

Charles H Graham

List of Publications by Year in descending order

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73
papers

7,697
citations

66336

42
h-index

82542

72
g-index

74
all docs

74
docs citations

74
times ranked

9002
citing authors

#	ARTICLE	IF	CITATIONS
1	Aberrant inflammation in rat pregnancy leads to cardiometabolic alterations in the offspring and intrauterine growth restriction in the F2 generation. <i>Journal of Developmental Origins of Health and Disease</i> , 2022, 13, 706-718.	1.4	3
2	Inhibition of hypoxia-inducible factor 1 α accumulation by glyceryl trinitrate and cyclic guanosine monophosphate. <i>Bioscience Reports</i> , 2020, 40, .	2.4	6
3	Hypoxia-Induced Resistance to Chemotherapy in Cancer. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1136, 123-139.	1.6	58
4	The Hippo Pathway Component TAZ Promotes Immune Evasion in Human Cancer through PD-L1. <i>Cancer Research</i> , 2018, 78, 1457-1470.	0.9	216
5	CXCL10 alters the tumour immune microenvironment and disease progression in a syngeneic murine model of high-grade serous ovarian cancer. <i>Gynecologic Oncology</i> , 2017, 145, 436-445.	1.4	37
6	Persistence of risk factors associated with maternal cardiovascular disease following aberrant inflammation in rat pregnancy. <i>Biology of Reproduction</i> , 2017, 97, 143-152.	2.7	13
7	Comprehensive immune transcriptomic analysis in bladder cancer reveals subtype specific immune gene expression patterns of prognostic relevance. <i>Oncotarget</i> , 2017, 8, 70982-71001.	1.8	42
8	Effects of androgen-deprivation therapy on hypercoagulability in prostate cancer patients: A prospective, longitudinal study. <i>Canadian Urological Association Journal</i> , 2017, 11, 33.	0.6	9
9	Inflammation-induced fetal growth restriction in rats is associated with increased placental HIF-1 α accumulation. <i>PLoS ONE</i> , 2017, 12, e0175805.	2.5	41
10	Activation of the PD-1/PD-L1 immune checkpoint confers tumor cell chemoresistance associated with increased metastasis. <i>Oncotarget</i> , 2016, 7, 10557-10567.	1.8	154
11	STAT1-associated intratumoural T _H 1 immunity predicts chemotherapy resistance in high-grade serous ovarian cancer. <i>Journal of Pathology: Clinical Research</i> , 2016, 2, 259-270.	3.0	42
12	Moderate Exercise Attenuates Lipopolysaccharide-Induced Inflammation and Associated Maternal and Fetal Morbidities in Pregnant Rats. <i>PLoS ONE</i> , 2016, 11, e0154405.	2.5	18
13	A primer on tumour immunology and prostate cancer immunotherapy. <i>Canadian Urological Association Journal</i> , 2016, 10, 60.	0.6	10
14	A Mechanism of Hypoxia-Mediated Escape from Adaptive Immunity in Cancer Cells. <i>Cancer Research</i> , 2014, 74, 665-674.	0.9	591
15	Mechanisms of Hypoxia-Mediated Immune Escape in Cancer. <i>Cancer Research</i> , 2014, 74, 7185-7190.	0.9	161
16	Inflammation in rat pregnancy inhibits spiral artery remodeling leading to fetal growth restriction and features of preeclampsia. <i>Journal of Experimental Medicine</i> , 2014, 211, 165-179.	8.5	280
17	Thromboelastography Identifies Hypercoagulability and Predicts Thromboembolic Complications in Patients with Prostate Cancer. <i>Thrombosis Research</i> , 2014, 133, 88-95.	1.7	58
18	Potential therapeutic applications of phosphodiesterase inhibition in prostate cancer. <i>World Journal of Urology</i> , 2013, 31, 325-330.	2.2	39

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19	A cross-sectional study of breast cancer biomarkers among shift working nurses. <i>BMJ Open</i> , 2012, 2, e000532.	1.9	20
20	Nitroglycerin prevents coagulopathies and foetal death associated with abnormal maternal inflammation in rats. <i>Thrombosis and Haemostasis</i> , 2012, 107, 864-874.	3.4	13
21	Abnormal inflammation leads to maternal coagulopathies associated with placental haemostatic alterations in a rat model of foetal loss. <i>Thrombosis and Haemostasis</i> , 2012, 107, 438-447.	3.4	23
22	Glyceryl Trinitrate Inhibits Hypoxia-Induced Release of Soluble fms-Like Tyrosine Kinase-1 and Endoglin from Placental Tissues. <i>American Journal of Pathology</i> , 2011, 178, 2888-2896.	3.8	20
23	Hypoxia Induces Escape from Innate Immunity in Cancer Cells via Increased Expression of ADAM10: Role of Nitric Oxide. <i>Cancer Research</i> , 2011, 71, 7433-7441.	0.9	158
24	The Influence of Light at Night Exposure on Melatonin Levels among Canadian Rotating Shift Nurses. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2011, 20, 2404-2412.	2.5	62
25	Spontaneous Pregnancy Loss Mediated by Abnormal Maternal Inflammation in Rats Is Linked to Deficient Uteroplacental Perfusion. <i>Journal of Immunology</i> , 2011, 186, 1799-1808.	0.8	126
26	Hypoxia prevents etoposide-induced DNA damage in cancer cells through a mechanism involving hypoxia-inducible factor 1. <i>Molecular Cancer Therapeutics</i> , 2009, 8, 1702-1713.	4.1	56
27	mTOR mediates human trophoblast invasion through regulation of matrix-remodeling enzymes and is associated with serine phosphorylation of STAT3. <i>Experimental Cell Research</i> , 2009, 315, 1724-1733.	2.6	72
28	Role of EGFR-VEGF in human placentation: Physiological and pathological implications. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 2224-2235.	3.6	89
29	Phase II Study of Nitric Oxide Donor for Men With Increasing Prostate-specific Antigen Level After Surgery or Radiotherapy for Prostate Cancer. <i>Urology</i> , 2009, 74, 878-883.	1.0	92
30	LIGHT INTENSITY EXPOSURE, SLEEP DURATION, PHYSICAL ACTIVITY, AND BIOMARKERS OF MELATONIN AMONG ROTATING SHIFT NURSES. <i>Chronobiology International</i> , 2009, 26, 1443-1461.	2.0	78
31	The Role of Macrophages in Utero-placental Interactions During Normal and Pathological Pregnancy. <i>Immunological Investigations</i> , 2008, 37, 535-564.	2.0	114
32	Hypoxia-induced resistance to anticancer drugs is associated with decreased senescence and requires hypoxia-inducible factor-1 activity. <i>Molecular Cancer Therapeutics</i> , 2008, 7, 1961-1973.	4.1	205
33	Hypoxia Increases Tumor Cell Shedding of MHC Class I Chain-Related Molecule: Role of Nitric Oxide. <i>Cancer Research</i> , 2008, 68, 4746-4753.	0.9	133
34	Chemosensitization of Cancer by Nitric Oxide. <i>Current Pharmaceutical Design</i> , 2008, 14, 1113-1123.	1.9	93
35	Coordinated Regulation of Human Trophoblast Invasiveness by Macrophages and Interleukin 101. <i>Biology of Reproduction</i> , 2007, 76, 448-454.	2.7	50
36	Chemosensitization of Cancer In vitro and In vivo by Nitric Oxide Signaling. <i>Clinical Cancer Research</i> , 2007, 13, 2199-2206.	7.0	131

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37	Glyceryl Trinitrate Inhibits Hypoxia/Reoxygenation-Induced Apoptosis in the Syncytiotrophoblast of the Human Placenta. American Journal of Pathology, 2007, 170, 909-920.	3.8	18
38	Atrial Natriuretic Peptide Attenuates Hypoxia Induced Chemoresistance in Prostate Cancer Cells. Journal of Urology, 2007, 177, 751-756.	0.4	14
39	Confluence-dependent resistance to doxorubicin in human MDA-MB-231 breast carcinoma cells requires hypoxia-inducible factor-1 activity. Experimental Cell Research, 2007, 313, 867-877.	2.6	51
40	Hypoxia-driven selection of the metastatic phenotype. Cancer and Metastasis Reviews, 2007, 26, 319-331.	5.9	387
41	Carbon Monoxide Inhibits Hypoxia/Reoxygenation-Induced Apoptosis and Secondary Necrosis in Syncytiotrophoblast. American Journal of Pathology, 2006, 169, 774-783.	3.8	60
42	Stimulation of human breast carcinoma cell invasiveness and urokinase plasminogen activator activity by glucose deprivation. Experimental Cell Research, 2006, 312, 1685-1692.	2.6	5
43	Nitric oxide signalling and cellular adaptations to changes in oxygenation. Toxicology, 2005, 208, 235-248.	4.2	35
44	Activated Macrophages Inhibit Human Cytotrophoblast Invasiveness In Vitro1. Biology of Reproduction, 2005, 73, 237-243.	2.7	119
45	Inhibition of Human Trophoblast Invasiveness by High Glucose Concentrations. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 4846-4851.	3.6	40
46	Nitric oxide-mediated regulation of hypoxia-induced B16F10 melanoma metastasis. International Journal of Cancer, 2004, 108, 47-53.	5.1	59
47	Hypoxia Induced Resistance to Doxorubicin in Prostate Cancer Cells is Inhibited by Low Concentrations of Glyceryl Trinitrate. Journal of Urology, 2003, 170, 1003-1007.	0.4	98
48	Inhibition of breast carcinoma and trophoblast cell invasiveness by vascular endothelial growth factor α - β ††This study was supported by grants from the Heart and Stroke Foundation of Ontario (T-3361) and the Canadian Institutes of Health Research (MT-15021) awarded to CHG. TEF was the recipient of a Joint Heart and Stroke Foundation of Canada (HSFC)/Medical Research Council of Canada (MRC) Doctoral Studentship, CHG was a Research Scholar of the Heart and Stroke Foundation of Canada and CEF was a Post-Doctoral. Experimental Cell Research, 2003, 283, 247-255.	2.6	34
49	Noncatalytic domain of uPA stimulates human extravillous trophoblast migration by using phospholipase C, phosphatidylinositol 3-kinase and mitogen-activated protein kinase. Experimental Cell Research, 2003, 286, 138-151.	2.6	52
50	Oxygen as a regulator of cellular phenotypes in pregnancy and cancer. Canadian Journal of Physiology and Pharmacology, 2002, 80, 103-109.	1.4	22
51	Oxygen-mediated Regulation of Tumor Cell Invasiveness. Journal of Biological Chemistry, 2002, 277, 35730-35737.	3.4	95
52	Calpain is required for MMP-2 and u-PA expression in SV40 large T-antigen-immortalized cells. Biochemical and Biophysical Research Communications, 2002, 297, 294-301.	2.1	24
53	Effect of Hypoxia on Cellular Adhesion to Vitronectin and Fibronectin. Biochemical and Biophysical Research Communications, 2001, 287, 622-629.	2.1	42
54	Oxygen-Mediated Regulation of Gelatinase and Tissue Inhibitor of Metalloproteinases-1 Expression by Invasive Cells. Experimental Cell Research, 2001, 267, 88-94.	2.6	81

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55	Nitric Oxide-Mediated Regulation of Chemosensitivity in Cancer Cells. Journal of the National Cancer Institute, 2001, 93, 1879-1885.	6.3	160
56	Hypoxia Induces the Expression of a 43-kDa Protein (PROXY-1) in Normal and Malignant Cells. Biochemical and Biophysical Research Communications, 2000, 276, 321-328.	2.1	75
57	Hypoxia-mediated stimulation of carcinoma cell invasiveness via upregulation of urokinase receptor expression. International Journal of Cancer, 1999, 80, 617-623.	5.1	168
58	TGF β 2 regulation of trophoblast function. Placenta, 1998, 19, 149-157.	1.5	3
59	Stimulation of Plasminogen Activator Inhibitor-1 Expression in Immortalized Human Trophoblast Cells Cultured under Low Levels of Oxygen. Experimental Cell Research, 1998, 245, 155-162.	2.6	81
60	The Low Density Lipoprotein Receptor-related Protein/ α 2-Macroglobulin Receptor Regulates Cell Surface Plasminogen Activator Activity on Human Trophoblast Cells. Journal of Biological Chemistry, 1998, 273, 32273-32280.	3.4	37
61	Hypoxia Stimulates Urokinase Receptor Expression Through a Heme Protein-Dependent Pathway. Blood, 1998, 91, 3300-3307.	1.4	163
62	Hypoxia Stimulates Urokinase Receptor Expression Through a Heme Protein-Dependent Pathway. Blood, 1998, 91, 3300-3307.	1.4	2
63	Human Trophoblast Cell Adhesion to Extracellular Matrix Protein, Entactin. American Journal of Reproductive Immunology, 1996, 36, 25-32.	1.2	12
64	Expression of atrial natriuretic peptide by third-trimester placental cytotrophoblasts in women. Biology of Reproduction, 1996, 54, 834-840.	2.7	33
65	Intrinsic or acquired drug resistance and metastasis: Are they linked phenotypes?. Journal of Cellular Biochemistry, 1994, 56, 37-47.	2.6	98
66	Resistance of Malignant Trophoblast Cells to both the Anti-proliferative and Anti-invasive Effects of Transforming Growth Factor- β 2. Experimental Cell Research, 1994, 214, 93-99.	2.6	159
67	Establishment and Characterization of First Trimester Human Trophoblast Cells with Extended Lifespan. Experimental Cell Research, 1993, 206, 204-211.	2.6	922
68	Molecular mechanisms controlling trophoblast invasion of the uterus. Placenta, 1993, 14, 237-250.	1.5	11
69	Mechanisms of placental invasion of the uterus and their control. Biochemistry and Cell Biology, 1992, 70, 867-874.	2.0	235
70	Localization of Transforming Growth Factor- β 2 at the Human Fetal-Maternal Interface: Role in Trophoblast Growth and Differentiation. Biology of Reproduction, 1992, 46, 561-572.	2.7	363
71	Mechanism of control of trophoblast invasion in situ. Journal of Cellular Physiology, 1991, 148, 228-234.	4.1	355
72	Mechanisms of trophoblast invasiveness and their control: the role of proteases and protease inhibitors. Cancer and Metastasis Reviews, 1990, 9, 369-379.	5.9	264

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73	Hemopoietic origin of certain decidual cell precursors in murine pregnancy. American Journal of Anatomy, 1989, 185, 9-18.	1.0	7