Kirsten Lauber

List of Publications by Year
in descending order

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79	6,055	117453	76769
papers	citations	34 h-index	74 g-index

80	80	80	8895
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Longitudinal [18F]GE-180 PET Imaging Facilitates In Vivo Monitoring of TSPO Expression in the GL261 Glioblastoma Mouse Model. Biomedicines, 2022, 10, 738.	1.4	8
2	Therapy-Related Transcriptional Subtypes in Matched Primary and Recurrent Head and Neck Cancer. Clinical Cancer Research, 2022, 28, 1038-1052.	3.2	13
3	Integrative analysis of therapy resistance and transcriptomic profiling data in glioblastoma cells identifies sensitization vulnerabilities for combined modality radiochemotherapy. Radiation Oncology, 2022, 17, 79.	1.2	3
4	IL1 Pathway in HPV-Negative HNSCC Cells Is an Indicator of Radioresistance After Photon and Carbon Ion Irradiation Without Functional Involvement. Frontiers in Oncology, 2022, 12, 878675.	1.3	5
5	Therapy of lymphoma by immune checkpoint inhibitors: the role of T cells, NK cells and cytokine-induced tumor senescence. , 2021, 9, e001660.		10
6	X-change symposium: status and future of modern radiation oncologyâ€"from technology to biology. Radiation Oncology, 2021, 16, 27.	1.2	1
7	Inhibition of HSP90 as a Strategy to Radiosensitize Glioblastoma: Targeting the DNA Damage Response and Beyond. Frontiers in Oncology, 2021, 11, 612354.	1.3	12
8	Transcriptomic landscape of radiation-induced murine thyroid proliferative lesions. Endocrine-Related Cancer, 2021, 28, 213-224.	1.6	0
9	Butterfly-Net: Spatial-Temporal Architecture For Medical Image Segmentation. , 2021, , .		2
10	uPAâ€PAIâ€1 heteromerization promotes breast cancer progression by attracting tumorigenic neutrophils. EMBO Molecular Medicine, 2021, 13, e13110.	3.3	5
11	Metformin Protects against Radiation-Induced Acute Effects by Limiting Senescence of Bronchial-Epithelial Cells. International Journal of Molecular Sciences, 2021, 22, 7064.	1.8	17
12	Plasma Metabolome Profiling Identifies Metabolic Subtypes of Pancreatic Ductal Adenocarcinoma. Cells, 2021, 10, 1821.	1.8	9
13	Analysis of clonogenic growth in vitro. Nature Protocols, 2021, 16, 4963-4991.	5.5	45
14	PSMA PET Imaging in Glioblastoma: A Preclinical Evaluation and Theranostic Outlook. Frontiers in Oncology, 2021, 11, 774017.	1.3	10
15	Early senescence and production of senescence-associated cytokines are major determinants of radioresistance in head-and-neck squamous cell carcinoma. Cell Death and Disease, 2021, 12, 1162.	2.7	23
16	Uncoupled biological and chronological aging of neutrophils in cancer promotes tumor progression. , 2021, 9, e003495.		7
17	Differences in Cell-Intrinsic Inflammatory Programs of Yolk Sac and Bone Marrow Macrophages. Cells, 2021, 10, 3564.	1.8	4
18	A Novel Gene Signature-Based Model Predicts Biochemical Recurrence-Free Survival in Prostate Cancer Patients after Radical Prostatectomy. Cancers, 2020, 12, 1.	1.7	300

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19	Priming of Anti-tumor Immune Mechanisms by Radiotherapy Is Augmented by Inhibition of Heat Shock Protein 90. Frontiers in Oncology, 2020, 10, 1668.	1.3	5
20	Radiation-induced lung toxicity â€“ cellular and molecular mechanisms of pathogenesis, management, and literature review. Radiation Oncology, 2020, 15, 214.	1.2	103
21	The clonogenic assay: robustness of plating efficiency-based analysis is strongly compromised by cellular cooperation. Radiation Oncology, 2020, 15, 248.	1.2	19
22	Contrast-enhanced, conebeam CT-based, fractionated radiotherapy and follow-up monitoring of orthotopic mouse glioblastoma: a proof-of-concept study. Radiation Oncology, 2020, 15, 19.	1.2	8
23	Systemic but not MDSC-specific IRF4 deficiency promotes an immunosuppressed tumor microenvironment in a murine pancreatic cancer model. Cancer Immunology, Immunotherapy, 2020, 69, 2101-2112.	2.0	12
24	Pancreatic ductal adenocarcinoma: biological hallmarks, current status, and future perspectives of combined modality treatment approaches. Radiation Oncology, 2019, 14, 141.	1.2	285
25	Towards a novel small animal proton irradiation platform: the SIRMIO project. Acta OncolÃ³gica, 2019, 58, 1470-1475.	0.8	27
26	Immunotherapy Mythbusters in Head and Neck Cancer: The Abscopal Effect and Pseudoprogression. American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting, 2019, 39, 352-363.	1.8	28
27	Priming anti-tumor immunity by radiotherapy: Dying tumor cell-derived DAMPs trigger endothelial cell activation and recruitment of myeloid cells. OncoImmunology, 2019, 8, e1523097.	2.1	91
28	Aged neutrophils fuel tumor progression: Good cells gone bad. FASEB Journal, 2019, 33, 542.11.	0.2	0
29	Plasminogen Activator Inhibitor-1 Promotes Neutrophil Infiltration and Tissue Injury on Ischemiaâ€“Reperfusion. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 829-842.	1.1	51
30	ESTRO ACROP: Technology for precision small animal radiotherapy research: Optimal use and challenges. Radiotherapy and Oncology, 2018, 126, 471-478.	0.3	88
31	Comparison of detection methods for HPV status as a prognostic marker for loco-regional control after radiochemotherapy in patients with HNSCC. Radiotherapy and Oncology, 2018, 127, 27-35.	0.3	17
32	Vitronectin promotes the vascularization of porous polyethylene biomaterials. Acta Biomaterialia, 2018, 82, 24-33.	4.1	11
33	Editorial: Apoptotic Cell Clearance in Health and Disease. Frontiers in Immunology, 2018, 9, 2154.	2.2	2
34	External Beam Radiation Therapy Enhances Mesenchymal Stem Cellâ€“Mediated Sodiumâ€“Iodide Symporter Gene Delivery. Human Gene Therapy, 2018, 29, 1287-1300.	1.4	21
35	Abscopal, immunological effects of radiotherapy: Narrowing the gap between clinical and preclinical experiences. Immunological Reviews, 2017, 280, 249-279.	2.8	155
36	Migrating Platelets Are Mechano-scavengers that Collect and Bundle Bacteria. Cell, 2017, 171, 1368-1382.e23.	13.5	251

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37	Genomic amplification of Fanconi anemia complementation group A (FancA) in head and neck squamous cell carcinoma (HNSCC): Cellular mechanisms of radioresistance and clinical relevance. Cancer Letters, 2017, 386, 87-99.	3.2	21
38	Interconnection between DNA damage senescence inflammation and cancer. Frontiers in Bioscience - Landmark, 2017, 22, 348-369.	3.0	24
39	SIRPÎ±-antibody fusion proteins stimulate phagocytosis and promote elimination of acute myeloid leukemia cells. Oncotarget, 2017, 8, 11284-11301.	0.8	17
40	Elevated Serum Lysophosphatidylcholine in Patients with Systemic Lupus Erythematosus Impairs Phagocytosis of Necrotic Cells In Vitro. Frontiers in Immunology, 2017, 8, 1876.	2.2	9
41	A novel HSP90 inhibitor with reduced hepatotoxicity synergizes with radiotherapy to induce apoptosis, abrogate clonogenic survival, and improve tumor control in models of colorectal cancer. Oncotarget, 2016, 7, 43199-43219.	0.8	24
42	Hyperthermia adds to trabectedin effectiveness and thermal enhancement is associated with BRCA2 degradation and impairment of DNA homologous recombination repair. International Journal of Cancer, 2016, 139, 467-479.	2.3	14
43	Transcriptomic analyses of the radiation response in head and neck squamous cell carcinoma subclones with different radiation sensitivity: time-course gene expression profiles and gene association networks. Radiation Oncology, 2016, 11, 94.	1.2	37
44	On the analysis of clonogenic survival data: Statistical alternatives to the linear-quadratic model. Radiation Oncology, 2016, 11, 11.	1.2	32
45	Bevacizumab and radiotherapy for the treatment of glioblastoma: brothers in arms or unholy alliance?. Oncotarget, 2016, 7, 2313-2328.	0.8	29
46	A synthetic lethal screen identifies ATR-inhibition as a novel therapeutic approach for POLD1-deficient cancers. Oncotarget, 2016, 7, 7080-7095.	0.8	35
47	A 4-miRNA signature predicts the therapeutic outcome of glioblastoma. Oncotarget, 2016, 7, 45764-45775.	0.8	35
48	Reprogramming of myeloid angiogenic cells byBartonella henselaeleads to microenvironmental regulation of pathological angiogenesis. Cellular Microbiology, 2015, 17, 1447-1463.	1.1	15
49	Integrative analysis of the microRNA-mRNA response to radiochemotherapy in primary head and neck squamous cell carcinoma cells. BMC Genomics, 2015, 16, 654.	1.2	10
50	HSP90 inhibition as a means of radiosensitizing resistant, aggressive soft tissue sarcomas. Cancer Letters, 2015, 365, 211-222.	3.2	40
51	Apoptotic Cell Clearance and Its Role in the Origin and Resolution of Chronic Inflammation. Frontiers in Immunology, 2015, 6, 139.	2.2	8
52	Targeting the heat shock response in combination with radiotherapy: Sensitizing cancer cells to irradiation-induced cell death and heating up their immunogenicity. Cancer Letters, 2015, 368, 209-229.	3.2	57
53	Tumor Biology: With a Little Help from My Dying Friends. Current Biology, 2015, 25, R198-R201.	1.8	22
54	Strategies to relieve immunosuppression in pancreatic cancer. Immunotherapy, 2015, 7, 363-376.	1.0	30

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55	Cleavage and Cell Adhesion Properties of Human Epithelial Cell Adhesion Molecule (HEPCAM). Journal of Biological Chemistry, 2015, 290, 24574-24591.	1.6	38
56	Kill and spread the word: stimulation of antitumor immune responses in the context of radiotherapy. Immunotherapy, 2014, 6, 597-610.	1.0	63
57	Current concepts in clinical radiation oncology. Radiation and Environmental Biophysics, 2014, 53, 1-29.	0.6	143
58	Nanomedicine-based strategies for treatment of atherosclerosis. Trends in Molecular Medicine, 2014, 20, 271-281.	3.5	79
59	Immunological aspects of radiotherapy. Radiation Oncology, 2014, 9, 185.	1.2	37
60	Release of monocyte migration signals by breast cancer cell lines after ablative and fractionated Î³-irradiation. Radiation Oncology, 2014, 9, 85.	1.2	40
61	Autoimmunity vs. cancer: Predator vs. alien?. Autoimmunity, 2013, 46, 287-293.	1.2	9
62	Capillary and arteriolar pericytes attract innate leukocytes exiting through venules and 'instruct' them with pattern-recognition and motility programs. Nature Immunology, 2013, 14, 41-51.	7.0	371
63	Serum-Derived Plasminogen Is Activated by Apoptotic Cells and Promotes Their Phagocytic Clearance. Journal of Immunology, 2012, 189, 5722-5728.	0.4	34
64	Cleavage of Annexin A1 by ADAM10 during Secondary Necrosis Generates a Monocytic â€œFind-Meâ€•Signal. Journal of Immunology, 2012, 188, 135-145.	0.4	76
65	Dying cell clearance and its impact on the outcome of tumor radiotherapy. Frontiers in Oncology, 2012, 2, 116.	1.3	152
66	Macrophages Discriminate Glycosylation Patterns of Apoptotic Cell-derived Microparticles. Journal of Biological Chemistry, 2012, 287, 496-503.	1.6	85
67	Moonlighting osteoclasts as undertakers of apoptotic cells. Autoimmunity, 2012, 45, 612-619.	1.2	50
68	Release of lysophospholipid â€˜find-meâ€™ signals during apoptosis requires the ATP-binding cassette transporter A1. Autoimmunity, 2012, 45, 568-573.	1.2	45
69	Apoptosis induction and tumor cell repopulation: The yin and yang of radiotherapy. Radiation Oncology, 2011, 6, 176.	1.2	34
70	Phagocytosis of dying tumor cells by human peritoneal mesothelial cells. Journal of Cell Science, 2011, 124, 1644-1654.	1.2	28
71	The role of defective clearance of apoptotic cells in systemic autoimmunity. Nature Reviews Rheumatology, 2010, 6, 280-289.	3.5	533
72	Dangerous attraction: phagocyte recruitment and danger signals of apoptotic and necrotic cells. Apoptosis: an International Journal on Programmed Cell Death, 2010, 15, 1007-1028.	2.2	119

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73	Scent of dying cells: The role of attraction signals in the clearance of apoptotic cells and its immunological consequences. Autoimmunity Reviews, 2010, 9, 425-430.	2.5	42
74	Migration to Apoptotic â€œFind-meâ€•Signals Is Mediated via the Phagocyte Receptor G2A. Journal of Biological Chemistry, 2008, 283, 5296-5305.	1.6	213
75	Attraction of phagocytes by apoptotic cells is mediated by lysophosphatidylcholine. Autoimmunity, 2007, 40, 342-344.	1.2	50
76	Clearance of Apoptotic Cells. Molecular Cell, 2004, 14, 277-287.	4.5	507
77	Apoptotic Cells Induce Migration of Phagocytes via Caspase-3-Mediated Release of a Lipid Attraction Signal. Cell, 2003, 113, 717-730.	13.5	817
78	Staurosporine and conventional anticancer drugs induce overlapping, yet distinct pathways of apoptosis and caspase activation. Oncogene, 2001, 20, 1193-1202.	2.6	140
79	Caspase-8/FLICE functions as an executioner caspase in anticancer drug-induced apoptosis. Oncogene, 2000, 19, 4563-4573.	2.6	243