Chang-Lung Lee

List of Publications by Year
in descending order

38 papers	1,448 citations	361413 20 h-index	345221 36 g-index
43 all docs	43 docs citations	43 times ranked	2803 citing authors

#	Article	IF	Citations
1	A mouse-human phase 1 co-clinical trial of a protease-activated fluorescent probe for imaging cancer. Science Translational Medicine, 2016, 8, 320ra4.	12.4	224
2	A next-generation dual-recombinase system for time- and host-specific targeting of pancreatic cancer. Nature Medicine, 2014, 20, 1340-1347.	30.7	188
3	Molecular Analyses of the Arabidopsis TUBBY-Like Protein Gene Family. Plant Physiology, 2004, 134, 1586-1597.	4.8	113
4	MicroRNA-182 drives metastasis of primary sarcomas by targeting multiple genes. Journal of Clinical Investigation, 2014, 124, 4305-4319.	8.2	86
5	Tumor cells, but not endothelial cells, mediate eradication of primary sarcomas by stereotactic body radiation therapy. Science Translational Medicine, 2015, 7, 278ra34.	12.4	76
6	p53 Functions in Endothelial Cells to Prevent Radiation-Induced Myocardial Injury in Mice. Science Signaling, 2012, 5, ra52.	3.6	74
7	Atm deletion with dual recombinase technology preferentially radiosensitizes tumor endothelium. Journal of Clinical Investigation, 2014, 124, 3325-3338.	8.2	64
8	A FRT-flankedp53mouse to generate primary tumors with Flp recombinase. DMM Disease Models and Mechanisms, 2012, 5, 397-402.	2.4	60
9	Intraoperative detection and removal of microscopic residual sarcoma using wideâ€field imaging. Cancer, 2012, 118, 5320-5330.	4.1	55
10	Role of p53 in regulating tissue response to radiation by mechanisms independent of apoptosis. Translational Cancer Research, 2013, 2, 412-421.	1.0	51
11	Mutational landscape in genetically engineered, carcinogen-induced, and radiation-induced mouse sarcoma. JCI Insight, 2019, 4, .	5.0	47
12	Assessing Cardiac Injury in Mice With Dual Energy-MicroCT, 4D-MicroCT, and MicroSPECT Imaging After Partial Heart Irradiation. International Journal of Radiation Oncology Biology Physics, 2014, 88, 686-693.	0.8	43
13	Acute DNA damage activates the tumour suppressor p53 to promote radiation-induced lymphoma. Nature Communications, 2015, 6, 8477.	12.8	39
14	Assessing the Radiation Response of Lung Cancer with Different Gene Mutations Using Genetically Engineered Mice. Frontiers in Oncology, 2013, 3, 72.	2.8	32
15	Blocking Cyclin-Dependent Kinase 4/6 During Single Dose Versus Fractionated Radiation Therapy Leads to Opposite Effects on Acute Gastrointestinal Toxicity in Mice. International Journal of Radiation Oncology Biology Physics, 2018, 102, 1569-1576.	0.8	29
16	Deletion of Atm in Tumor but not Endothelial Cells Improves Radiation Response in a Primary Mouse Model of Lung Adenocarcinoma. Cancer Research, 2019, 79, 773-782.	0.9	28
17	Characterizing the Potency and Impact of Carbon Ion Therapy in a Primary Mouse Model of Soft Tissue Sarcoma. Molecular Cancer Therapeutics, 2018, 17, 858-868.	4.1	25
18	NF1+/â^' Hematopoietic Cells Accelerate Malignant Peripheral Nerve Sheath Tumor Development without Altering Chemotherapy Response. Cancer Research, 2017, 77, 4486-4497.	0.9	23

#	Article	IF	Citations
19	Tracing Tumor Evolution in Sarcoma Reveals Clonal Origin of Advanced Metastasis. Cell Reports, 2019, 28, 2837-2850.e5.	6.4	23
20	p21 Protects â€œSuper p53â€•Mice from the Radiation-Induced Gastrointestinal Syndrome. Radiation Research, 2012, 177, 307-310.	1.5	21
21	Spectrotemporal CT data acquisition and reconstruction at low dose. Medical Physics, 2015, 42, 6317-6336.	3.0	20
22	Photon-counting cine-cardiac CT in the mouse. PLoS ONE, 2019, 14, e0218417.	2.5	16
23	Inhibiting Glycogen Synthase Kinase-3 Mitigates the Hematopoietic Acute Radiation Syndrome in Mice. Radiation Research, 2014, 181, 445-451.	1.5	14
24	Sensitization of Vascular Endothelial Cells to Ionizing Radiation Promotes the Development of Delayed Intestinal Injury in Mice. Radiation Research, 2019, 192, 258.	1.5	13
25	Characterization of cardiovascular injury in mice following partial-heart irradiation with clinically relevant dose and fractionation. Radiotherapy and Oncology, 2021, 157, 155-162.	0.6	13
26	An extra copy of p53 suppresses development of spontaneous Kras-driven but not radiation-induced cancer. JCI Insight, 2016, 1, .	5.0	13
27	Notch-Induced Myeloid Reprogramming in Spontaneous Pancreatic Ductal Adenocarcinoma by Dual Genetic Targeting. Cancer Research, 2018, 78, 4997-5010.	0.9	11
28	Whole-Exome Sequencing of Radiation-Induced Thymic Lymphoma in Mouse Models Identifies Notch1 Activation as a Driver of p53 Wild-Type Lymphoma. Cancer Research, 2021, 81, 3777-3790.	0.9	10
29	Epithelial Regeneration After Doxorubicin Arises Primarily From Early Progeny of Active Intestinal Stem Cells. Cellular and Molecular Gastroenterology and Hepatology, 2021, 12, 119-140.	4.5	9
30	Inhibiting Glycogen Synthase Kinase-3 Mitigates the Hematopoietic Acute Radiation Syndrome in a Sex- and Strain-dependent Manner in Mice. Health Physics, 2020, 119, 315-321.	0.5	8
31	Reining in Radiation Injury: HIF2Î± in the Gut. Science Translational Medicine, 2014, 6, 236fs20.	12.4	5
32	Mice Lacking RIP3 Kinase are not Protected from Acute Radiation Syndrome. Radiation Research, 2018, 189, 627.	1.5	4
33	Selective ERBB2 and BCL2 Inhibition Is Synergistic for Mitochondrial-Mediated Apoptosis in MDS and AML Cells. Molecular Cancer Research, 2021, 19, 886-899.	3.4	3
34	Investigating the Role of Inflammasome Caspases 1 and 11 in the Acute Radiation Syndrome. Radiation Research, 2021, 196, 686-689.	1.5	3
35	Sensitization of Endothelial Cells to Ionizing Radiation Exacerbates Delayed Radiation Myelopathy in Mice. Radiation Research, 2021, 197, 000-000.	1.5	2
36	Transplantation of Unirradiated Bone Marrow Cells after Total-Body Irradiation Prevents the Development of Thymic Lymphoma in Mice through Niche Competition. Radiation Research, 2020, 195, 301-306.	1.5	2

#	Article	IF	Citations
37	Tracing Tumor Evolution in Sarcoma Reveals Clonal Origin of Metastasis. SSRN Electronic Journal, 0, , .	0.4	0
38	The p53 Transactivation Domain 1-Dependent Response to Acute DNA Damage in Endothelial Cells Protects against Radiation-Induced Cardiac Injury. Radiation Research, 2022, 198, .	1.5	0