Elizabeth D. Williams

List of Publications by Year
in descending order

95 papers	7,750 citations	57719 44 h-index	53190 85 g-index
99 all docs	99 docs citations	99 times ranked	12372 citing authors

#	Article	IF	Citations
1	Guidelines and definitions for research on epithelialâ€“mesenchymal transition. Nature Reviews Molecular Cell Biology, 2020, 21, 341-352.	16.1	1,195
2	Epithelialâ€”mesenchymal and mesenchymalâ€”epithelial transitions in carcinoma progression. Journal of Cellular Physiology, 2007, 213, 374-383.	2.0	957
3	Mesenchymal-to-Epithelial Transition Facilitates Bladder Cancer Metastasis: Role of Fibroblast Growth Factor Receptor-2. Cancer Research, 2006, 66, 11271-11278.	0.4	404
4	A novel orthotopic model of breast cancer metastasis to bone. Clinical and Experimental Metastasis, 1999, 17, 163-170.	1.7	367
5	Controversies around epithelialâ€“mesenchymal plasticity in cancer metastasis. Nature Reviews Cancer, 2019, 19, 716-732.	12.8	294
6	Mesenchymal to Epithelial Transition in Development and Disease. Cells Tissues Organs, 2007, 185, 7-19.	1.3	276
7	Xenomeâ€”a tool for classifying reads from xenograft samples. Bioinformatics, 2012, 28, i172-i178.	1.8	211
8	Human Amnion Epithelial Cell Transplantation Abrogates Lung Fibrosis and Augments Repair. American Journal of Respiratory and Critical Care Medicine, 2010, 182, 643-651.	2.5	194
9	Expression and localization of GLUT1 and GLUT12 in prostate carcinoma. Cancer, 2003, 97, 2035-2042.	2.0	161
10	Transplantation of Human Amnion Epithelial Cells Reduces Hepatic Fibrosis in Immunocompetent CCl₄-Treated Mice. Cell Transplantation, 2010, 19, 1157-1168.	1.2	148
11	Hysteresis control of epithelial-mesenchymal transition dynamics conveys a distinct program with enhanced metastatic ability. Nature Communications, 2018, 9, 5005.	5.8	144
12	Pharmacokinetics and Tumor Disposition of PEGylated, Methotrexate Conjugated Poly-<scp>l</scp>-lysine Dendrimers. Molecular Pharmaceutics, 2009, 6, 1190-1204.	2.3	130
13	ATF3 Suppresses Metastasis of Bladder Cancer by Regulating Gelsolin-Mediated Remodeling of the Actin Cytoskeleton. Cancer Research, 2013, 73, 3625-3637.	0.4	114
14	Expression of Vascular Endothelial Growth Factor Receptor-3 by Lymphatic Endothelial Cells Is Associated with Lymph Node Metastasis in Prostate Cancer. Clinical Cancer Research, 2004, 10, 5137-5144.	3.2	102
15	Stem-Like Cells with Luminal Progenitor Phenotype Survive Castration in Human Prostate Cancer. Stem Cells, 2012, 30, 1076-1086.	1.4	98
16	MicroRNA-194 Promotes Prostate Cancer Metastasis by Inhibiting SOCS2. Cancer Research, 2017, 77, 1021-1034.	0.4	94
17	Calcitonin receptor antibodies in the identification of osteoclasts. Bone, 1999, 25, 1-8.	1.4	87
18	NADPH Oxidases as Regulators of Tumor Angiogenesis: Current and Emerging Concepts. Antioxidants and Redox Signaling, 2012, 16, 1229-1247.	2.5	86

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19	Lymphatic vessel density and lymph node metastasis in prostate cancer. Prostate, 2005, 65, 222-230.	1.2	85
20	PPARÎ³-independent induction of growth arrest and apoptosis in prostate and bladder carcinoma. BMC Cancer, 2006, 6, 53.	1.1	83
21	The adhesion molecule L1 regulates transendothelial migration and trafficking of dendritic cells. Journal of Experimental Medicine, 2009, 206, 623-635.	4.2	82
22	Tetraspanins as regulators of the tumour microenvironment: implications for metastasis and therapeutic strategies. British Journal of Pharmacology, 2014, 171, 5462-5490.	2.7	81
23	Movember GAP1 PDX project: An international collection of serially transplantable prostate cancer patientâ€derived xenograft (PDX) models. Prostate, 2018, 78, 1262-1282.	1.2	76
24	A molecular portrait of epithelialâ€“mesenchymal plasticity in prostate cancer associated with clinical outcome. Oncogene, 2019, 38, 913-934.	2.6	76
25	Androgen-Targeted Therapy-Induced Epithelial Mesenchymal Plasticity and Neuroendocrine Transdifferentiation in Prostate Cancer: An Opportunity for Intervention. Frontiers in Oncology, 2014, 4, 370.	1.3	75
26	Growth Factors in Induction of Epithelial-Mesenchymal Transition and Metastasis. Cells Tissues Organs, 2011, 193, 85-97.	1.3	73
27	Aberrant fibroblast growth factor receptor signaling in bladder and other cancers. Differentiation, 2007, 75, 831-842.	1.0	69
28	Vascular Endothelial Growth Factor Receptor-3 Directly Interacts with Phosphatidylinositol 3-Kinase to Regulate Lymphangiogenesis. PLoS ONE, 2012, 7, e39558.	1.1	69
29	Neuropilin-1 is upregulated in the adaptive response of prostate tumors to androgen-targeted therapies and is prognostic of metastatic progression and patient mortality. Oncogene, 2017, 36, 3417-3427.	2.6	68
30	Apocryphal FADS2 activity promotes fatty acid diversification in cancer. Cell Reports, 2021, 34, 108738.	2.9	68
31	The ADAMTS1 Protease Gene Is Required for Mammary Tumor Growth and Metastasis. American Journal of Pathology, 2011, 179, 3075-3085.	1.9	64
32	Tumor-Induced Activation of Lymphatic Endothelial Cells via Vascular Endothelial Growth Factor Receptor-2 Is Critical for Prostate Cancer Lymphatic Metastasis. Cancer Research, 2006, 66, 9566-9575.	0.4	63
33	MMP-14 Is Expressed in Preeclamptic Placentas and Mediates Release of Soluble Endoglin. American Journal of Pathology, 2012, 180, 888-894.	1.9	63
34	Expression and localisation of GLUT1 and GLUT12 glucose transporters in the pregnant and lactating rat mammary gland. Cell and Tissue Research, 2003, 311, 91-97.	1.5	62
35	Upregulation of matrix metalloproteinases (MMPs) in breast cancer xenografts: A major induction of stromal MMP-13. International Journal of Cancer, 2005, 114, 544-554.	2.3	62
36	Elemental bio-imaging using laser ablation-triple quadrupole-ICP-MS. Journal of Analytical Atomic Spectrometry, 2016, 31, 197-202.	1.6	60

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37	The extracellular matrix in cancer progression: Role of hyalectan proteoglycans and ADAMTS enzymes. Cancer Letters, 2017, 385, 55-64.	3.2	60
38	EMT and MET in carcinomaâ€"clinical observations, regulatory pathways and new models. Clinical and Experimental Metastasis, 2008, 25, 591-592.	1.7	58
39	The E3 ubiquitin ligase EDD is an adverse prognostic factor for serous epithelial ovarian cancer and modulates cisplatin resistance in vitro. British Journal of Cancer, 2008, 98, 1085-1093.	2.9	56
40	Methotrexate-Conjugated PEGylated Dendrimers Show Differential Patterns of Deposition and Activity in Tumor-Burdened Lymph Nodes after Intravenous and Subcutaneous Administration in Rats. Molecular Pharmaceutics, 2015, 12, 432-443.	2.3	51
41	Upregulated MT1-MMP/TIMP-2 axis in the TSU-Pr1-B1/B2 model of metastatic progression in transitional cell carcinoma of the bladder. Clinical and Experimental Metastasis, 2005, 22, 115-125.	1.7	50
42	BM18: A novel androgen-dependent human prostate cancer xenograft model derived from a bone metastasis. Prostate, 2005, 65, 35-43.	1.2	50
43	Secreted frizzled-related protein 4 inhibits proliferation and metastatic potential in prostate cancer. Prostate, 2007, 67, 1081-1090.	1.2	48
44	Ecionines A and B, two new cytotoxic pyridoacridine alkaloids from the Australian marine sponge, Ecionemia geodides. Tetrahedron, 2010, 66, 283-287.	1.0	47
45	Oestrogen enhancement of the myometrial response to exogenous parathyroid hormone-related protein (PTHrP), and tissue localization of endogenous PTHrP and its mRNA in the virgin rat uterus. Journal of Endocrinology, 1992, 134, 415-NP.	1.2	45
46	ELOVL5 Is a Critical and Targetable Fatty Acid Elongase in Prostate Cancer. Cancer Research, 2021, 81, 1704-1718.	0.4	44
47	Transfection of MDA-MB-231 human breast carcinoma cells with bone sialoprotein (BSP) stimulates migration and invasion inÂvitro and growth of primary and secondary tumors in nude mice. Clinical and Experimental Metastasis, 2004, 21, 19-29.	1.7	41
48	Interleukin-6 is a potent inducer of S100P, which is up-regulated in androgen-refractory and metastatic prostate cancer. International Journal of Biochemistry and Cell Biology, 2005, 37, 442-450.	1.2	40
49	Intravenous Injection of Leconotide, an Omega Conotoxin: Synergistic Antihyperalgesic Effects with Morphine in a Rat Model of Bone Cancer Pain. Pain Medicine, 2011, 12, 923-941.	0.9	39
50	Epithelial-to-Mesenchymal Transition Enhances Cancer Cell Sensitivity to Cytotoxic Effects of Cold Atmospheric Plasmas in Breast and Bladder Cancer Systems. Cancers, 2021, 13, 2889.	1.7	35
51	Establishing prostate cancer patient derived xenografts: Lessons learned from older studies. Prostate, 2015, 75, 628-636.	1.2	32
52	Differential expression of VEGF ligands and receptors in prostate cancer. Prostate, 2013, 73, 563-572.	1.2	31
53	Restoration of tumor suppression in prostate cancer by targeting the E3 ligase E6AP. Oncogene, 2016, 35, 6235-6245.	2.6	30
54	Selective regulation of p38Î² protein and signaling by integrin-linked kinase mediates bladder cancer cell migration. Oncogene, 2014, 33, 690-701.	2.6	29

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55	Potential role of EPB41L3 (Protein 4.1B/Dal-1) as a target for treatment of advanced prostate cancer. Expert Opinion on Therapeutic Targets, 2008, 12, 845-853.	1.5	28
56	Microenvironment engineering of osteoblastic bone metastases reveals osteomimicry of patient-derived prostate cancer xenografts. Biomaterials, 2019, 220, 119402.	5.7	28
57	Exploratory cost-effectiveness analysis of 68Gallium-PSMA PET/MRI-based imaging in patients with biochemical recurrence of prostate cancer. Clinical and Experimental Metastasis, 2020, 37, 305-312.	1.7	28
58	Exclusion Zone Phenomena in Waterâ€"A Critical Review of Experimental Findings and Theories. International Journal of Molecular Sciences, 2020, 21, 5041.	1.8	27
59	Elevated level of inhibin-Î± subunit is pro-tumourigenic and pro-metastatic and associated with extracapsular spread in advanced prostate cancer. British Journal of Cancer, 2009, 100, 1784-1793.	2.9	26
60	High mammographic density in women is associated with protumor inflammation. Breast Cancer Research, 2018, 20, 92.	2.2	26
61	Isolation of human lymphatic malformation endothelial cells, their in vitro characterization and in vivo survival in a mouse xenograft model. Angiogenesis, 2014, 17, 1-15.	3.7	25
62	Insulin Enhances Migration and Invasion in Prostate Cancer Cells by Up-Regulation of FOXC2. Frontiers in Endocrinology, 2019, 10, 481.	1.5	22
63	ADAMTS-15 Has a Tumor Suppressor Role in Prostate Cancer. Biomolecules, 2020, 10, 682.	1.8	22
64	Repositioning â€œoldâ€•drugs for new causes: identifying new inhibitors of prostate cancer cell migration and invasion. Clinical and Experimental Metastasis, 2016, 33, 385-399.	1.7	21
65	Chimeric Antigen Receptor T-Cell Therapy in Metastatic Castrate-Resistant Prostate Cancer. Cancers, 2022, 14, 503.	1.7	21
66	CD151 is associated with prostate cancer cell invasion and lymphangiogenesis in vivo. Oncology Reports, 2014, 31, 241-247.	1.2	20
67	Diversity of Epithelial-Mesenchymal Phenotypes in Circulating Tumour Cells from Prostate Cancer Patient-Derived Xenograft Models. Cancers, 2021, 13, 2750.	1.7	20
68	Secondâ€harmonic generation from biological tissues: Effect of excitation wavelength. Scanning, 2002, 24, 175-178.	0.7	19
69	Parathyroid hormone-related peptide modulates signal pathways in skin and hair follicle cells. Experimental Dermatology, 2003, 12, 389-395.	1.4	18
70	Flupirtine Enhances the Anti-Hyperalgesic Effects of Morphine in a Rat Model of Prostate Bone Metastasis. Pain Medicine, 2012, 13, 1444-1456.	0.9	18
71	Identification of a novel fusion transcript between human relaxin-1 (RLN1) and human relaxin-2 (RLN2) in prostate cancer. Molecular and Cellular Endocrinology, 2016, 420, 159-168.	1.6	18
72	LCC15-MB Cells are MDA-MB-435: A Review of Misidentified Breast and prostate cell lines. Clinical and Experimental Metastasis, 2004, 21, 535-541.	1.7	16

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73	Modelling the tumor immune microenvironment for precision immunotherapy. Clinical and Translational Immunology, 2022, 11, .	1.7	16
74	Humanization of the Prostate Microenvironment Reduces Homing of PC3 Prostate Cancer Cells to Human Tissue-Engineered Bone. Cancers, 2018, 10, 438.	1.7	15
75	Lymphatics in the Alimentary Tract of Children in Health and Disease: Study on Mucosal Biopsies Using the Monoclonal Antibody D2-40. Pediatric and Developmental Pathology, 2005, 8, 541-549.	0.5	14
76	A Suite of Activity-Based Probes To Dissect the KLK Activome in Drug-Resistant Prostate Cancer. Journal of the American Chemical Society, 2021, 143, 8911-8924.	6.6	14
77	Mammographically dense human breast tissue stimulates MCF10DCIS.com progression to invasive lesions and metastasis. Breast Cancer Research, 2016, 18, 106.	2.2	13
78	Exclusion zone water is associated with material that exhibits proton diffusion but not birefringent properties. Fluid Phase Equilibria, 2018, 466, 103-109.	1.4	13
79	The molecular function of kallikreinâ€related peptidase 14 demonstrates a key modulatory role in advanced prostate cancer. Molecular Oncology, 2020, 14, 105-128.	2.1	13
80	Kingamide A, a new indole alkaloid from the ascidian Leptoclinides kingi. Tetrahedron Letters, 2011, 52, 6729-6731.	0.7	11
81	New molecular approaches for identifying novel targets, mechanisms, and biomarkers for prostate cancer chemopreventive agents. Urology, 2001, 57, 100-102.	0.5	10
82	FGFR2c Mesenchymal Isoform Expression Is Associated with Poor Prognosis and Further Refines Risk Stratification within Endometrial Cancer Molecular Subtypes. Clinical Cancer Research, 2020, 26, 4569-4580.	3.2	10
83	Genome-wide gain-of-function screen for genes that induce epithelial-to-mesenchymal transition in breast cancer. Oncotarget, 2016, 7, 61000-61020.	0.8	10
84	Strategies and Challenges for Systematically Mapping Biologically Significant Molecular Pathways Regulating Carcinoma Epithelial-Mesenchymal Transition. Cells Tissues Organs, 2013, 197, 424-434.	1.3	9
85	Challenges, applications and future directions of precision medicine in prostate cancer â€“ the role of organoids and patientâ€derived xenografts. BJU International, 2020, 126, 65-72.	1.3	9
86	Fibroblast Growth Factor Receptor 2 Isoforms Detected via Novel RNA ISH as Predictive Biomarkers for Progestin Therapy in Atypical Hyperplasia and Low-Grade Endometrial Cancer. Cancers, 2021, 13, 1703.	1.7	8
87	Cancer-associated fibroblasts of the prostate promote a compliant and more invasive phenotype in benign prostate epithelial cells. Materials Today Bio, 2020, 8, 100073.	2.6	7
88	CD27, CD201, FLT3, CD48, and CD150 cell surface staining identifies long-term mouse hematopoietic stem cells in immunodeficient non-obese diabetic severe combined immune deficient-derived strains. Haematologica, 2020, 105, 71-82.	1.7	6
89	Whole-Genome Multiparametric Screening to Identify Modulators of Epithelial-to-Mesenchymal Transition. Assay and Drug Development Technologies, 2014, 12, 385-394.	0.6	5
90	A humanized orthotopic tumor microenvironment alters the bone metastatic tropism of prostate cancer cells. Communications Biology, 2021, 4, 1014.	2.0	5

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91	Conserved signaling through vascular endothelial growth (VEGF) receptor family members in murine lymphatic endothelial cells. Experimental Cell Research, 2011, 317, 2397-2407.	1.2	4
92	Remodelling the malignant phenotype: impact of EMT. Drug Discovery Today: Disease Models, 2009, 6, 21-25.	1.2	2
93	Prostate Cancer Metastasis. , 2017, , 33-59.		2
94	29â€¨Changing patterns of radical cystectomy at St. Vincent's Hospital, Melbourne. BJU International, 2006, 97, 8-9.	1.3	1
95	Patient-Derived Xenograft Models of Prostate Tumors. , 2017, , 217-228.		1