

# Gareth I Owen

## List of Publications by Year in descending order

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Version: 2024-02-01

71  
papers

2,947  
citations

218381

26  
h-index

174990

52  
g-index

75  
all docs

75  
docs citations

75  
times ranked

4542  
citing authors

#	ARTICLE	IF	CITATIONS
1	Glucose transporters: expression, regulation and cancer. <i>Biological Research</i> , 2002, 35, 9-26.	1.5	379
2	Progesterone Regulates Transcription of the p21 Cyclin-dependent Kinase Inhibitor Gene through Sp1 and CBP/p300. <i>Journal of Biological Chemistry</i> , 1998, 273, 10696-10701.	1.6	324
3	Biphasic Regulation of Breast Cancer Cell Growth by Progesterone: Role of the Cyclin-Dependent Kinase Inhibitors, p21 and p27Kip1. <i>Molecular Endocrinology</i> , 1997, 11, 1593-1607.	3.7	241
4	Convergence of Progesterone with Growth Factor and Cytokine Signaling in Breast Cancer. <i>Journal of Biological Chemistry</i> , 1998, 273, 31317-31326.	1.6	164
5	A semi-quantitative assay to screen for angiogenic compounds and compounds with angiogenic potential using the EA.hy926 endothelial cell line. <i>Biological Research</i> , 2009, 42, .	1.5	125
6	Patient inflammatory status and CD4+/CD8+ intraepithelial tumor lymphocyte infiltration are predictors of outcomes in high-grade serous ovarian cancer. <i>Gynecologic Oncology</i> , 2018, 151, 10-17.	0.6	88
7	Leptin stimulates migration and invasion and maintains cancer stem-like properties in ovarian cancer cells: an explanation for poor outcomes in obese women. <i>Oncotarget</i> , 2015, 6, 21100-21119.	0.8	88
8	Paclitaxel-PHBV nanoparticles and their toxicity to endometrial and primary ovarian cancer cells. <i>Biomaterials</i> , 2013, 34, 4098-4108.	5.7	87
9	Platelets enhance tissue factor protein and metastasis initiating cell markers, and act as chemoattractants increasing the migration of ovarian cancer cells. <i>BMC Cancer</i> , 2015, 15, 290.	1.1	85
10	A semi-quantitative assay to screen for angiogenic compounds and compounds with angiogenic potential using the EA.hy926 endothelial cell line. <i>Biological Research</i> , 2009, 42, 377-89.	1.5	62
11	Escaping Antiangiogenic Therapy: Strategies Employed by Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1489.	1.8	59
12	Progesterone Increases Tissue Factor Gene Expression, Procoagulant Activity, and Invasion in the Breast Cancer Cell Line ZR-75-1. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 1181-1188.	1.8	55
13	Metformin, at Concentrations Corresponding to the Treatment of Diabetes, Potentiates the Cytotoxic Effects of Carboplatin in Cultures of Ovarian Cancer Cells. <i>Reproductive Sciences</i> , 2013, 20, 1433-1446.	1.1	52
14	The salivary peptide histatin-4 promotes endothelial cell adhesion, migration, and angiogenesis. <i>FASEB Journal</i> , 2017, 31, 4946-4958.	0.2	51
15	Estrogen and Progesterone Up-Regulate Glucose Transporter Expression in ZR-75-1 Human Breast Cancer Cells. <i>Endocrinology</i> , 2003, 144, 4527-4535.	1.4	48
16	Differential Expression of the A and B Isoforms of Progesterone Receptor in Human Endometrial Cancer Cells.. <i>Annals of the New York Academy of Sciences</i> , 1997, 828, 17-26.	1.8	45
17	Differential regulation of glucose transporter expression by estrogen and progesterone in Ishikawa endometrial cancer cells. <i>Journal of Endocrinology</i> , 2004, 182, 467-478.	1.2	42
18	Structural and functional identification of vasculogenic mimicry in vitro. <i>Scientific Reports</i> , 2017, 7, 6985.	1.6	42

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19	Fact or Fiction, It Is Time for a Verdict on Vasculogenic Mimicry?. <i>Frontiers in Oncology</i> , 2019, 9, 680.	1.3	35
20	The action of ovarian hormones in cardiovascular disease. <i>Biological Research</i> , 2003, 36, 325-41.	1.5	34
21	TRAIL mediates apoptosis in cancerous but not normal primary cultured cells of the human reproductive tract. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2007, 12, 73-85.	2.2	34
22	Regulation of GLUT3 and glucose uptake by the cAMP signalling pathway in the breast cancer cell line ZR-75. <i>Journal of Cellular Physiology</i> , 2008, 214, 110-116.	2.0	33
23	Angiogenesis inhibitors in early development for gastric cancer. <i>Expert Opinion on Investigational Drugs</i> , 2017, 26, 1007-1017.	1.9	32
24	Expression of teneurins is associated with tumor differentiation and patient survival in ovarian cancer. <i>PLoS ONE</i> , 2017, 12, e0177244.	1.1	30
25	LC-MS/MS Method for the Simultaneous Determination of Free Urinary Steroids. <i>Chromatographia</i> , 2014, 77, 637-642.	0.7	29
26	Progesterone Pre-treatment Potentiates EGF Pathway Signaling in The Breast Cancer Cell Line ZR-75*. <i>Breast Cancer Research and Treatment</i> , 2005, 94, 171-183.	1.1	28
27	Glucose Transporters in Sex Steroid Hormone Related Cancer. <i>Current Vascular Pharmacology</i> , 2009, 7, 534-548.	0.8	27
28	A snapshot of cancer in Chile: analytical frameworks for developing a cancer policy. <i>Biological Research</i> , 2015, 48, 10.	1.5	26
29	Enhanced caveolin-1 expression increases migration, anchorage-independent growth and invasion of endometrial adenocarcinoma cells. <i>BMC Cancer</i> , 2015, 15, 463.	1.1	26
30	Mechanobiology of Autophagy: The Unexplored Side of Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 632956.	1.3	26
31	2-Methoxyestradiol Mediates Apoptosis Through Caspase-Dependent and Independent Mechanisms in Ovarian Cancer Cells But Not in Normal Counterparts. <i>Reproductive Sciences</i> , 2008, 15, 878-894.	1.1	25
32	Progesterone promotes focal adhesion formation and migration in breast cancer cells through induction of protease-activated receptor-1. <i>Journal of Endocrinology</i> , 2012, 214, 165-175.	1.2	25
33	Diabetic concentrations of metformin inhibit platelet-mediated ovarian cancer cell progression. <i>Oncotarget</i> , 2017, 8, 20865-20880.	0.8	25
34	Evolutionary history of the represso tumor suppressor gene family in vertebrates with a description of a new represso gene lineage. <i>Gene</i> , 2016, 591, 245-254.	1.0	24
35	Tissue factor is regulated by epidermal growth factor in normal and malignant human endometrial epithelial cells. <i>Thrombosis and Haemostasis</i> , 2005, 94, 444-53.	1.8	24
36	The Represso Gene Family: A Novel Gene Lineage in Gastric Cancer with Tumor Suppressive Properties. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1862.	1.8	23

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37	Using plasma cell-free DNA to monitor the chemoradiotherapy course of cervical cancer. <i>International Journal of Cancer</i> , 2019, 145, 2547-2557.	2.3	23
38	Characterization and phenotypic variation with passage number of cultured human endometrial adenocarcinoma cells. <i>Tissue and Cell</i> , 2008, 40, 95-102.	1.0	21
39	Breaking through an epigenetic wall. <i>Epigenetics</i> , 2013, 8, 164-176.	1.3	20
40	The oestrogen metabolite 2-methoxyoestradiol alone or in combination with tumour necrosis factor-related apoptosis-inducing ligand mediates apoptosis in cancerous but not healthy cells of the human endometrium. <i>Endocrine-Related Cancer</i> , 2007, 14, 351-368.	1.6	19
41	PPAR $\alpha$ and PPAR $\beta$ regulate the nucleoside transporter hENT1. <i>Biochemical and Biophysical Research Communications</i> , 2012, 419, 405-411.	1.0	17
42	Involvement of the ANGPTs/Tie-2 system in ovarian hyperstimulation syndrome (OHSS). <i>Molecular and Cellular Endocrinology</i> , 2013, 365, 223-230.	1.6	16
43	Venlafaxine treatment after endothelin-1-induced cortical stroke modulates growth factor expression and reduces tissue damage in rats. <i>Neuropharmacology</i> , 2016, 107, 131-145.	2.0	16
44	High Proportion of Potential Candidates for Immunotherapy in a Chilean Cohort of Gastric Cancer Patients: Results of the FORCE1 Study. <i>Cancers</i> , 2019, 11, 1275.	1.7	16
45	Eplerenone Implantation Improved Adipose Dysfunction Averting RAAS Activation and Cell Division. <i>Frontiers in Endocrinology</i> , 2020, 11, 223.	1.5	16
46	Progesterone utilizes distinct membrane pools of tissue factor to increase coagulation and invasion and these effects are inhibited by TFPI. <i>Journal of Cellular Physiology</i> , 2011, 226, 3278-3285.	2.0	14
47	Independent Anti-Angiogenic Capacities of Coagulation Factors X and Xa. <i>Journal of Cellular Physiology</i> , 2014, 229, 1673-1680.	2.0	14
48	Coagulation Factor Xa Promotes Solid Tumor Growth, Experimental Metastasis and Endothelial Cell Activation. <i>Cancers</i> , 2019, 11, 1103.	1.7	14
49	A Molecular Stratification of Chilean Gastric Cancer Patients with Potential Clinical Applicability. <i>Cancers</i> , 2020, 12, 1863.	1.7	13
50	11 $\beta$ -Hydroxysteroid Dehydrogenase Type 2 Polymorphisms and Activity in a Chilean Essential Hypertensive and Normotensive Cohort. <i>American Journal of Hypertension</i> , 2012, 25, 597-603.	1.0	12
51	Identification of novel 11 $\beta$ -HSD1 inhibitors by combined ligand- and structure-based virtual screening. <i>Molecular and Cellular Endocrinology</i> , 2014, 384, 71-82.	1.6	12
52	The Reprimo-Like Gene Is an Epigenetic-Mediated Tumor Suppressor and a Candidate Biomarker for the Non-Invasive Detection of Gastric Cancer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9472.	1.8	12
53	2-Methoxyestradiol and Disorders of Female Reproductive Tissues. <i>Hormones and Cancer</i> , 2014, 5, 274-283.	4.9	11
54	Chilean Gastric Cancer Task Force. <i>Medicine (United States)</i> , 2018, 97, e0419.	0.4	11

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55	2-Methoxyestradiol Inhibits Progesterone-Dependent Tissue Factor Expression and Activity in Breast Cancer Cells. <i>Hormones and Cancer</i> , 2010, 1, 117-126.	4.9	10
56	Antiangiogenic, antimigratory and antiinflammatory effects of 2-methoxyestradiol in zebrafish larvae. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2013, 157, 141-149.	1.3	10
57	Progesterone regulation of tissue factor depends on MEK1/2 activation and requires the proline-rich site on progesterone receptor. <i>Endocrine</i> , 2015, 48, 309-320.	1.1	10
58	Reprimo tissue-specific expression pattern is conserved between zebrafish and human. <i>PLoS ONE</i> , 2017, 12, e0178274.	1.1	10
59	Chilean Registry for Neuroendocrine Tumors: A Latin American Perspective. <i>Hormones and Cancer</i> , 2019, 10, 3-10.	4.9	10
60	Deciphering the Role of the Coagulation Cascade and Autophagy in Cancer-Related Thrombosis and Metastasis. <i>Frontiers in Oncology</i> , 2020, 10, 605314.	1.3	10
61	In vivo and in vitro estrogenic and progestagenic actions of Tibolone. <i>Biological Research</i> , 2005, 38, 245-58.	1.5	9
62	Conflicts of CpG density and DNA methylation are proximally and distally involved in gene regulation in human and mouse tissues. <i>Epigenetics</i> , 2018, 13, 721-741.	1.3	8
63	Targeted deep sequencing from multiple sources demonstrates increased NOTCH1 alterations in lung cancer patient plasma. <i>Cancer Medicine</i> , 2019, 8, 5673-5686.	1.3	8
64	A case-control study of a combination of single nucleotide polymorphisms and clinical parameters to predict clinically relevant toxicity associated with fluoropyrimidine and platinum-based chemotherapy in gastric cancer. <i>BMC Cancer</i> , 2021, 21, 1030.	1.1	6
65	Expression of RPRM/rprm in the Olfactory System of Embryonic Zebrafish ( <i>Danio rerio</i> ). <i>Frontiers in Neuroanatomy</i> , 2018, 12, 23.	0.9	5
66	Cytosine-Adenine-Repeat Microsatellite of 11 $\beta$ -hydroxysteroid dehydrogenase 2 Gene in Hypertensive Children. <i>American Journal of Hypertension</i> , 2016, 29, 25-32.	1.0	4
67	The Reprimo gene family member, reprimo-like ( <i>rprml</i> ), is required for blood development in embryonic zebrafish. <i>Scientific Reports</i> , 2019, 9, 7131.	1.6	4
68	Cancer Research in Latin America, 2014-2019, and its Disease Burden. <i>Journal of Scientometric Research</i> , 2021, 10, s21-s31.	0.3	4
69	Impact of the Potential Antitumor Agent 2-(4-Hydroxyphenyl) Amino-1,4-Naphthoquinone (Q7) on Vasomotion Is Mediated by the Vascular Endothelium, But Not Vascular Smooth Muscle Cell Metabolism. <i>Journal of Cardiovascular Pharmacology</i> , 2021, 77, 245-252.	0.8	2
70	Retinoblastoma Protein and the Leukemia-Associated PLZF Transcription Factor Interact To Repress Target Gene Promoters.. <i>Blood</i> , 2007, 110, 1240-1240.	0.6	0
71	Abstract 1969: Distinctive profiles on immunotherapy responders versus non responders in Chilean gastric cancer patients. <i>Cancer Research</i> , 2022, 82, 1969-1969.	0.4	0