

Susan Done

List of Publications by Year in descending order

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Version: 2024-02-01

100
papers

4,190
citations

94269

37
h-index

123241

61
g-index

103
all docs

103
docs citations

103
times ranked

7587
citing authors

#	ARTICLE	IF	CITATIONS
1	Glutathione and Thioredoxin Antioxidant Pathways Synergize to Drive Cancer Initiation and Progression. <i>Cancer Cell</i> , 2015, 27, 211-222.	7.7	748
2	Metformin in early breast cancer: a prospective window of opportunity neoadjuvant study. <i>Breast Cancer Research and Treatment</i> , 2012, 135, 821-830.	1.1	213
3	GLUT1 inhibition blocks growth of RB1-positive triple negative breast cancer. <i>Nature Communications</i> , 2020, 11, 4205.	5.8	130
4	MYC Protein Interactome Profiling Reveals Functionally Distinct Regions that Cooperate to Drive Tumorigenesis. <i>Molecular Cell</i> , 2018, 72, 836-848.e7.	4.5	121
5	Identification of a Low-Risk Luminal A Breast Cancer Cohort That May Not Benefit From Breast Radiotherapy. <i>Journal of Clinical Oncology</i> , 2015, 33, 2035-2040.	0.8	118
6	Associations between the uptake of ¹¹¹ In-DTPA-trastuzumab, HER2 density and response to trastuzumab (Herceptin) in athymic mice bearing subcutaneous human tumour xenografts. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2009, 36, 81-93.	3.3	108
7	Changes in insulin receptor signaling underlie neoadjuvant metformin administration in breast cancer: a prospective window of opportunity neoadjuvant study. <i>Breast Cancer Research</i> , 2015, 17, 32.	2.2	92
8	A Four-Chemokine Signature Is Associated with a T-cell "Inflamed Phenotype in Primary and Metastatic Pancreatic Cancer. <i>Clinical Cancer Research</i> , 2020, 26, 1997-2010.	3.2	91
9	Role of Antibody-Mediated Tumor Targeting and Route of Administration in Nanoparticle Tumor Accumulation in Vivo. <i>Molecular Pharmaceutics</i> , 2012, 9, 2168-2179.	2.3	90
10	Role of Nek2 on centrosome duplication and aneuploidy in breast cancer cells. <i>Oncogene</i> , 2014, 33, 2375-2384.	2.6	90
11	The use of whole genome amplification in the study of human disease. <i>Progress in Biophysics and Molecular Biology</i> , 2005, 88, 173-189.	1.4	80
12	Proteomic Analyses Reveal High Expression of Decorin and Endoplasmic (HSP90B1) Are Associated with Breast Cancer Metastasis and Decreased Survival. <i>PLoS ONE</i> , 2012, 7, e30992.	1.1	80
13	Changes of collagen ultrastructure in breast cancer tissue determined by second-harmonic generation double Stokes-Mueller polarimetric microscopy. <i>Biomedical Optics Express</i> , 2016, 7, 4054.	1.5	78
14	Evidence for biological effects of metformin in operable breast cancer: biomarker analysis in a pre-operative window of opportunity randomized trial. <i>Breast Cancer Research and Treatment</i> , 2015, 150, 149-155.	1.1	77
15	Micro-SPECT/CT with ¹¹¹ In-DTPA-Pertuzumab Sensitive Detects Trastuzumab-Mediated <i>HER2</i> Downregulation and Tumor Response in Athymic Mice Bearing MDA-MB-361 Human Breast Cancer Xenografts. <i>Journal of Nuclear Medicine</i> , 2009, 50, 1340-1348.	2.8	76
16	Somatic mutations in the BRCA1 gene in Chinese sporadic breast and ovarian cancer. <i>Oncogene</i> , 1999, 18, 4643-4646.	2.6	74
17	p53 Missense Mutations in Microdissected High-Grade Ductal Carcinoma In Situ of the Breast. <i>Journal of the National Cancer Institute</i> , 2001, 93, 700-704.	3.0	72
18	Antitumor Effects and Normal-Tissue Toxicity of ¹¹¹ In-Nuclear Localization Sequence-Trastuzumab in Athymic Mice Bearing <i>HER2</i> -Positive Human Breast Cancer Xenografts. <i>Journal of Nuclear Medicine</i> , 2010, 51, 1084-1091.	2.8	61

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19	Transforming Acidic Coiled Coil 1 Promotes Transformation and Mammary Tumorigenesis. <i>Cancer Research</i> , 2005, 65, 10363-10370.	0.4	57
20	Local control with conventional and hypofractionated adjuvant radiotherapy after breast-conserving surgery for ductal carcinoma in-situ. <i>Radiotherapy and Oncology</i> , 2010, 95, 317-320.	0.3	56
21	Digital Compared with Screen-Film Mammography: Performance Measures in Concurrent Cohorts within an Organized Breast Screening Program. <i>Radiology</i> , 2013, 268, 684-693.	3.6	56
22	Can we select individuals with low risk ductal carcinoma in situ (DCIS)? A population-based outcomes analysis. <i>Breast Cancer Research and Treatment</i> , 2013, 138, 581-590.	1.1	55
23	Performance Measures of Magnetic Resonance Imaging Plus Mammography in the High Risk Ontario Breast Screening Program. <i>Journal of the National Cancer Institute</i> , 2020, 112, 136-144.	3.0	55
24	Identification of genomic signatures in circulating tumor cells from breast cancer. <i>International Journal of Cancer</i> , 2015, 137, 332-344.	2.3	54
25	Long-term Outcomes of Hypofractionation Versus Conventional Radiation Therapy After Breast-Conserving Surgery for Ductal Carcinoma In Situ of the Breast. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 90, 1017-1024.	0.4	53
26	Genomic Differences Between Pure Ductal Carcinoma <i><i>In Situ</i></i> of the Breast and that Associated with Invasive Disease: a Calibrated aCGH Study. <i>Clinical Cancer Research</i> , 2008, 14, 4446-4454.	3.2	49
27	Ras Signaling Is a Key Determinant for Metastatic Dissemination and Poor Survival of Luminal Breast Cancer Patients. <i>Cancer Research</i> , 2015, 75, 4960-4972.	0.4	48
28	¹¹¹ In-Bn-DTPA-nimotuzumab with/without modification with nuclear translocation sequence (NLS) peptides: an Auger electron-emitting radioimmunotherapeutic agent for EGFR-positive and trastuzumab (Herceptin)-resistant breast cancer. <i>Breast Cancer Research and Treatment</i> , 2012, 135, 189-200.	1.1	47
29	Cdh1 and Pik3ca Mutations Cooperate to Induce Immune-Related Invasive Lobular Carcinoma of the Breast. <i>Cell Reports</i> , 2018, 25, 702-714.e6.	2.9	47
30	p53 mutations in mammary ductal carcinoma in situ but not in epithelial hyperplasias. <i>Cancer Research</i> , 1998, 58, 785-9.	0.4	47
31	Age at diagnosis predicts local recurrence in women treated with breast-conserving surgery and postoperative radiation therapy for ductal carcinoma in situ: a population-based outcomes analysis. <i>Current Oncology</i> , 2014, 21, 96.	0.9	46
32	Abelson Interactor Protein-1 Positively Regulates Breast Cancer Cell Proliferation, Migration, and Invasion. <i>Molecular Cancer Research</i> , 2007, 5, 1031-1039.	1.5	44
33	Acquisition of metastatic tissue from patients with bone metastases from breast cancer. <i>Breast Cancer Research and Treatment</i> , 2011, 129, 761-765.	1.1	44
34	Brca2 Deficiency Does Not Impair Mammary Epithelium Development but Promotes Mammary Adenocarcinoma Formation in p53+/Δ ⁺ Mutant Mice. <i>Cancer Research</i> , 2004, 64, 1959-1965.	0.4	42
35	Embryonic Protein Nodal Promotes Breast Cancer Vascularization. <i>Cancer Research</i> , 2012, 72, 3851-3863.	0.4	42
36	Incidence of Breast Cancer in Patients with Pure Flat Epithelial Atypia Diagnosed at Core-Needle Biopsy of the Breast. <i>Annals of Surgical Oncology</i> , 2013, 20, 133-138.	0.7	42

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37	¹⁸ F-FDG Small-Animal PET/CT Differentiates Trastuzumab-Responsive from Unresponsive Human Breast Cancer Xenografts in Athymic Mice. <i>Journal of Nuclear Medicine</i> , 2009, 50, 1848-1856.	2.8	36
38	B7-H4 Expression by Nonhematopoietic Cells in the Tumor Microenvironment Promotes Antitumor Immunity. <i>Cancer Immunology Research</i> , 2015, 3, 184-195.	1.6	36
39	TRADD contributes to tumour suppression by regulating ULF-dependent p19Arf ubiquitylation. <i>Nature Cell Biology</i> , 2012, 14, 625-633.	4.6	34
40	Amplification of a calcium channel subunit CACNG4 increases breast cancer metastasis. <i>EBioMedicine</i> , 2020, 52, 102646.	2.7	29
41	Therapeutic inhibition of USP9x-mediated Notch signaling in triple-negative breast cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	29
42	Genomic Alterations in Sporadic Synchronous Primary Breast Cancer Using Array and Metaphase Comparative Genomic Hybridization. <i>Neoplasia</i> , 2007, 9, 511-520.	2.3	28
43	Clinical relevance of DNA microarray analyses using archival formalin-fixed paraffin-embedded breast cancer specimens. <i>BMC Cancer</i> , 2011, 11, 253:1-13.	1.1	28
44	Impact of Boost Radiation in the Treatment of Ductal Carcinoma In Situ: A Population-Based Analysis. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 86, 491-497.	0.4	28
45	Mechanisms and pathways of bone metastasis: challenges and pitfalls of performing molecular research on patient samples. <i>Clinical and Experimental Metastasis</i> , 2009, 26, 935-943.	1.7	27
46	p53 Protein Accumulation in Non-Invasive Lesions Surrounding p53 Mutation Positive Invasive Breast Cancers. <i>Breast Cancer Research and Treatment</i> , 2001, 65, 111-118.	1.1	26
47	Expression of Abl interactor 1 and its prognostic significance in breast cancer: a tissue-array-based investigation. <i>Breast Cancer Research and Treatment</i> , 2011, 129, 373-386.	1.1	26
48	Quantitative detection of circulating epithelial cells by Q-RT-PCR. <i>Breast Cancer Research and Treatment</i> , 2007, 107, 145-154.	1.1	24
49	Digital Compared with Screen-Film Mammography: Measures of Diagnostic Accuracy among Women Screened in the Ontario Breast Screening Program. <i>Radiology</i> , 2016, 278, 365-373.	3.6	24
50	Cell invasion in digital microfluidic microgel systems. <i>Science Advances</i> , 2020, 6, eaba9589.	4.7	24
51	Mitochondrial D310 mutations in the early development of breast cancer. <i>British Journal of Cancer</i> , 2012, 106, 1506-1511.	2.9	22
52	Limited tissue fixation times and whole genomic amplification do not impact array CGH profiles. <i>Journal of Clinical Pathology</i> , 2006, 59, 311-315.	1.0	21
53	Genomic alterations in primary breast cancers compared with their sentinel and more distal lymph node metastases: An aCGH study. <i>Genes Chromosomes and Cancer</i> , 2009, 48, 1091-1101.	1.5	21
54	A new gene expression signature, the ClinicoMolecular Triad Classification, may improve prediction and prognostication of breast cancer at the time of diagnosis. <i>Breast Cancer Research</i> , 2011, 13, R92.	2.2	20

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55	Close or positive resection margins are not associated with an increased risk of chest wall recurrence in women with DCIS treated by mastectomy: a population-based analysis. SpringerPlus, 2015, 4, 335.	1.2	20
56	Breast specimen handling and reporting in the post-neoadjuvant setting: challenges and advances. Journal of Clinical Pathology, 2019, 72, 120-132.	1.0	20
57	Telomere Length on Chromosome 17q Shortens More than Global Telomere Length in the Development of Breast Cancer. Neoplasia, 2007, 9, 265-270.	2.3	19
58	Whole-Genome Amplification by Degenerate Oligonucleotide Primed PCR (DOP-PCR). Cold Spring Harbor Protocols, 2008, 2008, pdb.prot4919.	0.2	19
59	Troglitazone suppresses telomerase activity independently of PPAR α in estrogen-receptor negative breast cancer cells. BMC Cancer, 2010, 10, 390.	1.1	18
60	Annual vs Biennial Screening: Diagnostic Accuracy Among Concurrent Cohorts Within the Ontario Breast Screening Program. Journal of the National Cancer Institute, 2020, 112, 400-409.	3.0	15
61	Feasibility study of autofluorescence mammary ductoscopy. Journal of Biomedical Optics, 2009, 14, 1.	1.4	14
62	Amplification of the prolactin receptor gene in mammary lobular neoplasia. Breast Cancer Research and Treatment, 2011, 128, 31-40.	1.1	14
63	Preclinical pharmacokinetics, biodistribution, radiation dosimetry and acute toxicity studies required for regulatory approval of a Clinical Trial Application for a Phase I/II clinical trial of ¹¹¹ In-BzDTPA-pertuzumab. Nuclear Medicine and Biology, 2015, 42, 78-84.	0.3	14
64	Mapping genomic and transcriptomic alterations spatially in epithelial cells adjacent to human breast carcinoma. Nature Communications, 2017, 8, 1245.	5.8	14
65	Omitting radiation therapy after lumpectomy for pure DCIS does not reduce the risk of salvage mastectomy. Breast, 2018, 37, 181-186.	0.9	14
66	Modelling the MYC-driven normal-to-tumour switch in breast cancer. DMM Disease Models and Mechanisms, 2019, 12, .	1.2	14
67	Whole-Genome Amplification by Improved Primer Extension Preamplification PCR (I-PEP-PCR). Cold Spring Harbor Protocols, 2008, 2008, pdb.prot4921-pdb.prot4921.	0.2	13
68	Machine learning-enabled cancer diagnostics with widefield polarimetric second-harmonic generation microscopy. Scientific Reports, 2022, 12, .	1.6	13
69	Cyclooxygenase-2 Inhibition for the Prophylaxis and Treatment of Preinvasive Breast Cancer in a Her-2/Neu Mouse Model. Cancer Prevention Research, 2010, 3, 202-211.	0.7	12
70	Digital versus screen-film mammography: impact of mammographic density and hormone therapy on breast cancer detection. Breast Cancer Research and Treatment, 2015, 154, 377-387.	1.1	11
71	LAF α is aberrantly expressed in human breast cancer. International Journal of Cancer, 2005, 115, 568-574.	2.3	10
72	Partial characterization of the enhanced survival of female NZB/W mice treated with lithium chloride. International Journal of Immunopharmacology, 1994, 16, 825-833.	1.1	9

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73	Validation of the prognostic gene portfolio, ClinicoMolecular Triad Classification, using an independent prospective breast cancer cohort and external patient populations. <i>Breast Cancer Research</i> , 2014, 16, R71.	2.2	8
74	The tumor cell-derived matrix of lobular breast cancer: a new vulnerability. <i>EMBO Molecular Medicine</i> , 2021, 13, e13807.	3.3	8
75	Single allele loss-of-function mutations select and sculpt conditional cooperative networks in breast cancer. <i>Nature Communications</i> , 2021, 12, 5238.	5.8	8
76	MiNuGAN: Dual Segmentation of Mitoses and Nuclei Using Conditional GANs on Multi-center Breast H&E Images. <i>Journal of Pathology Informatics</i> , 2022, 13, 100002.	0.8	8
77	Comparison of Whole Genome Amplification Methods for Analysis of DNA Extracted from Microdissected Early Breast Lesions in Formalin-Fixed Paraffin-Embedded Tissue. <i>ISRN Oncology</i> , 2012, 2012, 1-10.	2.1	7
78	Lobular neoplasia occult on conventional imaging and diagnosed on MRI-guided biopsy: can we estimate upgrade on surgical pathology?. <i>Breast Cancer Research and Treatment</i> , 2020, 184, 881-890.	1.1	7
79	GenomePlex Whole-Genome Amplification. <i>Cold Spring Harbor Protocols</i> , 2008, 2008, pdb.prot4920.	0.2	5
80	Breast tumour resembling tall cell variant of papillary thyroid carcinoma: case presentation (in a Tj ETQq0 0 0 rgBT /Overlock_10 Tf 50 4	1.0	5
81	Heterogeneity of Circulating Tumor Cell-associated Genomic Gains in Breast Cancer and Its Association with the Host Immune Response. <i>Cancer Research</i> , 2021, 81, 6196-6206.	0.4	5
82	The Role of Stromal Factors in Breast Tumorigenicity. <i>American Journal of Pathology</i> , 2010, 176, 1072-1074.	1.9	4
83	Digital compared to screen-film mammography: breast cancer prognostic features in an organized screening program. <i>Breast Cancer Research and Treatment</i> , 2014, 147, 389-399.	1.1	4
84	Cellular fibroepithelial lesions diagnosed on core needle biopsy: Is there any role of clinical-ultrasound features helping to differentiate fibroadenomas and phyllodes tumor?. <i>Journal of Surgical Oncology</i> , 2020, 122, 382-387.	0.8	4
85	Diagnostic Array Comparative Genomic Hybridization. <i>Journal of Molecular Diagnostics</i> , 2006, 8, 527.	1.2	3
86	Molecular Profiling and Significance of Circulating Tumor Cell Based Genetic Signatures. <i>Advances in Experimental Medicine and Biology</i> , 2017, 994, 143-167.	0.8	3
87	Negative Enrichment and Isolation of Circulating Tumor Cells for Whole Genome Amplification. <i>Methods in Molecular Biology</i> , 2017, 1634, 143-152.	0.4	3
88	A Holistic Approach to Pathology Education During the Coronavirus Disease 2019 (COVID-19) Pandemic. <i>Archives of Pathology and Laboratory Medicine</i> , 2021, 145, 923-924.	1.2	3
89	Mutations in Noncoding cis-Regulatory Elements Reveal Cancer Driver Cistromes in Luminal Breast Cancer. <i>Molecular Cancer Research</i> , 2022, 20, 102-113.	1.5	3
90	Metformin in early breast cancer (BC): A prospective, open-label, neoadjuvant "window of opportunity" study. <i>Journal of Clinical Oncology</i> , 2012, 30, 1019-1019.	0.8	3

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91	Resident Depression and Burnout During the COVID-19 Pandemic: A Survey of Canadian Laboratory Medicine Trainees. Archives of Pathology and Laboratory Medicine, 2023, 147, 368-375.	1.2	3
92	Whole-Genome Amplification by Adaptor-Ligation PCR of Randomly Sheared Genomic DNA (PRSG). Cold Spring Harbor Protocols, 2008, 2008, pdb.prot4922-pdb.prot4922.	0.2	2
93	Circulating Tumour Cells: Implications and Methods of Detection. , 0, , .		2
94	Whole-Genome Amplification by Single-Cell Comparative Genomic Hybridization PCR (SCOMP). Cold Spring Harbor Protocols, 2008, 2008, pdb.prot4923.	0.2	1
95	Development and clinical translation of OTIS: a wide-field OCT imaging device for ex-vivo tissue characterization. Proceedings of SPIE, 2016, , .	0.8	1
96	Annual Mammographic Screening Reduces the Risk of Interval or Higher Stage Invasive Breast Cancers Among Postmenopausal Women in the Ontario Breast Screening Program. Canadian Association of Radiologists Journal, 2022, 73, 524-534.	1.1	1
97	Gene expression differences between disseminated tumor cells and tumor cells from overt bone metastases in patients with metastatic breast cancer. Journal of Clinical Oncology, 2009, 27, 1040-1040.	0.8	0
98	Long-term rates of breast cancer in a population of women with ductal carcinoma in situ treated by breast-conserving surgery.. Journal of Clinical Oncology, 2012, 30, 1123-1123.	0.8	0
99	Metastatic Determinants: Breast Tumour Cells in Circulation. , 2013, , 191-209.		0
100	Wide-field polarization-resolved SHG microscopy in biomedical imaging. , 2021, , .		0