

# Stewart G Martin

## List of Publications by Year in descending order

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97  
papers

3,682  
citations

136950

32  
h-index

138484

58  
g-index

100  
all docs

100  
docs citations

100  
times ranked

6085  
citing authors

#	ARTICLE	IF	CITATIONS
1	The calpain system and cancer. <i>Nature Reviews Cancer</i> , 2011, 11, 364-374.	28.4	333
2	Critical research gaps and translational priorities for the successful prevention and treatment of breast cancer. <i>Breast Cancer Research</i> , 2013, 15, R92.	5.0	320
3	The prognostic significance of lymphovascular invasion in invasive breast carcinoma. <i>Cancer</i> , 2012, 118, 3670-3680.	4.1	197
4	Improved Methods of Detection of Lymphovascular Invasion Demonstrate That It is the Predominant Method of Vascular Invasion in Breast Cancer and has Important Clinical Consequences. <i>American Journal of Surgical Pathology</i> , 2007, 31, 1825-1833.	3.7	170
5	Prognostic significance of vascular endothelial cell growth factors -A, -C and -D in breast cancer and their relationship with angio- and lymphangiogenesis. <i>British Journal of Cancer</i> , 2007, 96, 1092-1100.	6.4	166
6	Caspase-3 and caspase-8 expression in breast cancer: caspase-3 is associated with survival. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2017, 22, 357-368.	4.9	124
7	Lymphatic and blood vessels in basal and triple-negative breast cancers: characteristics and prognostic significance. <i>Modern Pathology</i> , 2011, 24, 774-785.	5.5	114
8	Objective assessment of blood and lymphatic vessel invasion and association with macrophage infiltration in cutaneous melanoma. <i>Modern Pathology</i> , 2012, 25, 493-504.	5.5	105
9	Redox Environment, Free Radical, and Oxidative DNA Damage. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 2399-2408.	5.4	101
10	ROR $\gamma$ <sup>3</sup> <sup>+</sup> Innate Lymphoid Cells Promote Lymph Node Metastasis of Breast Cancers. <i>Cancer Research</i> , 2017, 77, 1083-1096.	0.9	93
11	The thioredoxin system: a key target in tumour and endothelial cells. <i>British Journal of Radiology</i> , 2008, 81, S57-S68.	2.2	76
12	2-[(1-Methylpropyl)dithio]-1 <i>H</i> -imidazole inhibits tubulin polymerization through cysteine oxidation. <i>Molecular Cancer Therapeutics</i> , 2008, 7, 143-151.	4.1	75
13	Biomarkers of response to therapy in oesophago-gastric cancer. <i>Gut</i> , 2009, 58, 127-143.	12.1	74
14	Objective assessment of lymphatic and blood vascular invasion in lymph node-negative breast carcinoma: findings from a large case series with long-term follow-up. <i>Journal of Pathology</i> , 2011, 223, 358-365.	4.5	74
15	IL-6 and IL-10 are associated with good prognosis in early stage invasive breast cancer patients. <i>Cancer Immunology, Immunotherapy</i> , 2018, 67, 537-549.	4.2	67
16	Calpain system protein expression in basal-like and triple-negative invasive breast cancer. <i>Annals of Oncology</i> , 2012, 23, 2289-2296.	1.2	64
17	The Biological Effectiveness of Radon-Progeny Alpha Particles. II. Oncogenic Transformation as a Function of Linear Energy Transfer. <i>Radiation Research</i> , 1995, 142, 54.	1.5	62
18	Photoneutrons from medical linear accelerators—Radiobiological measurements and risk estimates. <i>International Journal of Radiation Oncology Biology Physics</i> , 1995, 33, 225-230.	0.8	57

#	ARTICLE	IF	CITATIONS
19	Lymphatic and angiogenic characteristics in breast cancer: morphometric analysis and prognostic implications. <i>Breast Cancer Research and Treatment</i> , 2009, 113, 261-273.	2.5	53
20	Overexpression of the cancer stem cell marker CD133 confers a poor prognosis in invasive breast cancer. <i>Breast Cancer Research and Treatment</i> , 2019, 174, 387-399.	2.5	53
21	Redox Proteins and Radiotherapy. <i>Clinical Oncology</i> , 2014, 26, 289-300.	1.4	51
22	Involvement of metformin and AMPK in the radioresponse and prognosis of luminal versus basal-like breast cancer treated with radiotherapy. <i>Oncotarget</i> , 2014, 5, 12936-12949.	1.8	51
23	Cytotoxic and antiangiogenic activity of AW464 (NSC 706704), a novel thioredoxin inhibitor: an in vitro study. <i>British Journal of Cancer</i> , 2005, 92, 350-358.	6.4	50
24	Calpain in Breast Cancer: Role in Disease Progression and Treatment Response. <i>Pathobiology</i> , 2015, 82, 133-141.	3.8	43
25	Expression of thioredoxin system and related peroxiredoxin proteins is associated with clinical outcome in radiotherapy treated early stage breast cancer. <i>Radiotherapy and Oncology</i> , 2011, 100, 308-313.	0.6	41
26	Calpain $\alpha$ 2 expression is associated with response to platinum based chemotherapy, progression-free and overall survival in ovarian cancer. <i>Journal of Cellular and Molecular Medicine</i> , 2012, 16, 2422-2428.	3.6	36
27	Poly(adenosine diphosphate-ribose) polymerase expression in BRCA-proficient ovarian high-grade serous carcinoma; association with patient survival. <i>Human Pathology</i> , 2013, 44, 1638-1647.	2.0	36
28	Interaction of hyperthermia and chemotherapy agents; cell lethality and oncogenic potential. <i>International Journal of Hyperthermia</i> , 1994, 10, 89-99.	2.5	35
29	Vascular invasion in breast cancer; an overview of recent prognostic developments and molecular pathophysiological mechanisms. <i>Histopathology</i> , 2009, 55, 1-9.	2.9	35
30	Inflammatory breast cancer: time to standardise diagnosis assessment and management, and for the joining of forces to facilitate effective research. <i>British Journal of Cancer</i> , 2015, 112, 1613-1615.	6.4	35
31	The cadherin switch in ovarian high-grade serous carcinoma is associated with disease progression. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2011, 459, 21-29.	2.8	34
32	Calpain $\alpha$ 1 expression is associated with relapse-free survival in breast cancer patients treated with trastuzumab following adjuvant chemotherapy. <i>International Journal of Cancer</i> , 2011, 129, 1773-1780.	5.1	34
33	Low expression of G protein-coupled oestrogen receptor 1 (GPER) is associated with adverse survival of breast cancer patients. <i>Oncotarget</i> , 2018, 9, 25946-25956.	1.8	34
34	Redox protein expression predicts progression-free and overall survival in ovarian cancer patients treated with platinum-based chemotherapy. <i>Free Radical Biology and Medicine</i> , 2010, 49, 1263-1272.	2.9	33
35	Chk1 phosphorylated at serine345 is a predictor of early local recurrence and radio-resistance in breast cancer. <i>Molecular Oncology</i> , 2016, 10, 213-223.	4.6	33
36	Calpastatin is associated with lymphovascular invasion in breast cancer. <i>Breast</i> , 2011, 20, 413-418.	2.2	27

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37	Macrophage-derived interleukin-1beta promotes human breast cancer cell migration and lymphatic adhesion in vitro. <i>Cancer Immunology, Immunotherapy</i> , 2017, 66, 1287-1294.	4.2	27
38	The clinicopathological and gene expression patterns associated with ulceration of primary melanoma. <i>Pigment Cell and Melanoma Research</i> , 2015, 28, 94-104.	3.3	26
39	Redox Protein Expression Predicts Radiotherapeutic Response in Early-Stage Invasive Breast Cancer Patients. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 79, 1532-1540.	0.8	25
40	Thioredoxin interacting protein and its association with clinical outcome in gastro-oesophageal adenocarcinoma. <i>Redox Biology</i> , 2013, 1, 285-291.	9.0	25
41	The prognostic and predictive power of redox protein expression for anthracycline-based chemotherapy response in locally advanced breast cancer. <i>Modern Pathology</i> , 2012, 25, 1106-1116.	5.5	24
42	Intratumoural Cytochrome P450 Expression in Breast Cancer: Impact on Standard of Care Treatment and New Efforts to Develop Tumour-Selective Therapies. <i>Biomedicines</i> , 2021, 9, 290.	3.2	24
43	Calpain system protein expression in carcinomas of the pancreas, bile duct and ampulla. <i>BMC Cancer</i> , 2012, 12, 511.	2.6	23
44	Calpain system protein expression and activity in ovarian cancer. <i>Journal of Cancer Research and Clinical Oncology</i> , 2019, 145, 345-361.	2.5	22
45	Base Excision Repair, the Redox Environment and Therapeutic Implications. <i>Current Molecular Pharmacology</i> , 2012, 5, 88-101.	1.5	21
46	Co-expression of VEGF and CA9 in ovarian high-grade serous carcinoma and relationship to survival. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2012, 461, 33-39.	2.8	21
47	Gene-transfer systems for human endothelial cells. <i>Advanced Drug Delivery Reviews</i> , 2000, 41, 223-233.	13.7	20
48	A cellular and molecular investigation of the action of PMX464, a putative thioredoxin inhibitor, in normal and colorectal cancer cell lines. <i>British Journal of Pharmacology</i> , 2007, 151, 1167-1175.	5.4	19
49	Low calpain-9 is associated with adverse disease-specific survival following endocrine therapy in breast cancer. <i>BMC Cancer</i> , 2014, 14, 995.	2.6	19
50	Thioredoxin System Protein Expression Is Associated with Poor Clinical Outcome in Adult and Paediatric Gliomas and Medulloblastomas. <i>Molecular Neurobiology</i> , 2020, 57, 2889-2901.	4.0	19
51	The calpain system is associated with survival of breast cancer patients with large but operable inflammatory and non-inflammatory tumours treated with neoadjuvant chemotherapy. <i>Oncotarget</i> , 2016, 7, 47927-47937.	1.8	19
52	Expression of the calpain system is associated with poor clinical outcome in gastro-oesophageal adenocarcinomas. <i>Journal of Gastroenterology</i> , 2013, 48, 1213-1221.	5.1	18
53	Multiple pathways regulate Cten in colorectal cancer without a Tensin switch. <i>International Journal of Experimental Pathology</i> , 2015, 96, 362-369.	1.3	16
54	Rho-GTPase activating-protein 18: a biomarker associated with good prognosis in invasive breast cancer. <i>British Journal of Cancer</i> , 2017, 117, 1176-1184.	6.4	16

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55	The Biological Effectiveness of Radon-Progeny Alpha Particles. IV. Morphological Transformation of Syrian Hamster Embryo Cells at Low Doses. <i>Radiation Research</i> , 1995, 142, 70.	1.5	15
56	A Comparative Study of Adhesion of Melanoma and Breast Cancer Cells to Blood and Lymphatic Endothelium. <i>Lymphatic Research and Biology</i> , 2012, 10, 173-181.	1.1	14
57	Analysis of lymphatic and blood vessel invasion biomarkers in T1 esophagogastric adenocarcinomas for improved patient prognostication. <i>Ecological Management and Restoration</i> , 2015, 28, 262-268.	0.4	14
58	Saccharomyces cerevisiae-like 1 (SEC14L1) is a prognostic factor in breast cancer associated with lymphovascular invasion. <i>Modern Pathology</i> , 2018, 31, 1675-1682.	5.5	13
59	FKBPL: a marker of good prognosis in breast cancer. <i>Oncotarget</i> , 2015, 6, 12209-12223.	1.8	13
60	Lymphatic Expression of CLEVER-1 in Breast Cancer and Its Relationship with Lymph Node Metastasis. <i>Analytical Cellular Pathology</i> , 2011, 34, 67-78.	1.4	12
61	Clinical and biological roles of Kelch-like family member 7 in breast cancer: a marker of poor prognosis. <i>Breast Cancer Research and Treatment</i> , 2018, 170, 525-533.	2.5	12
62	High nuclear MSK1 is associated with longer survival in breast cancer patients. <i>Journal of Cancer Research and Clinical Oncology</i> , 2018, 144, 509-517.	2.5	12
63	Neutron-Energy-Dependent Cell Survival and Oncogenic Transformation.. <i>Journal of Radiation Research</i> , 1999, 40, 53-59.	1.6	11
64	Identification of two novel mRNA splice variants of bax. <i>Cell Death and Differentiation</i> , 1999, 6, 97-98.	11.2	11
65	Analysis of Tumor and Endothelial Cell Viability and Survival Using Sulforhodamine B and Clonogenic Assays. <i>Methods in Molecular Biology</i> , 2011, 740, 45-56.	0.9	11
66	Dopamine and cAMP-regulated phosphoprotein 32 kDa (DARPP-32) and survival in breast cancer: a retrospective analysis of protein and mRNA expression. <i>Scientific Reports</i> , 2019, 9, 16987.	3.3	11
67	PP1, PKA and DARPP32 in breast cancer: A retrospective assessment of protein and mRNA expression. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 5015-5024.	3.6	11
68	Lymphovascular invasion: assessment and prognostic impact in melanoma and breast cancer. <i>Histology and Histopathology</i> , 2015, 30, 1001-9.	0.7	11
69	Prognostic significance of lymphatic invasion in lymph node-positive breast carcinoma: findings from a large case series with long-term follow-up using immunohistochemical endothelial marker. <i>Modern Pathology</i> , 2014, 27, 1568-1577.	5.5	10
70	Calpain1 is associated with adverse relapse free survival in breast cancer: a confirmatory study. <i>Histopathology</i> , 2016, 68, 1021-1029.	2.9	10
71	Clinicopathological and prognostic significance of Ras association and pleckstrin homology domains 1 (RAPH1) in breast cancer. <i>Breast Cancer Research and Treatment</i> , 2018, 172, 61-68.	2.5	10
72	Determination of collagen and protein turnover by high-performance liquid chromatography. <i>Biomedical Applications</i> , 1990, 526, 383-395.	1.7	9

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73	Neutron-Induced Cell Cycle-Dependent Oncogenic Transformation of C3H 10T1/2 Cells. Radiation Research, 1995, 142, 270.	1.5	9
74	Retrospective assessment of cyclinâ€dependent kinase 5 mRNA and protein expression and its association with patient survival in breast cancer. Journal of Cellular and Molecular Medicine, 2020, 24, 6263-6271.	3.6	8
75	Lymphatic expression of CLEVER-1 in breast cancer and its relationship with lymph node metastasis. Analytical Cellular Pathology, 2011, 34, 67-78.	1.4	8
76	Effect of track structure and radioprotectors on the induction of oncogenic transformation in murine fibroblasts by heavy ions. Advances in Space Research, 1998, 22, 1719-1723.	2.6	7
77	Utility of ankyrin 3 as a prognostic marker in androgen-receptor-positive breast cancer. Breast Cancer Research and Treatment, 2019, 176, 63-73.	2.5	7
78	Dopamine and cAMPâ€regulated phosphoprotein 32kDa (DARPPâ€32), protein phosphataseâ€1 and cyclinâ€dependent kinase 5 expression in ovarian cancer. Journal of Cellular and Molecular Medicine, 2020, 24, 9165-9175.	3.6	7
79	Cytotoxic and radiosensitising effects of a novel thioredoxin reductase inhibitor in breast cancer. Investigational New Drugs, 2021, 39, 1232-1241.	2.6	7
80	Vascular Endothelial Growth Factor Expression Predicts Outcome after Primary Radiotherapy for Head and Neck Squamous Cell Cancer. Clinical Oncology, 2007, 19, 71-76.	1.4	6
81	Expression of Syk and MAP4 proteins in ovarian cancer. Journal of Cancer Research and Clinical Oncology, 2019, 145, 909-919.	2.5	6
82	Functionalized Block Coâ€Polymer Proâ€Drug Nanoparticles with Antiâ€Cancer Efficacy in 3D Spheroids and in an Orthotopic Triple Negative Breast Cancer Model. Advanced Therapeutics, 2021, 4, 2000103.	3.2	6
83	Determination of X-ray-induced Damage to the Murine Colon Using Tissue Compliance Measurements. International Journal of Radiation Biology, 1991, 59, 503-515.	1.8	5
84	In vitro cytotoxicity of Phortress against colorectal cancer. International Journal of Oncology, 2006, 29, 1287.	3.3	5
85	Collagen Metabolism in the Murine Colon Following X Irradiation. Radiation Research, 1992, 130, 38.	1.5	4
86	Expression of angiogenic chemokines in ovarian clear cell carcinoma. Journal of Obstetrics and Gynaecology Research, 2013, 39, 297-304.	1.3	4
87	Pushing the frontiers of radiobiology: A special feature in memory of Sir Oliver Scott and Professor Jack Fowler. British Journal of Radiology, 2019, 92, 20189005.	2.2	4
88	Immunohistochemical Assessment of Leukocyte Involvement in Angiogenesis. Methods in Molecular Biology, 2016, 1430, 49-57.	0.9	2
89	Cytotoxic and Radiosensitising Effects of a Novel Thioredoxin Reductase Inhibitor in Brain Cancers. Molecular Neurobiology, 2022, 59, 3546-3563.	4.0	2
90	In vitro radiosensitization of breast cancer with hypoxiaâ€activated prodrugs. Journal of Cellular and Molecular Medicine, 0, , .	3.6	2

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91	BJR radiobiology special feature. British Journal of Radiology, 2014, 87, 20140074.	2.2	1
92	Editorial“ nanoparticles for diagnostic imaging and radiotherapy. British Journal of Radiology, 2015, 88, 20150692.	2.2	1
93	Advances in Radiation Biology “ Highlights from the 16th ICRR special feature: introductory editorial. British Journal of Radiology, 2020, 93, 20209006.	2.2	1
94	Transfection and Transduction of Primary Human Endothelial Cells. , 2001, 46, 227-235.		0
95	Abstract 2270: Metformin and the thioredoxin system influence the radiosensitivity of luminal versus basal/triple-negative phenotype breast cancer.. , 2013, , .		0
96	60 Hz Power Frequency Magnetic Field-Enhancement of X-Ray Induced Oncogenic Transformation in Embryonic Tissue. , 1999, , 675-678.		0
97	Quantifying Lymphatic in Human Tissue Samples. Methods in Molecular Biology, 2022, 2441, 183-189.	0.9	0