

Laurie Ailles

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

5,450
citations

304743

22
h-index

243625

44
g-index

46
all docs

46
docs citations

46
times ranked

10211
citing authors

#	ARTICLE	IF	CITATIONS
1	A role for Wnt signalling in self-renewal of haematopoietic stem cells. <i>Nature</i> , 2003, 423, 409-414.	27.8	1,981
2	An Immune Atlas of Clear Cell Renal Cell Carcinoma. <i>Cell</i> , 2017, 169, 736-749.e18.	28.9	751
3	Identification, molecular characterization, clinical prognosis, and therapeutic targeting of human bladder tumor-initiating cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 14016-14021.	7.1	584
4	Functional genomic landscape of cancer-intrinsic evasion of killing by T cells. <i>Nature</i> , 2020, 586, 120-126.	27.8	249
5	Tumor-Initiating Cells Are Rare in Many Human Tumors. <i>Cell Stem Cell</i> , 2010, 7, 279-282.	11.1	205
6	Impaired H3K36 methylation defines a subset of head and neck squamous cell carcinomas. <i>Nature Genetics</i> , 2017, 49, 180-185.	21.4	195
7	Loss of the Timp gene family is sufficient for the acquisition of the CAF-like cell state. <i>Nature Cell Biology</i> , 2014, 16, 889-901.	10.3	174
8	Developmental signaling pathways in cancer stem cells of solid tumors. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 2481-2495.	2.4	159
9	Metabolic regulation of dermal fibroblasts contributes to skin extracellular matrix homeostasis and fibrosis. <i>Nature Metabolism</i> , 2019, 1, 147-157.	11.9	150
10	Robust and Efficient Regulation of Transgene Expression in Vivo by Improved Tetracycline-Dependent Lentiviral Vectors. <i>Molecular Therapy</i> , 2002, 5, 252-261.	8.2	145
11	Lentiviral gene transfer and ex vivo expansion of human primitive stem cells capable of primary, secondary, and tertiary multilineage repopulation in NOD/SCID mice. <i>Blood</i> , 2002, 100, 4391-4400.	1.4	84
12	Cell Surface Profiling Using High-Throughput Flow Cytometry: A Platform for Biomarker Discovery and Analysis of Cellular Heterogeneity. <i>PLoS ONE</i> , 2014, 9, e105602.	2.5	65
13	Proteomic Analysis of Cancer-Associated Fibroblasts Reveals a Paracrine Role for MFAP5 in Human Oral Tongue Squamous Cell Carcinoma. <i>Journal of Proteome Research</i> , 2018, 17, 2045-2059.	3.7	65
14	A NEUROSURGEON'S GUIDE TO STEM CELLS, CANCER STEM CELLS, AND BRAIN TUMOR STEM CELLS. <i>Neurosurgery</i> , 2009, 65, 237-250.	1.1	62
15	Separating Stem Cells by Flow Cytometry: Reducing Variability for Solid Tissues. <i>Cell Stem Cell</i> , 2009, 5, 579-583.	11.1	58
16	Patient-Derived Xenografts for Prognostication and Personalized Treatment for Head and Neck Squamous Cell Carcinoma. <i>Cell Reports</i> , 2018, 25, 1318-1331.e4.	6.4	56
17	A TRACER 3D Co-Culture tumour model for head and neck cancer. <i>Biomaterials</i> , 2018, 164, 54-69.	11.4	53
18	Transcriptional Targeting of Lentiviral Vectors by Long Terminal Repeat Enhancer Replacement. <i>Journal of Virology</i> , 2002, 76, 3996-4007.	3.4	52

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19	Interrogation of Functional Cell-Surface Markers Identifies CD151 Dependency in High-Grade Serous Ovarian Cancer. <i>Cell Reports</i> , 2017, 18, 2343-2358.	6.4	38
20	PI3K Inhibitors Curtail MYC-Dependent Mutant p53 Gain-of-Function in Head and Neck Squamous Cell Carcinoma. <i>Clinical Cancer Research</i> , 2020, 26, 2956-2971.	7.0	33
21	N-Glycoproteomics of Patient-Derived Xenografts: A Strategy to Discover Tumor-Associated Proteins in High-Grade Serous Ovarian Cancer. <i>Cell Systems</i> , 2019, 8, 345-351.e4.	6.2	31
22	Molecular evidence of lentiviral vector-mediated gene transfer into human self-renewing, multi-potent, long-term NOD/SCID repopulating hematopoietic cells. <i>Molecular Therapy</i> , 2002, 6, 615-26.	8.2	25
23	A TRACER culture invasion assay to probe the impact of cancer associated fibroblasts on head and neck squamous cell carcinoma cell invasiveness. <i>Biomaterials Science</i> , 2020, 8, 3078-3094.	5.4	24
24	Efficient generation of patient-matched malignant and normal primary cell cultures from clear cell renal cell carcinoma patients: clinically relevant models for research and personalized medicine. <i>BMC Cancer</i> , 2016, 16, 485.	2.6	23
25	Clonal evolution and tumor-initiating cells: New dimensions in cancer patient treatment. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2016, 53, 40-51.	6.1	19
26	A controlled trial of HNSCC patient-derived xenografts reveals broad efficacy of PI3K± inhibition in controlling tumor growth. <i>International Journal of Cancer</i> , 2019, 145, 2100-2106.	5.1	17
27	Hedgehog inhibition mediates radiation sensitivity in mouse xenograft models of human esophageal adenocarcinoma. <i>PLoS ONE</i> , 2018, 13, e0194809.	2.5	16
28	Identification of CD146 as a marker enriched for tumor-propagating capacity reveals targetable pathways in primary human sarcoma. <i>Oncotarget</i> , 2015, 6, 40283-40294.	1.8	15
29	Isolation and Characterization of Cancer Stem Cells In Vitro. <i>Methods in Molecular Biology</i> , 2013, 946, 181-204.	0.9	13
30	Gels for Live Analysis of Compartmentalized Environments (GLAnCE): A tissue model to probe tumour phenotypes at tumour-stroma interfaces. <i>Biomaterials</i> , 2020, 228, 119572.	11.4	12
31	Targeting the Hedgehog Pathway in Cancer: Can the Spines Be Smoothened?. <i>Clinical Cancer Research</i> , 2011, 17, 2071-2073.	7.0	11
32	Rapid determination of the tumour stroma ratio in squamous cell carcinomas with desorption electrospray ionization mass spectrometry (DESI-MS): a proof-of-concept demonstration. <i>Analyst</i> , The, 2017, 142, 3250-3260.	3.5	11
33	3D microgels to quantify tumor cell properties and therapy response dynamics. <i>Biomaterials</i> , 2022, 283, 121417.	11.4	11
34	MicroSPECT/CT Imaging of Cell-Line and Patient-Derived EGFR-Positive Tumor Xenografts in Mice with Panitumumab Fab Modified with Hexahistidine Peptides To Enable Labeling with ^{99m} Tc(l) Tricarbonyl Complex. <i>Molecular Pharmaceutics</i> , 2019, 16, 3559-3568.	4.6	10
35	Flavopiridol causes cell cycle inhibition and demonstrates anti-cancer activity in anaplastic thyroid cancer models. <i>PLoS ONE</i> , 2020, 15, e0239315.	2.5	10
36	Establishment and Use of Patient-Derived Xenograft Models for Drug Testing in Head and Neck Squamous Cell Carcinoma. <i>STAR Protocols</i> , 2020, 1, 100024.	1.2	10

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37	Identification of phenotypic neural stem cells in a pediatric astroblastoma. <i>Journal of Neurosurgery: Pediatrics</i> , 2005, 103, 446-450.	1.3	8
38	Stem/progenitor cell marker expression in clear cell renal cell carcinoma: a potential relationship with the immune microenvironment to be explored. <i>BMC Cancer</i> , 2020, 20, 272.	2.6	6
39	Spleen tyrosine kinase expression is correlated with human papillomavirus in head and neck cancer. <i>Oral Oncology</i> , 2020, 101, 104529.	1.5	5
40	Dose predictions for [177Lu]Lu-DOTA-panitumumab F(ab'2) in NRG mice with HNSCC patient-derived tumour xenografts based on [64Cu]Cu-DOTA-panitumumab F(ab'2) – implications for a PET theranostic strategy. <i>EJNMMI Radiopharmacy and Chemistry</i> , 2021, 6, 25.	3.9	5
41	Low junctional adhesion molecule-A expression is associated with an epithelial to mesenchymal transition and poorer outcomes in high-grade serous carcinoma of uterine adnexa. <i>Modern Pathology</i> , 2020, 33, 2361-2377.	5.5	4
42	Patient-derived xenografts: a promising resource for preclinical cancer research. <i>Molecular and Cellular Oncology</i> , 2019, 6, 1558684.	0.7	3
43	Development and Validation of an Oral Cavity Cancer Outcomes Prediction Score Incorporating Patient-Derived Xenograft Engraftment. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2022, , .	2.2	1
44	Side population analysis in clear cell renal cell carcinoma. <i>Biochemical and Biophysical Research Communications</i> , 2021, 585, 196-202.	2.1	0