Dung-Fang Lee

List of Publications by Year
in descending order

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92 papers	9,482 citations	70961 41 h-index	56606 83 g-index
95 all docs	95 docs citations	95 times ranked	17993 citing authors

#	Article	IF	Citations
1	IÎºB Kinase Promotes Tumorigenesis through Inhibition of Forkhead FOXO3a. Cell, 2004, 117, 225-237.	13.5	823
2	Patient-specific induced pluripotent stem-cell-derived models of LEOPARD syndrome. Nature, 2010, 465, 808-812.	13.7	672
3	ERK promotes tumorigenesis by inhibiting FOXO3a via MDM2-mediated degradation. Nature Cell Biology, 2008, 10, 138-148.	4.6	590
4	IKKÎ² Suppression of TSC1 Links Inflammation and Tumor Angiogenesis via the mTOR Pathway. Cell, 2007, 130, 440-455.	13.5	585
5	Erk Associates with and Primes GSK-3Î² for Its Inactivation Resulting in Upregulation of Î²-Catenin. Molecular Cell, 2005, 19, 159-170.	4.5	535
6	Wdr5 Mediates Self-Renewal and Reprogramming via the Embryonic Stem Cell Core Transcriptional Network. Cell, 2011, 145, 183-197.	13.5	521
7	KrasG12D-Induced IKK2/Î²/NF-ÎºB Activation by IL-1Î± and p62 Feedforward Loops Is Required for Development of Pancreatic Ductal Adenocarcinoma. Cancer Cell, 2012, 21, 105-120.	7.7	453
8	Degradation of Mcl-1 by Î²-TrCP Mediates Glycogen Synthase Kinase 3-Induced Tumor Suppression and Chemosensitization. Molecular and Cellular Biology, 2007, 27, 4006-4017.	1.1	348
9	KEAP1 E3 Ligase-Mediated Downregulation of NF-ÎºB Signaling by Targeting IKKÎ². Molecular Cell, 2009, 36, 131-140.	4.5	344
10	The Crosstalk of mTOR/S6K1 and Hedgehog Pathways. Cancer Cell, 2012, 21, 374-387.	7.7	322
11	Binding at and transactivation of the COX-2 promoter by nuclear tyrosine kinase receptor ErbB-2. Cancer Cell, 2004, 6, 251-261.	7.7	261
12	Coordination of m 6 A mRNA Methylation and Gene Transcription by ZFP217 Regulates Pluripotency and Reprogramming. Cell Stem Cell, 2015, 17, 689-704.	5.2	249
13	FOXO1 is an essential regulator of pluripotency in human embryonic stem cells. Nature Cell Biology, 2011, 13, 1092-1099.	4.6	231
14	Endosomal Transport of ErbB-2: Mechanism for Nuclear Entry of the Cell Surface Receptor. Molecular and Cellular Biology, 2005, 25, 11005-11018.	1.1	214
15	Modeling Familial Cancer with Induced Pluripotent Stem Cells. Cell, 2015, 161, 240-254.	13.5	191
16	Myeloid Cell Leukemia-1 Inversely Correlates with Glycogen Synthase Kinase-3Î² Activity and Associates with Poor Prognosis in Human Breast Cancer. Cancer Research, 2007, 67, 4564-4571.	0.4	171
17	Down-regulation of Myeloid Cell Leukemia-1 through Inhibiting Erk/Pin 1 Pathway by Sorafenib Facilitates Chemosensitization in Breast Cancer. Cancer Research, 2008, 68, 6109-6117.	0.4	167
18	Phosphorylation/Cytoplasmic Localization of p21Cip1/WAF1 Is Associated with HER2/neu Overexpression and Provides a Novel Combination Predictor for Poor Prognosis in Breast Cancer Patients. Clinical Cancer Research, 2004, 10, 3815-3824.	3.2	150

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19	Tumor-suppressor role for the SPOP ubiquitin ligase in signal-dependent proteolysis of the oncogenic co-activator SRC-3/AIB1. Oncogene, 2011, 30, 4350-4364.	2.6	150
20	Regulation of Embryonic and Induced Pluripotency by Aurora Kinase-p53 Signaling. Cell Stem Cell, 2012, 11, 179-194.	5.2	142
21	Oct4 and Klf4 Reprogram Dermal Papilla Cells into Induced Pluripotent Stem Cells. Stem Cells, 2010, 28, 221-228.	1.4	125
22	Prdm16 is a physiologic regulator of hematopoietic stem cells. Blood, 2011, 117, 5057-5066.	0.6	119
23	Osteosarcoma: Molecular Pathogenesis and iPSC Modeling. Trends in Molecular Medicine, 2017, 23, 737-755.	3.5	119
24	APOBEC3G promotes liver metastasis in an orthotopic mouse model of colorectal cancer and predicts human hepatic metastasis. Journal of Clinical Investigation, 2011, 121, 4526-4536.	3.9	117
25	All Roads Lead to mTOR: Integrating Inflammation and Tumor Angiogenesis. Cell Cycle, 2007, 6, 3011-3014.	1.3	104
26	Advances in Targeting IKK and IKK-Related Kinases for Cancer Therapy. Clinical Cancer Research, 2008, 14, 5656-5662.	3.2	102
27	Subunit 6 of the COP9 signalosome promotes tumorigenesis in mice through stabilization of MDM2 and is upregulated in human cancers. Journal of Clinical Investigation, 2011, 121, 851-865.	3.9	99
28	Single Transcription Factor Reprogramming of Hair Follicle Dermal Papilla Cells to Induced Pluripotent Stem Cells. Stem Cells, 2011, 29, 964-971.	1.4	84
29	IKKÎ± Activation of NOTCH Links Tumorigenesis via FOXA2 Suppression. Molecular Cell, 2012, 45, 171-184.	4.5	83
30	ARD1 Stabilization of TSC2 Suppresses Tumorigenesis Through the mTOR Signaling Pathway. Science Signaling, 2010, 3, ra9.	1.6	82
31	Tex10 Coordinates Epigenetic Control of Super-Enhancer Activity in Pluripotency and Reprogramming. Cell Stem Cell, 2015, 16, 653-668.	5.2	80
32	Myeloid Dysregulation in a Human Induced Pluripotent Stem Cell Model of PTPN11 -Associated Juvenile Myelomonocytic Leukemia. Cell Reports, 2015, 13, 504-515.	2.9	79
33	Epigenetic Roles of MLL Oncoproteins Are Dependent on NF-Î°B. Cancer Cell, 2013, 24, 423-437.	7.7	73
34	IKKÎ² suppression of TSC1 function links the mTOR pathway with insulin resistance. International Journal of Molecular Medicine, 1998, 22, 633-8.	1.8	66
35	AKT1 Inhibits Epithelial-to-Mesenchymal Transition in Breast Cancer through Phosphorylation-Dependent Twist1 Degradation. Cancer Research, 2016, 76, 1451-1462.	0.4	65
36	A Genome-wide RNAi Screen Identifies Opposing Functions of Snai1 and Snai2 on the Nanog Dependency in Reprogramming. Molecular Cell, 2014, 56, 140-152.	4.5	59

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37	Bile Acid Exposure Up-regulates Tuberous Sclerosis Complex 1/Mammalian Target of Rapamycin Pathway in Barrett's-Associated Esophageal Adenocarcinoma. Cancer Research, 2008, 68, 2632-2640.	0.4	58
38	Genomic Profiling and Metabolic Homeostasis in Primary Liver Cancers. Trends in Molecular Medicine, 2018, 24, 395-411.	3.5	58
39	Ihor R. Lemischka (1953â€"2017). Cell, 2018, 172, 1-2.	13.5	54
40	Tbx3 Controls Dppa3 Levels and Exit from Pluripotency toward Mesoderm. Stem Cell Reports, 2015, 5, 97-110.	2.3	52
41	Genomic Editing Tools to Model Human Diseases with Isogenic Pluripotent Stem Cells. Stem Cells and Development, 2014, 23, 2673-2686.	1.1	51
42	RNA m6A modification orchestrates a LINE-1â€"host interaction that facilitates retrotransposition and contributes to long gene vulnerability. Cell Research, 2021, 31, 861-885.	5.7	47
43	FOXO3a-Dependent Mechanism of E1A-Induced Chemosensitization. Cancer Research, 2011, 71, 6878-6887.	0.4	42
44	Oncogenic role of SFRP2 in p53-mutant osteosarcoma development via autocrine and paracrine mechanism. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E11128-E11137.	3.3	38
45	The Function of the Mutant p53-R175H in Cancer. Cancers, 2021, 13, 4088.	1.7	36
46	Liâ€"Fraumeni Syndrome Disease Model: A Platform to Develop Precision Cancer Therapy Targeting Oncogenic p53. Trends in Pharmacological Sciences, 2017, 38, 908-927.	4.0	35
47	Combining competition assays with genetic complementation strategies to dissect mouse embryonic stem cell self-renewal and pluripotency. Nature Protocols, 2012, 7, 729-748.	5.5	34
48	Modeling Cancer with Pluripotent Stem Cells. Trends in Cancer, 2016, 2, 485-494.	3.8	30
49	TNFÎ± induces HIF-1Î± expression through activation of IKKÎ². Biochemical and Biophysical Research Communications, 2009, 389, 640-644.	1.0	25
50	H19, a Long Non-coding RNA, Mediates Transcription Factors and Target Genes through Interference of MicroRNAs in Pan-Cancer. Molecular Therapy - Nucleic Acids, 2020, 21, 180-191.	2.3	25
51	ZNF217/ZFP217 Meets Chromatin and RNA. Trends in Biochemical Sciences, 2016, 41, 986-988.	3.7	22
52	The histogenesis of Ewing Sarcoma. Cancer Reports and Reviews, 2017, 1, .	0.6	20
53	The suppression of MAD1 by AKTâ€mediated phosphorylation activates MAD1 target genes transcription. Molecular Carcinogenesis, 2009, 48, 1048-1058.	1.3	19
54	Molecular signatures of BRCAness analysis identifies PARP inhibitor Niraparib as a novel targeted therapeutic strategy for soft tissue Sarcomas. Theranostics, 2020, 10, 9477-9494.	4.6	19

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55	E1A Sensitizes Cancer Cells to TRAIL-Induced Apoptosis through Enhancement of Caspase Activation. Molecular Cancer Research, 2005, 3, 219-226.	1.5	19
56	Phosphorylation of ARD1 by IKKÎ² contributes to its destabilization and degradation. Biochemical and Biophysical Research Communications, 2009, 389, 156-161.	1.0	16
57	Activation of Keap1/Nrf2 signaling pathway by nuclear epidermal growth factor receptor in cancer cells. American Journal of Translational Research (discontinued), 2014, 6, 649-63.	0.0	16
58	Genomic Integrity Safeguards Self-Renewal in Embryonic Stem Cells. Cell Reports, 2019, 28, 1400-1409.e4.	2.9	15
59	Hereditary retinoblastoma iPSC model reveals aberrant spliceosome function driving bone malignancies. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2117857119.	3.3	13
60	Induced Pluripotent Stem Cells and Induced Pluripotent Cancer Cells in Cancer Disease Modeling. Advances in Experimental Medicine and Biology, 2018, 1119, 169-183.	0.8	12
61	A delayed chemically induced tumorigenesis in Brca2 mutant mice. Oncogene, 2004, 23, 1896-1901.	2.6	11
62	Generation of human embryonic stem cell line with heterozygous RB1 deletion by CRIPSR/Cas9 nickase. Stem Cell Research, 2018, 28, 29-32.	0.3	11
63	Exploration of Self-Renewal and Pluripotency in ES Cells Using RNAi. Methods in Enzymology, 2010, 477, 351-365.	0.4	10
64	Modeling Osteosarcoma Using Li-Fraumeni Syndrome Patient-derived Induced Pluripotent Stem Cells. Journal of Visualized Experiments, 2018, , .	0.2	10
65	LncRNA H19 Suppresses Osteosarcomagenesis by Regulating snoRNAs and DNA Repair Protein Complexes. Frontiers in Genetics, 2020, 11, 611823.	1.1	10
66	Establishment of a human embryonic stem cell line with homozygous TP53 R248W mutant by TALEN mediated gene editing. Stem Cell Research, 2018, 29, 215-219.	0.3	9
67	A homozygous p53 R282W mutant human embryonic stem cell line generated using TALEN-mediated precise gene editing. Stem Cell Research, 2018, 27, 131-135.	0.3	9
68	Patient-derived iPSCs link elevated mitochondrial respiratory complex I function to osteosarcoma in Rothmund-Thomson syndrome. PLoS Genetics, 2021, 17, e1009971.	1.5	9
69	Distribution Analyzer, a methodology for identifying and clustering outlier conditions from single-cell distributions, and its application to a Nanog reporter RNAi screen. BMC Bioinformatics, 2015, 16, 225.	1.2	8
70	An Esrrb and Nanog Cell Fate Regulatory Module Controlled by Feed Forward Loop Interactions. Frontiers in Cell and Developmental Biology, 2021, 9, 630067.	1.8	8
71	Cardiotoxicity of Antineoplastic Therapies and Applications of Induced Pluripotent Stem Cell-Derived Cardiomyocytes. Cells, 2021, 10, 2823.	1.8	7
72	Cancer in a dish: progress using stem cells as a platform for cancer research. American Journal of Cancer Research, 2018, 8, 944-954.	1.4	6

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73	Generation of a genetically modified human embryonic stem cells expressing fluorescence tagged ATOX1. Stem Cell Research, 2019, 41, 101631.	0.3	5
74	Modeling of osteosarcoma with induced pluripotent stem cells. Stem Cell Research, 2020, 49, 102006.	0.3	5
75	ZFP207 sustains pluripotency by coordinating OCT4 stability, alternative splicing and RNA export. EMBO Reports, 2022, 23, e53191.	2.0	5
76	Cytoplasmic expression of p21CIP1/WAF1 is correlated with IKKÎ² overexpression in human breast cancers. International Journal of Oncology, 2006, 29, 1103.	1.4	4
77	Transient HES5 Activity Instructs Mesodermal Cells toward a Cardiac Fate. Stem Cell Reports, 2017, 9, 136-148.	2.3	4
78	Generation of a homozygous knock-in human embryonic stem cell line expressing SNAP-tagged SOD1. Stem Cell Research, 2021, 54, 102415.	0.3	4
79	Engineering Mutation Clones in Mammalian Cells with CRISPR/Cas9. Methods in Molecular Biology, 2020, 2108, 355-369.	0.4	4
80	IÎºB Kinase Promotes Tumorigenesis through Inhibition of Forkhead FOXO3a. Cell, 2007, 129, 1427-1428.	13.5	3
81	Generation of an induced pluripotent stem cell line from an individual with a heterozygous RECQL4 mutation. Stem Cell Research, 2018, 33, 36-40.	0.3	3
82	Reprogramming and cancer. Stem Cell Research, 2021, 52, 102249.	0.3	2
83	Ihor R. Lemischka (1953â€“2017). Developmental Cell, 2018, 44, 10-11.	3.1	1
84	APOBEC3G promotes liver metastasis in an orthotopic mouse model of colorectal cancer and predicts human hepatic metastasis. Journal of Clinical Investigation, 2012, 122, 419-419.	3.9	1
85	Progress and possibilities for patient-derived iPSCs and genetically engineered stem cells in cancer modeling and targeted therapies. , 2022, , 247-288.		1
86	Ihor R. Lemischka (1953â€“2017). Cell Stem Cell, 2018, 22, 16-17.	5.2	0
87	Abstract 5129: Model osteosarcoma by Li-Fraumeni syndrome patient-specific induced pluripotent stem cells. , 2015, , .		0
88	Abstract PR05: Familial cancer patient specific iPSCs based study of a potential oncogenic factor, sFRP2, in osteosarcoma. , 2018, , .		0
89	Abstract A18: Comprehensive identification of bone cancer driver genes by using Li-Fraumeni syndrome iPSCs. , 2018, , .		0
90	Abstract B36: A novel model of osteosarcomagenesis reveals dysregulation of oxidative phosphorylation. , 2020, , .		0

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91	Abstract 6150: The role of oxidative phosphorylation in a novel iPSC <->derived model of osteosarcomagenesis. , 2020, , .		0
92	Generation of a homozygous knock-in human embryonic stem cell line expressing mEos4b-tagged CTR1. Stem Cell Research, 2022, 63, 102845.	0.3	0