

Belinda S Parker

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

5,090
citations

136950

32
h-index

144013

57
g-index

59
all docs

59
docs citations

59
times ranked

9296
citing authors

#	ARTICLE	IF	CITATIONS
1	Antitumour actions of interferons: implications for cancer therapy. <i>Nature Reviews Cancer</i> , 2016, 16, 131-144.	28.4	688
2	Silencing of Irf7 pathways in breast cancer cells promotes bone metastasis through immune escape. <i>Nature Medicine</i> , 2012, 18, 1224-1231.	30.7	406
3	JAK-STAT Signaling: A Double-Edged Sword of Immune Regulation and Cancer Progression. <i>Cancers</i> , 2019, 11, 2002.	3.7	369
4	Primary Tumor Hypoxia Recruits CD11b+/Ly6Cmed/Ly6G+ Immune Suppressor Cells and Compromises NK Cell Cytotoxicity in the Premetastatic Niche. <i>Cancer Research</i> , 2012, 72, 3906-3911.	0.9	316
5	Strategies for the discovery and development of therapies for metastatic breast cancer. <i>Nature Reviews Drug Discovery</i> , 2012, 11, 479-497.	46.4	310
6	The Biodistribution and Immune Suppressive Effects of Breast Cancer-Derived Exosomes. <i>Cancer Research</i> , 2016, 76, 6816-6827.	0.9	239
7	Genomic Analysis of a Spontaneous Model of Breast Cancer Metastasis to Bone Reveals a Role for the Extracellular Matrix. <i>Molecular Cancer Research</i> , 2005, 3, 1-13.	3.4	228
8	Interferon- μ Protects the Female Reproductive Tract from Viral and Bacterial Infection. <i>Science</i> , 2013, 339, 1088-1092.	12.6	197
9	Alterations in Vascular Gene Expression in Invasive Breast Carcinoma. <i>Cancer Research</i> , 2004, 64, 7857-7866.	0.9	183
10	Cathepsin B Inhibition Limits Bone Metastasis in Breast Cancer. <i>Cancer Research</i> , 2012, 72, 1199-1209.	0.9	173
11	HOXB7, a Homeodomain Protein, Is Overexpressed in Breast Cancer and Confers Epithelial-Mesenchymal Transition. <i>Cancer Research</i> , 2006, 66, 9527-9534.	0.9	171
12	Genomic analysis of a spontaneous model of breast cancer metastasis to bone reveals a role for the extracellular matrix. <i>Molecular Cancer Research</i> , 2005, 3, 1-13.	3.4	115
13	Proteomic Profiling of Exosomes Secreted by Breast Cancer Cells with Varying Metastatic Potential. <i>Proteomics</i> , 2017, 17, 1600370.	2.2	109
14	BMP4 Inhibits Breast Cancer Metastasis by Blocking Myeloid-Derived Suppressor Cell Activity. <i>Cancer Research</i> , 2014, 74, 5091-5102.	0.9	99
15	A niche-dependent myeloid transcriptome signature defines dormant myeloma cells. <i>Blood</i> , 2019, 134, 30-43.	1.4	99
16	Oral administration of bovine milk-derived extracellular vesicles induces senescence in the primary tumor but accelerates cancer metastasis. <i>Nature Communications</i> , 2021, 12, 3950.	12.8	70
17	Tumor microenvironmental cytokines bound to cancer exosomes determine uptake by cytokine receptor-expressing cells and biodistribution. <i>Nature Communications</i> , 2021, 12, 3543.	12.8	69
18	Hypoxia-driven immunosuppression contributes to the pre-metastatic niche. <i>Onc Immunology</i> , 2013, 2, e22355.	4.6	63

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19	Loss of Host Type-I IFN Signaling Accelerates Metastasis and Impairs NK-cell Antitumor Function in Multiple Models of Breast Cancer. <i>Cancer Immunology Research</i> , 2015, 3, 1207-1217.	3.4	63
20	Neoadjuvant Interferons: Critical for Effective PD-1-Based Immunotherapy in TNBC. <i>Cancer Immunology Research</i> , 2017, 5, 871-884.	3.4	63
21	Bifluoride Ion Mediated SuFEx Trifluoromethylation of Sulfonyl Fluorides and Iminosulfur Oxydifluorides. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4552-4556.	13.8	63
22	Primary tumour expression of the cysteine cathepsin inhibitor Stefin A inhibits distant metastasis in breast cancer. <i>Journal of Pathology</i> , 2008, 214, 337-346.	4.5	59
23	Evidence for a Role of Tumor-Derived Laminin-511 in the Metastatic Progression of Breast Cancer. <i>American Journal of Pathology</i> , 2007, 170, 2135-2148.	3.8	58
24	Integrin-dependent response to laminin-511 regulates breast tumor cell invasion and metastasis. <i>International Journal of Cancer</i> , 2012, 130, 555-566.	5.1	58
25	Prostate cancer cell-intrinsic interferon signaling regulates dormancy and metastatic outgrowth in bone. <i>EMBO Reports</i> , 2020, 21, e50162.	4.5	58
26	A Molecular Understanding of Mitoxantrone-DNA Adduct Formation. <i>Journal of Biological Chemistry</i> , 2004, 279, 18814-18823.	3.4	56
27	Distant Metastasis in Breast Cancer: Molecular Mechanisms and Therapeutic Targets. <i>Cancer Biology and Therapy</i> , 2003, 2, 13-22.	3.4	51
28	Vascular Normalization by Loss of Siah2 Results in Increased Chemotherapeutic Efficacy. <i>Cancer Research</i> , 2012, 72, 1694-1704.	0.9	49
29	The Emerging Role of Immunosurveillance in Dictating Metastatic Spread in Breast Cancer. <i>Cancer Research</i> , 2013, 73, 5852-5857.	0.9	47
30	Myoepithelial cell-specific expression of stefin A as a suppressor of early breast cancer invasion. <i>Journal of Pathology</i> , 2017, 243, 496-509.	4.5	44
31	Cysteine cathepsin activity suppresses osteoclastogenesis of myeloid-derived suppressor cells in breast cancer. <i>Oncotarget</i> , 2015, 6, 27008-27022.	1.8	39
32	Bone specific immunity and its impact on metastasis. <i>BoneKey Reports</i> , 2015, 4, 665.	2.7	37
33	Activation of Canonical BMP4-SMAD7 Signaling Suppresses Breast Cancer Metastasis. <i>Cancer Research</i> , 2020, 80, 1304-1315.	0.9	37
34	Colorimetric histology using plasmonically active microscope slides. <i>Nature</i> , 2021, 598, 65-71.	27.8	36
35	Legumain is activated in macrophages during pancreatitis. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 311, G548-G560.	3.4	35
36	Encapsulation of Mitoxantrone within Cucurbit[8]uril Decreases Toxicity and Enhances Survival in a Mouse Model of Cancer. <i>ACS Medicinal Chemistry Letters</i> , 2017, 8, 538-542.	2.8	30

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37	Mitoxantrone Mediates Demethylation and Re-Expression of Cyclin D2, Estrogen Receptor 14.3.3 Sigma In Breast Cancer Cells. <i>Cancer Biology and Therapy</i> , 2003, 2, 259-263.	3.4	27
38	Smac mimetics LCL161 and GDC-0152 inhibit osteosarcoma growth and metastasis in mice. <i>BMC Cancer</i> , 2019, 19, 924.	2.6	24
39	Tumor inherent interferon regulators as biomarkers of long-term chemotherapeutic response in TNBC. <i>Npj Precision Oncology</i> , 2019, 3, 21.	5.4	23
40	Intratumoral administration of the Toll-like receptor 7/8 agonist 3M-052 enhances interferon-driven tumor immunogenicity and suppresses metastatic spread in preclinical triple-negative breast cancer. <i>Clinical and Translational Immunology</i> , 2020, 9, e1177.	3.8	22
41	Plasmon-induced enhancement of ptychographic phase microscopy via sub-surface nanoaperture arrays. <i>Nature Photonics</i> , 2021, 15, 222-229.	31.4	22
42	Inhibition of cathepsin proteases attenuates migration and sensitizes aggressive N-Myc amplified human neuroblastoma cells to doxorubicin. <i>Oncotarget</i> , 2015, 6, 11175-11190.	1.8	22
43	Cytosine Methylation Enhances Mitoxantrone-DNA Adduct Formation at CpG Dinucleotides. <i>Journal of Biological Chemistry</i> , 2001, 276, 15953-15960.	3.4	21
44	Beyond the vicious cycle: The role of innate osteoimmunity, automimicry and tumor-inherent changes in dictating bone metastasis. <i>Molecular Immunology</i> , 2019, 110, 57-68.	2.2	21
45	Discriminating the earliest stages of mammary carcinoma using myoepithelial and proliferative markers. <i>PLoS ONE</i> , 2018, 13, e0201370.	2.5	20
46	The role of Type I interferons in immunoregulation of breast cancer metastasis to the bone. <i>Oncolmmunology</i> , 2013, 2, e22339.	4.6	18
47	Tumor inherent interferons: Impact on immune reactivity and immunotherapy. <i>Cytokine</i> , 2019, 118, 42-47.	3.2	17
48	Loss of type I IFN responsiveness impairs natural killer cell antitumor activity in breast cancer. <i>Cancer Immunology, Immunotherapy</i> , 2021, 70, 2125-2138.	4.2	15
49	Preliminary study highlights the potential of immune checkpoint inhibitors in sarcomatoid mesothelioma. <i>Translational Lung Cancer Research</i> , 2020, 9, 639-645.	2.8	14
50	Formation of Mitoxantrone Adducts in Human Tumor Cells: Potentiation by AN-9 and DNA Methylation. <i>Oncology Research</i> , 2003, 14, 279-290.	1.5	11
51	Sustainable Syntheses of (âˆ“)Jerantinines A & E and Structural Characterisation of the Jerantinine-Tubulin Complex at the Colchicine Binding Site. <i>Scientific Reports</i> , 2018, 8, 10617.	3.3	10
52	Bone Turnover Markers and Prostate Cancer: Not Just a Measure of Bone Disease?. <i>European Urology</i> , 2015, 68, 51-52.	1.9	5
53	Correlation between severe infection and breast cancer metastases in the EORTC 10994/BIG 1-00 trial: Investigating innate immunity as a tumour suppressor in breast cancer. <i>European Journal of Cancer</i> , 2017, 72, 95-102.	2.8	3
54	Potent Stimulation of the Androgen Receptor Instigates a Viral Mimicry Response in Prostate Cancer. <i>Cancer Research Communications</i> , 2022, 2, 706-724.	1.7	3

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55	A switch in mechanism of action prevents doxorubicin-mediated cardiac damage. <i>Biochemical Pharmacology</i> , 2021, 185, 114410.	4.4	2
56	High-content siRNA 3D co-cultures to identify myoepithelial cell-derived breast cancer suppressor proteins. <i>Scientific Data</i> , 2021, 8, 147.	5.3	2
57	Loss of Siah2 does not impact angiogenic potential of murine endothelial cells. <i>Microvascular Research</i> , 2015, 102, 38-45.	2.5	0
58	Current Perspectives on Cancer Immunotherapy in Bone. , 2020, , 421-437.		0