

# Kirsten Lauber

## List of Publications by Year in descending order

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79  
papers

6,055  
citations

117453

34  
h-index

76769

74  
g-index

80  
all docs

80  
docs citations

80  
times ranked

8895  
citing authors

#	ARTICLE	IF	CITATIONS
1	Apoptotic Cells Induce Migration of Phagocytes via Caspase-3-Mediated Release of a Lipid Attraction Signal. <i>Cell</i> , 2003, 113, 717-730.	13.5	817
2	The role of defective clearance of apoptotic cells in systemic autoimmunity. <i>Nature Reviews Rheumatology</i> , 2010, 6, 280-289.	3.5	533
3	Clearance of Apoptotic Cells. <i>Molecular Cell</i> , 2004, 14, 277-287.	4.5	507
4	Capillary and arteriolar pericytes attract innate leukocytes exiting through venules and 'instruct' them with pattern-recognition and motility programs. <i>Nature Immunology</i> , 2013, 14, 41-51.	7.0	371
5	A Novel Gene Signature-Based Model Predicts Biochemical Recurrence-Free Survival in Prostate Cancer Patients after Radical Prostatectomy. <i>Cancers</i> , 2020, 12, 1.	1.7	300
6	Pancreatic ductal adenocarcinoma: biological hallmarks, current status, and future perspectives of combined modality treatment approaches. <i>Radiation Oncology</i> , 2019, 14, 141.	1.2	285
7	Migrating Platelets Are Mechano-scavengers that Collect and Bundle Bacteria. <i>Cell</i> , 2017, 171, 1368-1382.e23.	13.5	251
8	Caspase-8/FLICE functions as an executioner caspase in anticancer drug-induced apoptosis. <i>Oncogene</i> , 2000, 19, 4563-4573.	2.6	243
9	Migration to Apoptotic "Find-me" Signals Is Mediated via the Phagocyte Receptor G2A. <i>Journal of Biological Chemistry</i> , 2008, 283, 5296-5305.	1.6	213
10	Abscopal, immunological effects of radiotherapy: Narrowing the gap between clinical and preclinical experiences. <i>Immunological Reviews</i> , 2017, 280, 249-279.	2.8	155
11	Dying cell clearance and its impact on the outcome of tumor radiotherapy. <i>Frontiers in Oncology</i> , 2012, 2, 116.	1.3	152
12	Current concepts in clinical radiation oncology. <i>Radiation and Environmental Biophysics</i> , 2014, 53, 1-29.	0.6	143
13	Staurosporine and conventional anticancer drugs induce overlapping, yet distinct pathways of apoptosis and caspase activation. <i>Oncogene</i> , 2001, 20, 1193-1202.	2.6	140
14	Dangerous attraction: phagocyte recruitment and danger signals of apoptotic and necrotic cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2010, 15, 1007-1028.	2.2	119
15	Radiation-induced lung toxicity "cellular and molecular mechanisms of pathogenesis, management, and literature review. <i>Radiation Oncology</i> , 2020, 15, 214.	1.2	103
16	Priming anti-tumor immunity by radiotherapy: Dying tumor cell-derived DAMPs trigger endothelial cell activation and recruitment of myeloid cells. <i>Oncolmmunology</i> , 2019, 8, e1523097.	2.1	91
17	ESTRO ACROP: Technology for precision small animal radiotherapy research: Optimal use and challenges. <i>Radiotherapy and Oncology</i> , 2018, 126, 471-478.	0.3	88
18	Macrophages Discriminate Glycosylation Patterns of Apoptotic Cell-derived Microparticles. <i>Journal of Biological Chemistry</i> , 2012, 287, 496-503.	1.6	85

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19	Nanomedicine-based strategies for treatment of atherosclerosis. Trends in Molecular Medicine, 2014, 20, 271-281.	3.5	79
20	Cleavage of Annexin A1 by ADAM10 during Secondary Necrosis Generates a Monocytic $\alpha$ -Find-Me $\alpha$ -Signal. Journal of Immunology, 2012, 188, 135-145.	0.4	76
21	Kill and spread the word: stimulation of antitumor immune responses in the context of radiotherapy. Immunotherapy, 2014, 6, 597-610.	1.0	63
22	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
23	Plasminogen Activator Inhibitor-1 Promotes Neutrophil Infiltration and Tissue Injury on Ischemia $\alpha$ -Reperfusion. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 829-842.	1.1	51
24	Attraction of phagocytes by apoptotic cells is mediated by lysophosphatidylcholine. Autoimmunity, 2007, 40, 342-344.	1.2	50
25	Moonlighting osteoclasts as undertakers of apoptotic cells. Autoimmunity, 2012, 45, 612-619.	1.2	50
26	Release of lysophospholipid $\alpha$ -find-me $\alpha$ ™ signals during apoptosis requires the ATP-binding cassette transporter A1. Autoimmunity, 2012, 45, 568-573.	1.2	45
27	Analysis of clonogenic growth in vitro. Nature Protocols, 2021, 16, 4963-4991.	5.5	45
28	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
29	Release of monocyte migration signals by breast cancer cell lines after ablative and fractionated $\beta$ -irradiation. Radiation Oncology, 2014, 9, 85.	1.2	40
30	HSP90 inhibition as a means of radiosensitizing resistant, aggressive soft tissue sarcomas. Cancer Letters, 2015, 365, 211-222.	3.2	40
31	Cleavage and Cell Adhesion Properties of Human Epithelial Cell Adhesion Molecule (HEPCAM). Journal of Biological Chemistry, 2015, 290, 24574-24591.	1.6	38
32	Immunological aspects of radiotherapy. Radiation Oncology, 2014, 9, 185.	1.2	37
33	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
34	A synthetic lethal screen identifies ATR-inhibition as a novel therapeutic approach for POLD1-deficient cancers. Oncotarget, 2016, 7, 7080-7095.	0.8	35
35	A 4-miRNA signature predicts the therapeutic outcome of glioblastoma. Oncotarget, 2016, 7, 45764-45775.	0.8	35
36	Apoptosis induction and tumor cell repopulation: The yin and yang of radiotherapy. Radiation Oncology, 2011, 6, 176.	1.2	34

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37	Serum-Derived Plasminogen Is Activated by Apoptotic Cells and Promotes Their Phagocytic Clearance. <i>Journal of Immunology</i> , 2012, 189, 5722-5728.	0.4	34
38	On the analysis of clonogenic survival data: Statistical alternatives to the linear-quadratic model. <i>Radiation Oncology</i> , 2016, 11, 11.	1.2	32
39	Strategies to relieve immunosuppression in pancreatic cancer. <i>Immunotherapy</i> , 2015, 7, 363-376.	1.0	30
40	Bevacizumab and radiotherapy for the treatment of glioblastoma: brothers in arms or unholy alliance?. <i>Oncotarget</i> , 2016, 7, 2313-2328.	0.8	29
41	Phagocytosis of dying tumor cells by human peritoneal mesothelial cells. <i>Journal of Cell Science</i> , 2011, 124, 1644-1654.	1.2	28
42	Immunotherapy Mythbusters in Head and Neck Cancer: The Abscopal Effect and Pseudoprogression. <i>American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting</i> , 2019, 39, 352-363.	1.8	28
43	Towards a novel small animal proton irradiation platform: the SIRMIO project. <i>Acta Oncol</i> , 2019, 58, 1470-1475.	0.8	27
44	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. <i>Oncotarget</i> , 2016, 7, 43199-43219.	0.8	24
45	Interconnection between DNA damage senescence inflammation and cancer. <i>Frontiers in Bioscience - Landmark</i> , 2017, 22, 348-369.	3.0	24
46	Early senescence and production of senescence-associated cytokines are major determinants of radioresistance in head-and-neck squamous cell carcinoma. <i>Cell Death and Disease</i> , 2021, 12, 1162.	2.7	23
47	Tumor Biology: With a Little Help from My Dying Friends. <i>Current Biology</i> , 2015, 25, R198-R201.	1.8	22
48	Genomic amplification of Fanconi anemia complementation group A (FancA) in head and neck squamous cell carcinoma (HNSCC): Cellular mechanisms of radioresistance and clinical relevance. <i>Cancer Letters</i> , 2017, 386, 87-99.	3.2	21
49	External Beam Radiation Therapy Enhances Mesenchymal Stem Cell-Mediated Sodium-Iodide Symporter Gene Delivery. <i>Human Gene Therapy</i> , 2018, 29, 1287-1300.	1.4	21
50	The clonogenic assay: robustness of plating efficiency-based analysis is strongly compromised by cellular cooperation. <i>Radiation Oncology</i> , 2020, 15, 248.	1.2	19
51	SIRP $\alpha$ -antibody fusion proteins stimulate phagocytosis and promote elimination of acute myeloid leukemia cells. <i>Oncotarget</i> , 2017, 8, 11284-11301.	0.8	17
52	Comparison of detection methods for HPV status as a prognostic marker for loco-regional control after radiochemotherapy in patients with HNSCC. <i>Radiotherapy and Oncology</i> , 2018, 127, 27-35.	0.3	17
53	Metformin Protects against Radiation-Induced Acute Effects by Limiting Senescence of Bronchial-Epithelial Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7064.	1.8	17
54	Reprogramming of myeloid angiogenic cells by <i>Bartonella henselae</i> leads to microenvironmental regulation of pathological angiogenesis. <i>Cellular Microbiology</i> , 2015, 17, 1447-1463.	1.1	15

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55	Hyperthermia adds to trabectedin effectiveness and thermal enhancement is associated with BRCA2 degradation and impairment of DNA homologous recombination repair. <i>International Journal of Cancer</i> , 2016, 139, 467-479.	2.3	14
56	Therapy-Related Transcriptional Subtypes in Matched Primary and Recurrent Head and Neck Cancer. <i>Clinical Cancer Research</i> , 2022, 28, 1038-1052.	3.2	13
57	Inhibition of HSP90 as a Strategy to Radiosensitize Glioblastoma: Targeting the DNA Damage Response and Beyond. <i>Frontiers in Oncology</i> , 2021, 11, 612354.	1.3	12
58	Systemic but not MDSC-specific IRF4 deficiency promotes an immunosuppressed tumor microenvironment in a murine pancreatic cancer model. <i>Cancer Immunology, Immunotherapy</i> , 2020, 69, 2101-2112.	2.0	12
59	Vitronectin promotes the vascularization of porous polyethylene biomaterials. <i>Acta Biomaterialia</i> , 2018, 82, 24-33.	4.1	11
60	Integrative analysis of the microRNA-mRNA response to radiochemotherapy in primary head and neck squamous cell carcinoma cells. <i>BMC Genomics</i> , 2015, 16, 654.	1.2	10
61	Therapy of lymphoma by immune checkpoint inhibitors: the role of T cells, NK cells and cytokine-induced tumor senescence. , 2021, 9, e001660.		10
62	PSMA PET Imaging in Glioblastoma: A Preclinical Evaluation and Theranostic Outlook. <i>Frontiers in Oncology</i> , 2021, 11, 774017.	1.3	10
63	Autoimmunity vs. cancer: Predator vs. alien?. <i>Autoimmunity</i> , 2013, 46, 287-293.	1.2	9
64	Elevated Serum Lysophosphatidylcholine in Patients with Systemic Lupus Erythematosus Impairs Phagocytosis of Necrotic Cells In Vitro. <i>Frontiers in Immunology</i> , 2017, 8, 1876.	2.2	9
65	Plasma Metabolome Profiling Identifies Metabolic Subtypes of Pancreatic Ductal Adenocarcinoma. <i>Cells</i> , 2021, 10, 1821.	1.8	9
66	Apoptotic Cell Clearance and Its Role in the Origin and Resolution of Chronic Inflammation. <i>Frontiers in Immunology</i> , 2015, 6, 139.	2.2	8
67	Contrast-enhanced, conebeam CT-based, fractionated radiotherapy and follow-up monitoring of orthotopic mouse glioblastoma: a proof-of-concept study. <i>Radiation Oncology</i> , 2020, 15, 19.	1.2	8
68	Longitudinal [18F]GE-180 PET Imaging Facilitates In Vivo Monitoring of TSPO Expression in the GL261 Glioblastoma Mouse Model. <i>Biomedicines</i> , 2022, 10, 738.	1.4	8
69	Uncoupled biological and chronological aging of neutrophils in cancer promotes tumor progression. , 2021, 9, e003495.		7
70	Priming of Anti-tumor Immune Mechanisms by Radiotherapy Is Augmented by Inhibition of Heat Shock Protein 90. <i>Frontiers in Oncology</i> , 2020, 10, 1668.	1.3	5
71	uPA heteromerization promotes breast cancer progression by attracting tumorigenic neutrophils. <i>EMBO Molecular Medicine</i> , 2021, 13, e13110.	3.3	5
72	IL1 Pathway in HPV-Negative HNSCC Cells Is an Indicator of Radioresistance After Photon and Carbon Ion Irradiation Without Functional Involvement. <i>Frontiers in Oncology</i> , 2022, 12, 878675.	1.3	5

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73	Differences in Cell-Intrinsic Inflammatory Programs of Yolk Sac and Bone Marrow Macrophages. <i>Cells</i> , 2021, 10, 3564.	1.8	4
74	Integrative analysis of therapy resistance and transcriptomic profiling data in glioblastoma cells identifies sensitization vulnerabilities for combined modality radiochemotherapy. <i>Radiation Oncology</i> , 2022, 17, 79.	1.2	3
75	Editorial: Apoptotic Cell Clearance in Health and Disease. <i>Frontiers in Immunology</i> , 2018, 9, 2154.	2.2	2
76	Butterfly-Net: Spatial-Temporal Architecture For Medical Image Segmentation. , 2021, , .		2
77	X-change symposium: status and future of modern radiation oncologyâ€™from technology to biology. <i>Radiation Oncology</i> , 2021, 16, 27.	1.2	1
78	Transcriptomic landscape of radiation-induced murine thyroid proliferative lesions. <i>Endocrine-Related Cancer</i> , 2021, 28, 213-224.	1.6	0
79	Aged neutrophils fuel tumor progression: Good cells gone bad. <i>FASEB Journal</i> , 2019, 33, 542.11.	0.2	0