

Dung-Fang Lee

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.

86
papers

7,976
citations

39
h-index

89
g-index

95
ext. papers

8,920
ext. citations

13
avg, IF

5.16
L-index

#	Paper	IF	Citations
86	ZFP207 sustains pluripotency by coordinating OCT4 stability, alternative splicing and RNA export.. <i>EMBO Reports</i> , 2022 , e53191	6.5	1
85	Progress and possibilities for patient-derived iPSCs and genetically engineered stem cells in cancer modeling and targeted therapies 2022 , 247-288		
84	Hereditary retinoblastoma iPSC model reveals aberrant spliceosome function driving bone malignancies.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119, e2117857119	11.5	1
83	Cardiotoxicity of Antineoplastic Therapies and Applications of Induced Pluripotent Stem Cell-Derived Cardiomyocytes. <i>Cells</i> , 2021 , 10,	7.9	1
82	An Esrrb and Nanog Cell Fate Regulatory Module Controlled by Feed Forward Loop Interactions. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 630067	5.7	1
81	RNA mA modification orchestrates a LINE-1-host interaction that facilitates retrotransposition and contributes to long gene vulnerability. <i>Cell Research</i> , 2021 , 31, 861-885	24.7	10
80	Generation of a homozygous knock-in human embryonic stem cell line expressing SNAP-tagged SOD1. <i>Stem Cell Research</i> , 2021 , 54, 102415	1.6	1
79	The Function of the Mutant p53-R175H in Cancer. <i>Cancers</i> , 2021 , 13,	6.6	5
78	Patient-derived iPSCs link elevated mitochondrial respiratory complex I function to osteosarcoma in Rothmund-Thomson syndrome.. <i>PLoS Genetics</i> , 2021 , 17, e1009971	6	3
77	H19, a Long Non-coding RNA, Mediates Transcription Factors and Target Genes through Interference of MicroRNAs in Pan-Cancer. <i>Molecular Therapy - Nucleic Acids</i> , 2020 , 21, 180-191	10.7	11
76	Molecular signatures of BRCAness analysis identifies PARP inhibitor Niraparib as a novel targeted therapeutic strategy for soft tissue Sarcomas. <i>Theranostics</i> , 2020 , 10, 9477-9494	12.1	7
75	Modeling of osteosarcoma with induced pluripotent stem cells. <i>Stem Cell Research</i> , 2020 , 49, 102006	1.6	2
74	LncRNA H19 Suppresses Osteosarcomagenesis by Regulating snoRNAs and DNA Repair Protein Complexes. <i>Frontiers in Genetics</i> , 2020 , 11, 611823	4.5	1
73	Engineering Mutation Clones in Mammalian Cells with CRISPR/Cas9. <i>Methods in Molecular Biology</i> , 2020 , 2108, 355-369	1.4	4
72	Genomic Integrity Safeguards Self-Renewal in Embryonic Stem Cells. <i>Cell Reports</i> , 2019 , 28, 1400-1409.e40.6	40.6	5
71	Generation of a genetically modified human embryonic stem cells expressing fluorescence tagged ATOX1. <i>Stem Cell Research</i> , 2019 , 41, 101631	1.6	3
70	Genomic Profiling and Metabolic Homeostasis in Primary Liver Cancers. <i>Trends in Molecular Medicine</i> , 2018 , 24, 395-411	11.5	35

69	Establishment of a human embryonic stem cell line with homozygous TP53 R248W mutant by TALEN mediated gene editing. <i>Stem Cell Research</i> , 2018 , 29, 215-219	1.6	8
68	Generation of human embryonic stem cell line with heterozygous RB1 deletion by CRIPSR/Cas9 nickase. <i>Stem Cell Research</i> , 2018 , 28, 29-32	1.6	10
67	A homozygous p53 R282W mutant human embryonic stem cell line generated using TALEN-mediated precise gene editing. <i>Stem Cell Research</i> , 2018 , 27, 131-135	1.6	9
66	Ihor R. Lemischka (1953-2017). <i>Cell</i> , 2018 , 172, 1-2	56.2	39
65	Ihor R. Lemischka (1953-2017). <i>Cell Stem Cell</i> , 2018 , 22, 16-17	18	
64	Induced Pluripotent Stem Cells and Induced Pluripotent Cancer Cells in Cancer Disease Modeling. <i>Advances in Experimental Medicine and Biology</i> , 2018 , 1119, 169-183	3.6	9
63	Ihor R. Lemischka (1953-2017). <i>Developmental Cell</i> , 2018 , 44, 10-11	10.2	
62	Cancer in a dish: progress using stem cells as a platform for cancer research. <i>American Journal of Cancer Research</i> , 2018 , 8, 944-954	4.4	6
61	Generation of an induced pluripotent stem cell line from an individual with a heterozygous RECQL4 mutation. <i>Stem Cell Research</i> , 2018 , 33, 36-40	1.6	2
60	Oncogenic role of SFRP2 in p53-mutant osteosarcoma development via autocrine and paracrine mechanism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E11128-E11137	11.5	21
59	Modeling Osteosarcoma Using Li-Fraumeni Syndrome Patient-derived Induced Pluripotent Stem Cells. <i>Journal of Visualized Experiments</i> , 2018 ,	1.6	7
58	Li-Fraumeni Syndrome Disease Model: A Platform to Develop Precision Cancer Therapy Targeting Oncogenic p53. <i>Trends in Pharmacological Sciences</i> , 2017 , 38, 908-927	13.2	28
57	Osteosarcoma: Molecular Pathogenesis and iPSC Modeling. <i>Trends in Molecular Medicine</i> , 2017 , 23, 737-755	15.5	93
56	Transient HES5 Activity Instructs Mesodermal Cells toward a Cardiac Fate. <i>Stem Cell Reports</i> , 2017 , 9, 136-148	8	3
55	The Histogenesis of Ewing Sarcoma. <i>Cancer Reports and Reviews</i> , 2017 , 1,	0.3	8
54	ZNF217/ZFP217 Meets Chromatin and RNA. <i>Trends in Biochemical Sciences</i> , 2016 , 41, 986-988	10.3	12
53	AKT1 Inhibits Epithelial-to-Mesenchymal Transition in Breast Cancer through Phosphorylation-Dependent Twist1 Degradation. <i>Cancer Research</i> , 2016 , 76, 1451-62	10.1	58
52	Modeling Cancer with Pluripotent Stem Cells. <i>Trends in Cancer</i> , 2016 , 2, 485-494	12.5	26

51	Tex10 Coordinates Epigenetic Control of Super-Enhancer Activity in Pluripotency and Reprogramming. <i>Cell Stem Cell</i> , 2015 , 16, 653-68	18	61
50	Modeling familial cancer with induced pluripotent stem cells. <i>Cell</i> , 2015 , 161, 240-54	56.2	135
49	Myeloid Dysregulation in a Human Induced Pluripotent Stem Cell Model of PTPN11-Associated Juvenile Myelomonocytic Leukemia. <i>Cell Reports</i> , 2015 , 13, 504-515	10.6	52
48	Coordination of m(6)A mRNA Methylation and Gene Transcription by ZFP217 Regulates Pluripotency and Reprogramming. <i>Cell Stem Cell</i> , 2015 , 17, 689-704	18	185
47	Tbx3 Controls Dppa3 Levels and Exit from Pluripotency toward Mesoderm. <i>Stem Cell Reports</i> , 2015 , 5, 97-110	8	38
46	Distribution Analyzer, a methodology for identifying and clustering outlier conditions from single-cell distributions, and its application to a Nanog reporter RNAi screen. <i>BMC Bioinformatics</i> , 2015 , 16, 225	3.6	5
45	A genome-wide RNAi screen identifies opposing functions of Snai1 and Snai2 on the Nanog dependency in reprogramming. <i>Molecular Cell</i> , 2014 , 56, 140-52	17.6	47
44	Genomic editing tools to model human diseases with isogenic pluripotent stem cells. <i>Stem Cells and Development</i> , 2014 , 23, 2673-86	4.4	42
43	Activation of Keap1/Nrf2 signaling pathway by nuclear epidermal growth factor receptor in cancer cells. <i>American Journal of Translational Research (discontinued)</i> , 2014 , 6, 649-63	3	16
42	Epigenetic roles of MLL oncoproteins are dependent on NF- κ B. <i>Cancer Cell</i> , 2013 , 24, 423-37	24.3	63
41	Regulation of embryonic and induced pluripotency by aurora kinase-p53 signaling. <i>Cell Stem Cell</i> , 2012 , 11, 179-94	18	117
40	IKK β activation of NOTCH links tumorigenesis via FOXA2 suppression. <i>Molecular Cell</i> , 2012 , 45, 171-84	17.6	70
39	Combining competition assays with genetic complementation strategies to dissect mouse embryonic stem cell self-renewal and pluripotency. <i>Nature Protocols</i> , 2012 , 7, 729-48	18.8	27
38	KrasG12D-induced IKK2/ κ B activation by IL-1 β and p62 feedforward loops is required for development of pancreatic ductal adenocarcinoma. <i>Cancer Cell</i> , 2012 , 21, 105-20	24.3	379
37	The crosstalk of mTOR/S6K1 and Hedgehog pathways. <i>Cancer Cell</i> , 2012 , 21, 374-87	24.3	270
36	APOBEC3G promotes liver metastasis in an orthotopic mouse model of colorectal cancer and predicts human hepatic metastasis. <i>Journal of Clinical Investigation</i> , 2012 , 122, 419-419	15.9	78
35	Wdr5 mediates self-renewal and reprogramming via the embryonic stem cell core transcriptional network. <i>Cell</i> , 2011 , 145, 183-97	56.2	433
34	FOXO1 is an essential regulator of pluripotency in human embryonic stem cells. <i>Nature Cell Biology</i> , 2011 , 13, 1092-9	23.4	180

33	Prdm16 is a physiologic regulator of hematopoietic stem cells. <i>Blood</i> , 2011 , 117, 5057-66	2.2	96
32	Tumor-suppressor role for the SPOP ubiquitin ligase in signal-dependent proteolysis of the oncogenic co-activator SRC-3/AIB1. <i>Oncogene</i> , 2011 , 30, 4350-64	9.2	123
31	Single transcription factor reprogramming of hair follicle dermal papilla cells to induced pluripotent stem cells. <i>Stem Cells</i> , 2011 , 29, 964-71	5.8	76
30	FOXO3a-Dependent Mechanism of E1A-Induced Chemosensitization. <i>Cancer Research</i> , 2011 , 71, 6878-87	10.1	37
29	Subunit 6 of the COP9 signalosome promotes tumorigenesis in mice through stabilization of MDM2 and is upregulated in human cancers. <i>Journal of Clinical Investigation</i> , 2011 , 121, 851-65	15.9	76
28	APOBEC3G promotes liver metastasis in an orthotopic mouse model of colorectal cancer and predicts human hepatic metastasis. <i>Journal of Clinical Investigation</i> , 2011 , 121, 4526-36	15.9	90
27	Patient-specific induced pluripotent stem-cell-derived models of LEOPARD syndrome. <i>Nature</i> , 2010 , 465, 808-12	50.4	573
26	Exploration of self-renewal and pluripotency in ES cells using RNAi. <i>Methods in Enzymology</i> , 2010 , 477, 351-65	1.7	10
25	Oct4 and klf4 reprogram dermal papilla cells into induced pluripotent stem cells. <i>Stem Cells</i> , 2010 , 28, 221-8	5.8	105
24	ARD1 stabilization of TSC2 suppresses tumorigenesis through the mTOR signaling pathway. <i>Science Signaling</i> , 2010 , 3, ra9	8.8	70
23	The suppression of MAD1 by AKT-mediated phosphorylation activates MAD1 target genes transcription. <i>Molecular Carcinogenesis</i> , 2009 , 48, 1048-58	5	17
22	Phosphorylation of ARD1 by IKKbeta contributes to its destabilization and degradation. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 389, 156-61	3.4	13
21	TNFalpha induces HIF-1alpha expression through activation of IKKbeta. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 389, 640-4	3.4	22
20	KEAP1 E3 ligase-mediated downregulation of NF-kappaB signaling by targeting IKKbeta. <i>Molecular Cell</i> , 2009 , 36, 131-40	17.6	277
19	ERK promotes tumorigenesis by inhibiting FOXO3a via MDM2-mediated degradation. <i>Nature Cell Biology</i> , 2008 , 10, 138-48	23.4	515
18	Bile acid exposure up-regulates tuberous sclerosis complex 1/mammalian target of rapamycin pathway in Barrett's-associated esophageal adenocarcinoma. <i>Cancer Research</i> , 2008 , 68, 2632-40	10.1	54
17	Down-regulation of myeloid cell leukemia-1 through inhibiting Erk/Pin 1 pathway by sorafenib facilitates chemosensitization in breast cancer. <i>Cancer Research</i> , 2008 , 68, 6109-17	10.1	151
16	Advances in targeting IKK and IKK-related kinases for cancer therapy. <i>Clinical Cancer Research</i> , 2008 , 14, 5656-62	12.9	92

15	IKKbeta suppression of TSC1 function links the mTOR pathway with insulin resistance. <i>International Journal of Molecular Medicine</i> , 2008 , 22, 633-8	4.4	51
14	All roads lead to mTOR: integrating inflammation and tumor angiogenesis. <i>Cell Cycle</i> , 2007 , 6, 3011-4	4.7	95
13	Degradation of Mcl-1 by beta-TrCP mediates glycogen synthase kinase 3-induced tumor suppression and chemosensitization. <i>Molecular and Cellular Biology</i> , 2007 , 27, 4006-17	4.8	316
12	Myeloid cell leukemia-1 inversely correlates with glycogen synthase kinase-3beta activity and associates with poor prognosis in human breast cancer. <i>Cancer Research</i> , 2007 , 67, 4564-71	10.1	158
11	IKK beta suppression of TSC1 links inflammation and tumor angiogenesis via the mTOR pathway. <i>Cell</i> , 2007 , 130, 440-55	56.2	514
10	IB Kinase Promotes Tumorigenesis through Inhibition of Forkhead FOXO3a. <i>Cell</i> , 2007 , 129, 1427-1428	56.2	2
9	Cytoplasmic expression of p21CIP1/WAF1 is correlated with IKKbeta overexpression in human breast cancers 2006 , 29, 1103		4
8	Erk associates with and primes GSK-3beta for its inactivation resulting in upregulation of beta-catenin. <i>Molecular Cell</i> , 2005 , 19, 159-70	17.6	475
7	Endosomal transport of ErbB-2: mechanism for nuclear entry of the cell surface receptor. <i>Molecular and Cellular Biology</i> , 2005 , 25, 11005-18	4.8	189
6	E1A sensitizes cancer cells to TRAIL-induced apoptosis through enhancement of caspase activation. <i>Molecular Cancer Research</i> , 2005 , 3, 219-26	6.6	18
5	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. <i>Clinical Cancer Research</i> , 2004 , 10, 3815-24	12.9	135
4	A delayed chemically induced tumorigenesis in Brca2 mutant mice. <i>Oncogene</i> , 2004 , 23, 1896-901	9.2	9
3	Binding at and transactivation of the COX-2 promoter by nuclear tyrosine kinase receptor ErbB-2. <i>Cancer Cell</i> , 2004 , 6, 251-61	24.3	237
2	IkappaB kinase promotes tumorigenesis through inhibition of forkhead FOXO3a. <i>Cell</i> , 2004 , 117, 225-37	56.2	747
1	Oncogenic role of sFRP2 in P53-mutant osteosarcoma development via autocrine and paracrine mechanism		1