor specification. <i>Cell Stem Cell</i> , 2008 , 2, 497-507	18	246
30	Negative feedback regulation of Aurora-A via phosphorylation of Fas-associated factor-1. <i>Journal of Biological Chemistry</i> , 2008 , 283, 32344-51	5.4	18
29	Structural insight into dimeric interaction of the SARA domains from Mst1 and RASSF family proteins in the apoptosis pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 9236-41	11.5	109

28	Role of the tumor suppressor RASSF1A in Mst1-mediated apoptosis. <i>Cancer Research</i> , 2006 , 66, 2562-9	10.1	156
27	Mouse emi1 has an essential function in mitotic progression during early embryogenesis. <i>Molecular and Cellular Biology</i> , 2006 , 26, 5373-81	4.8	42
26	Dual role of Nbs1 in the ataxia telangiectasia mutated-dependent DNA damage response. <i>FEBS Journal</i> , 2006 , 273, 1630-6	5.7	12
25	T-type calcium channel trigger p21ras signaling pathway to ERK in Cav3.1-expressed HEK293 cells. <i>Brain Research</i> , 2005 , 1054, 22-9	3.7	13
24	RASSF1A is not appropriate as an early detection marker or a prognostic marker for non-small cell lung cancer. <i>International Journal of Cancer</i> , 2005 , 115, 575-81	7.5	18
23	The centrosomal protein RAS association domain family protein 1A (RASSF1A)-binding protein 1 regulates mitotic progression by recruiting RASSF1A to spindle poles. <i>Journal of Biological Chemistry</i> , 2005 , 280, 3920-7	5.4	50
22	Control of APC-Cdc20 by the Tumor Suppressor RASSF1A. <i>Cell Cycle</i> , 2004 , 3, 572-574	4.7	19
21	The tumour suppressor RASSF1A regulates mitosis by inhibiting the APC-Cdc20 complex. <i>Nature Cell Biology</i> , 2004 , 6, 129-37	23.4	259
20	Analysis of ataxia-telangiectasia mutated (ATM)- and Nijmegen breakage syndrome (NBS)-regulated gene expression patterns. <i>Journal of Cancer Research and Clinical Oncology</i> , 2004 , 130, 225-34	4.9	11
19	Control of APC-Cdc20 by the tumor suppressor RASSF1A. <i>Cell Cycle</i> , 2004 , 3, 574-6	4.7	9
18	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. <i>Molecular Cancer Research</i> , 2004 , 2, 362-369	6.6	22
17	Association of hepatitis B virus polymerase with promyelocytic leukemia nuclear bodies mediated by the S100 family protein p11. <i>Biochemical and Biophysical Research Communications</i> , 2003 , 305, 1049-56	2.4	24
16	Distinct functions of Nijmegen breakage syndrome in ataxia telangiectasia mutated-dependent responses to DNA damage. <i>Molecular Cancer Research</i> , 2003 , 1, 674-81	6.6	46
15	Construction of two pGEM-7Zf(+) phagemid T-tail vectors using AhdI-restriction endonuclease sites for direct cloning of PCR products. <i>Plasmid</i> , 2002 , 48, 160-3	3.3	15
14	Two molecularly distinct G(2)/M checkpoints are induced by ionizing irradiation. <i>Molecular and Cellular Biology</i> , 2002 , 22, 1049-59	4.8	410
13	Ionizing radiation activates the ATM kinase throughout the cell cycle. <i>Oncogene</i> , 2000 , 19, 1386-91	9.2	136
12	ATM phosphorylates p95/nbs1 in an S-phase checkpoint pathway. <i>Nature</i> , 2000 , 404, 613-7	50.4	682
11	The many substrates and functions of ATM. <i>Nature Reviews Molecular Cell Biology</i> , 2000 , 1, 179-86	48.7	626

10	Analysis of ku80-mutant mice and cells with deficient levels of p53. <i>Molecular and Cellular Biology</i> , 2000 , 20, 3772-80	4.8	152
9	Multiple signaling pathways involving ATM. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2000 , 65, 521-6	3.9	47
8	Deletion of Ku86 causes early onset of senescence in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999 , 96, 10770-5	11.5	324
7	Caspase-3-dependent cleavage of Bcl-2 promotes release of cytochrome c. <i>Journal of Biological Chemistry</i> , 1999 , 274, 21155-61	5.4	336
6	Substrate specificities and identification of putative substrates of ATM kinase family members. <i>Journal of Biological Chemistry</i> , 1999 , 274, 37538-43	5.4	575
5	The role of ATM in DNA damage responses and cancer. <i>Oncogene</i> , 1998 , 17, 3301-8	9.2	141
4	Activation of the ATM kinase by ionizing radiation and phosphorylation of p53. <i>Science</i> , 1998 , 281, 1677-9	33.3	1551
3	ATM binds to beta-adaptin in cytoplasmic vesicles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998 , 95, 10146-51	11.5	155
2	Embryonic lethality and radiation hypersensitivity mediated by Rad51 in mice lacking Brca2. <i>Nature</i> , 1997 , 386, 804-10	50.4	872
1	Ku86-deficient mice exhibit severe combined immunodeficiency and defective processing of V(D)J recombination intermediates. <i>Cell</i> , 1996 , 86, 379-89	56.2	384