

Charlotte Kuperwasser

List of Publications by Year in descending order

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Version: 2024-02-01

74
papers

11,891
citations

57758

44
h-index

79698

73
g-index

75
all docs

75
docs citations

75
times ranked

17182
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of Occult Recurrence Using Circulating Tumor Tissue Modified Viral HPV DNA among Patients Treated for HPV-Driven Oropharyngeal Carcinoma. <i>Clinical Cancer Research</i> , 2022, 28, 4292-4301.	7.0	45
2	Evolving barcodes shed light into evolving metastases. <i>Developmental Cell</i> , 2021, 56, 1077-1079.	7.0	1
3	Microenvironmental control of cell fate decisions in mammary gland development and cancer. <i>Developmental Cell</i> , 2021, 56, 1875-1883.	7.0	12
4	Breast tissue regeneration is driven by cell-matrix interactions coordinating multi-lineage stem cell differentiation through DDR1. <i>Nature Communications</i> , 2021, 12, 7116.	12.8	10
5	Loss of Slug Compromises DNA Damage Repair and Accelerates Stem Cell Aging in Mammary Epithelium. <i>Cell Reports</i> , 2019, 28, 394-407.e6.	6.4	30
6	Identification of FUBP1 as a Long Tail Cancer Driver and Widespread Regulator of Tumor Suppressor and Oncogene Alternative Splicing. <i>Cell Reports</i> , 2019, 28, 3435-3449.e5.	6.4	32
7	Molecular regulation of Snai2 in development and disease. <i>Journal of Cell Science</i> , 2019, 132, .	2.0	71
8	Phenotypic Plasticity: Driver of Cancer Initiation, Progression, and Therapy Resistance. <i>Cell Stem Cell</i> , 2019, 24, 65-78.	11.1	399
9	BCL11B Drives Human Mammary Stem Cell Self-Renewal In Vitro by Inhibiting Basal Differentiation. <i>Stem Cell Reports</i> , 2018, 10, 1131-1145.	4.8	9
10	Premature polyadenylation of MAGI3 is associated with diminished N6-methyladenosine in its large internal exon. <i>Scientific Reports</i> , 2018, 8, 1415.	3.3	17
11	Mechanisms of HERV-K (HML-2) Transcription during Human Mammary Epithelial Cell Transformation. <i>Journal of Virology</i> , 2018, 92, .	3.4	33
12	Promoter expression of HERV-K (HML-2) provirus-derived sequences is related to LTR sequence variation and polymorphic transcription factor binding sites. <i>Retrovirology</i> , 2018, 15, 57.	2.0	33
13	Automated quantification of three-dimensional organization of fiber-like structures in biological tissues. <i>Biomaterials</i> , 2017, 116, 34-47.	11.4	55
14	Loss of RasGAP Tumor Suppressors Underlies the Aggressive Nature of Luminal B Breast Cancers. <i>Cancer Discovery</i> , 2017, 7, 202-217.	9.4	57
15	Epigenetic Reprogramming of Lineage-Committed Human Mammary Epithelial Cells Requires DNMT3A and Loss of DOT1L. <i>Stem Cell Reports</i> , 2017, 9, 943-955.	4.8	16
16	Extracellular superoxide dismutase inhibits hepatocyte growth factor-mediated breast cancer-fibroblast interactions. <i>Oncotarget</i> , 2017, 8, 107390-107408.	1.8	6
17	Cell Fate Decisions During Breast Cancer Development. <i>Journal of Developmental Biology</i> , 2016, 4, 4.	1.7	22
18	The fibroblast Tiam1-osteopontin pathway modulates breast cancer invasion and metastasis. <i>Breast Cancer Research</i> , 2016, 18, 14.	5.0	51

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19	The SIRT2 Deacetylase Stabilizes Slug to Control Malignancy of Basal-like Breast Cancer. <i>Cell Reports</i> , 2016, 17, 1302-1317.	6.4	85
20	BRCA1-haploinsufficiency: Unraveling the molecular and cellular basis for tissue-specific cancer. <i>Cell Cycle</i> , 2016, 15, 621-627.	2.6	22
21	Premature polyadenylation of MAGI3 produces a dominantly-acting oncogene in human breast cancer. <i>ELife</i> , 2016, 5, .	6.0	20
22	CoREST1 Promotes Tumor Formation and Tumor Stroma Interactions in a Mouse Model of Breast Cancer. <i>PLoS ONE</i> , 2015, 10, e0121281.	2.5	7
23	Ultra-sensitive protein detection via Single Molecule Arrays towards early stage cancer monitoring. <i>Scientific Reports</i> , 2015, 5, 11034.	3.3	43
24	Form and Function: how Estrogen and Progesterone Regulate the Mammary Epithelial Hierarchy. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2015, 20, 9-25.	2.7	100
25	Haploinsufficiency for BRCA1 leads to cell-type-specific genomic instability and premature senescence. <i>Nature Communications</i> , 2015, 6, 7505.	12.8	101
26	Rapid three-dimensional quantification of voxel-wise collagen fiber orientation. <i>Biomedical Optics Express</i> , 2015, 6, 2294.	2.9	52
27	Working stiff: How obesity boosts cancer risk. <i>Science Translational Medicine</i> , 2015, 7, 301fs34.	12.4	13
28	Humanization of the Mouse Mammary Gland. <i>Methods in Molecular Biology</i> , 2015, 1293, 173-186.	0.9	7
29	Human Breast Progenitor Cell Numbers Are Regulated by WNT and TBX3. <i>PLoS ONE</i> , 2014, 9, e111442.	2.5	18
30	SLUG: Critical regulator of epithelial cell identity in breast development and cancer. <i>Cell Adhesion and Migration</i> , 2014, 8, 578-587.	2.7	108
31	Anatomical localization of progenitor cells in human breast tissue reveals enrichment of uncommitted cells within immature lobules. <i>Breast Cancer Research</i> , 2014, 16, 453.	5.0	26
32	NDY1/KDM2B Functions as a Master Regulator of Polycomb Complexes and Controls Self-Renewal of Breast Cancer Stem Cells. <i>Cancer Research</i> , 2014, 74, 3935-3946.	0.9	79
33	Cell-State Transitions Regulated by SLUG Are Critical for Tissue Regeneration and Tumor Initiation. <i>Stem Cell Reports</i> , 2014, 2, 633-647.	4.8	85
34	The Hippo Transducer TAZ Interacts with the SWI/SNF Complex to Regulate Breast Epithelial Lineage Commitment. <i>Cell Reports</i> , 2014, 6, 1059-1072.	6.4	139
35	Pregnancy-associated breast cancers are driven by differences in adipose stromal cells present during lactation. <i>Breast Cancer Research</i> , 2014, 16, R2.	5.0	26
36	The RasGAP Gene, RASAL2, Is a Tumor and Metastasis Suppressor. <i>Cancer Cell</i> , 2013, 24, 365-378.	16.8	120

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37	Using defined fingerâ€“finger interfaces as units of assembly for constructing zinc-finger nucleases. <i>Nucleic Acids Research</i> , 2013, 41, 2455-2465.	14.5	27
38	Obesity Promotes Breast Cancer by CCL2-Mediated Macrophage Recruitment and Angiogenesis. <i>Cancer Research</i> , 2013, 73, 6080-6093.	0.9	220
39	GLI1 regulates a novel neuropilinâ€“ $\alpha 6$ integrin based autocrine pathway that contributes to breast cancer initiation. <i>EMBO Molecular Medicine</i> , 2013, 5, 488-508.	6.9	140
40	Human Mammary Epithelial Stem/Progenitor Cells. , 2013, , 235-244.		0
41	Estrogen Promotes ER-Negative Tumor Growth and Angiogenesis through Mobilization of Bone Marrowâ€“Derived Monocytes. <i>Cancer Research</i> , 2012, 72, 2705-2713.	0.9	51
42	Cyclin D1 Activity Regulates Autophagy and Senescence in the Mammary Epithelium. <i>Cancer Research</i> , 2012, 72, 6477-6489.	0.9	62
43	Fibroblast-secreted hepatocyte growth factor mediates epidermal growth factor receptor tyrosine kinase inhibitor resistance in triple-negative breast cancers through paracrine activation of Met. <i>Breast Cancer Research</i> , 2012, 14, R104.	5.0	87
44	Defining the cellular precursors to human breast cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 2772-2777.	7.1	185
45	Stromal biomarkers in breast cancer development and progression. <i>Clinical and Experimental Metastasis</i> , 2012, 29, 663-672.	3.3	32
46	Stochastic State Transitions Give Rise to Phenotypic Equilibrium in Populations of Cancer Cells. <i>Cell</i> , 2011, 146, 633-644.	28.9	1,334
47	Genetic Predisposition Directs Breast Cancer Phenotype by Dictating Progenitor Cell Fate. <i>Cell Stem Cell</i> , 2011, 8, 149-163.	11.1	327
48	Stem Cell Maintenance of the Mammary Gland: It Takes Two. <i>Cell Stem Cell</i> , 2011, 9, 496-497.	11.1	13
49	Functional Heterogeneity of Breast Fibroblasts Is Defined by a Prostaglandin Secretory Phenotype that Promotes Expansion of Cancer-Stem Like Cells. <i>PLoS ONE</i> , 2011, 6, e24605.	2.5	47
50	Normal and neoplastic nonstem cells can spontaneously convert to a stem-like state. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 7950-7955.	7.1	1,024
51	The Tumor Stromal Microenvironment as Modulator of Malignant Behavior. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2010, 15, 377-379.	2.7	10
52	Cyclin D1 Kinase Activity Is Required for the Self-Renewal of Mammary Stem and Progenitor Cells that Are Targets of MMTV-ErbB2 Tumorigenesis. <i>Cancer Cell</i> , 2010, 17, 65-76.	16.8	123
53	Estrogen expands breast cancer stem-like cells through paracrine FGF/Tbx3 signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 21737-21742.	7.1	236
54	Mapping the cellular and molecular heterogeneity of normal and malignant breast tissues and cultured cell lines. <i>Breast Cancer Research</i> , 2010, 12, R87.	5.0	165

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55	Stroma in breast development and disease. <i>Seminars in Cell and Developmental Biology</i> , 2010, 21, 11-18.	5.0	113
56	The contribution of dynamic stromal remodeling during mammary development to breast carcinogenesis. <i>Breast Cancer Research</i> , 2010, 12, 205.	5.0	32
57	Dissecting genetic requirements of human breast tumorigenesis in a tissue transgenic model of human breast cancer in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 7022-7027.	7.1	51
58	A Novel Lung Metastasis Signature Links Wnt Signaling with Cancer Cell Self-Renewal and Epithelial-Mesenchymal Transition in Basal-like Breast Cancer. <i>Cancer Research</i> , 2009, 69, 5364-5373.	0.9	360
59	Identification of Selective Inhibitors of Cancer Stem Cells by High-Throughput Screening. <i>Cell</i> , 2009, 138, 645-659.	28.9	2,200
60	Distinct roles of the three Akt isoforms in lactogenic differentiation and involution. <i>Journal of Cellular Physiology</i> , 2008, 217, 468-477.	4.1	75
61	Human breast cancer cell lines contain stem-like cells that self-renew, give rise to phenotypically diverse progeny and survive chemotherapy. <i>Breast Cancer Research</i> , 2008, 10, R25.	5.0	902
62	Endothelial Akt Signaling Is Rate-Limiting for Rapamycin Inhibition of Mouse Mammary Tumor Progression. <i>Cancer Research</i> , 2007, 67, 5070-5075.	0.9	54
63	Alterations of the HBP1 Transcriptional Repressor Are Associated with Invasive Breast Cancer. <i>Cancer Research</i> , 2007, 67, 6136-6145.	0.9	51
64	Systemic Stromal Effects of Estrogen Promote the Growth of Estrogen Receptor-“Negative Cancers. <i>Cancer Research</i> , 2007, 67, 2062-2071.	0.9	149
65	Human breast cancer stem cell markers CD44 and CD24: enriching for cells with functional properties in mice or in man?. <i>Breast Cancer Research</i> , 2007, 9, 303.	5.0	132
66	Contributions of estrogen to ER-negative breast tumor growth. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2006, 102, 71-78.	2.5	69
67	Reconstruction of human mammary tissues in a mouse model. <i>Nature Protocols</i> , 2006, 1, 206-214.	12.0	131
68	The melanocyte differentiation program predisposes to metastasis after neoplastic transformation. <i>Nature Genetics</i> , 2005, 37, 1047-1054.	21.4	404
69	Stroma: Tumor Agonist or Antagonist. <i>Cell Cycle</i> , 2005, 4, 1022-1025.	2.6	48
70	A Mouse Model of Human Breast Cancer Metastasis to Human Bone. <i>Cancer Research</i> , 2005, 65, 6130-6138.	0.9	178
71	Reconstruction of functionally normal and malignant human breast tissues in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 4966-4971.	7.1	704
72	Disease models of breast cancer. <i>Drug Discovery Today: Disease Models</i> , 2004, 1, 9-16.	1.2	12

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73	Development of Spontaneous Mammary Tumors in BALB/c p53 Heterozygous Mice. American Journal of Pathology, 2000, 157, 2151-2159.	3.8	178
74	Regulation of p53 and its targets during involution of the mammary gland. Journal of Mammary Gland Biology and Neoplasia, 1999, 4, 177-181.	2.7	15