

John Greenman

List of Publications by Year in descending order

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Version: 2024-02-01

105
papers

2,552
citations

159585

30
h-index

243625

44
g-index

107
all docs

107
docs citations

107
times ranked

3517
citing authors

#	ARTICLE	IF	CITATIONS
1	Microbial fuel cell scale-up options: Performance evaluation of membrane (c-MFC) and membrane-less (s-MFC) systems under different feeding regimes. <i>Journal of Power Sources</i> , 2022, 520, 230875.	7.8	30
2	Development of a Bio-Digital Interface Powered by Microbial Fuel Cells. <i>Sustainability</i> , 2022, 14, 1735.	3.2	3
3	The prognostic significance of serum interferon-gamma (IFN- γ) in hormonally dependent breast cancer. <i>Cytokine</i> , 2022, 152, 155836.	3.2	11
4	Microbial fuel cell compared to a chemostat. <i>Chemosphere</i> , 2022, 296, 133967.	8.2	11
5	Arginine methylation: the promise of a "silver bullet"™ for brain tumours?. <i>Amino Acids</i> , 2021, 53, 489-506.	2.7	16
6	Investigating oxygen transport efficiencies in precision-cut liver slice-based organ-on-a-chip devices. <i>Microfluidics and Nanofluidics</i> , 2021, 25, 1.	2.2	6
7	De-Palmitoylation of Tissue Factor Regulates Its Activity, Phosphorylation and Cellular Functions. <i>Cancers</i> , 2021, 13, 3837.	3.7	3
8	Factor VIIa Regulates the Level of Cell-Surface Tissue Factor through Separate but Cooperative Mechanisms. <i>Cancers</i> , 2021, 13, 3718.	3.7	0
9	Current understanding of nonsurgical interventions for refractory differentiated thyroid cancer: a systematic review. <i>Future Science OA</i> , 2021, 7, FSO738.	1.9	3
10	Electrosynthesis, modulation, and self-driven electroseparation in microbial fuel cells. <i>IScience</i> , 2021, 24, 102805.	4.1	6
11	Electronic faucet powered by low cost ceramic microbial fuel cells treating urine. <i>Journal of Power Sources</i> , 2021, 506, 230004.	7.8	6
12	Identification of soluble tissue-derived biomarkers from human thyroid tissue explants maintained on a microfluidic device. <i>Oncology Letters</i> , 2021, 22, 780.	1.8	6
13	The significance of HOXB7 and IL17RB serum levels in prognosis of hormonally dependent breast cancer: A pilot study. <i>Advances in Medical Sciences</i> , 2021, 66, 359-365.	2.1	0
14	Isolation and characterisation of graves™ disease-specific extracellular vesicles from tissue maintained on a bespoke microfluidic device. <i>Organs-on-a-Chip</i> , 2021, 3, 100011.	3.2	4
15	Accumulation of tissue factor in endothelial cells promotes cellular apoptosis through over-activation of Src1 and involves β 21-integrin signalling. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2020, 25, 29-41.	4.9	9
16	Microbial fuel cells directly powering a microcomputer. <i>Journal of Power Sources</i> , 2020, 446, 227328.	7.8	53
17	Development of a Microfluidic Culture Paradigm for Ex Vivo Maintenance of Human Glioblastoma Tissue: A New Glioblastoma Model?. <i>Translational Oncology</i> , 2020, 13, 1-10.	3.7	28
18	Scaling up self-stratifying supercapacitive microbial fuel cell. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 25240-25248.	7.1	12

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19	The Changing Face of in vitro Culture Models for Thyroid Cancer Research: A Systematic Literature Review. <i>Frontiers in Surgery</i> , 2020, 7, 43.	1.4	8
20	Developing 3D-Printable Cathode Electrode for Monolithically Printed Microbial Fuel Cells (MFCs). <i>Molecules</i> , 2020, 25, 3635.	3.8	17
21	Doxorubicin Enhances Procoagulant Activity of Endothelial Cells after Exposure to Tumour Microparticles on Microfluidic Devices. <i>Hemato</i> , 2020, 1, 23-34.	0.6	0
22	Activation of PAR2 by tissue factor induces the release of the PTEN from MAGI proteins and regulates PTEN and Akt activities. <i>Scientific Reports</i> , 2020, 10, 20908.	3.3	8
23	Impact of Inoculum Type on the Microbial Community and Power Performance of Urine-Fed Microbial Fuel Cells. <i>Microorganisms</i> , 2020, 8, 1921.	3.6	18
24	Microbial Fuel Cell stack performance enhancement through carbon veil anode modification with activated carbon powder. <i>Applied Energy</i> , 2020, 262, 114475.	10.1	54
25	The influence of lack of reference conditions on dosimetry in pre-clinical radiotherapy with medium energy x-ray beams. <i>Physics in Medicine and Biology</i> , 2020, 65, 085016.	3.0	9
26	Discovery, development and exploitation of steady-state biofilms. <i>Journal of Breath Research</i> , 2020, 14, 044001.	3.0	4
27	Self-stratifying microbial fuel cell: The importance of the cathode electrode immersion height. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 4524-4532.	7.1	40
28	Microbial fuel cells (MFC) and microalgae; photo microbial fuel cell (PMFC) as complete recycling machines. <i>Sustainable Energy and Fuels</i> , 2019, 3, 2546-2560.	4.9	44
29	Artificial neural network simulating microbial fuel cells with different membrane materials and electrode configurations. <i>Journal of Power Sources</i> , 2019, 436, 226832.	7.8	41
30	Scalability of self-stratifying microbial fuel cell: Towards height miniaturisation. <i>Bioelectrochemistry</i> , 2019, 127, 68-75.	4.6	22
31	A profile of arginine methyltransferase receptors in two immortal glioblastoma cell lines: the precursor to a novel target?. <i>Neuro-Oncology</i> , 2019, 21, iv18-iv19.	1.2	0
32	Towards monolithically printed Mfcs: Development of a 3d-printable membrane electrode assembly (mea). <i>International Journal of Hydrogen Energy</i> , 2019, 44, 4450-4462.	7.1	19
33	Effect of the ceramic membrane properties on the microbial fuel cell power output and catholyte generation. <i>Journal of Power Sources</i> , 2019, 429, 30-37.	7.8	27
34	The Ratio of Factor VIIa:Tissue Factor Content within Microvesicles Determines the Differential Influence on Endothelial Cells. <i>TH Open</i> , 2019, 03, e132-e145.	1.4	8
35	Development of an anatomically correct mouse phantom for dosimetry measurement in small animal radiotherapy research. <i>Physics in Medicine and Biology</i> , 2019, 64, 12NT02.	3.0	18
36	Low molecular weight heparin and direct oral anticoagulants influence tumour formation, growth, invasion and vascularisation by separate mechanisms. <i>Scientific Reports</i> , 2019, 9, 6272.	3.3	12

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37	A patient tumour-on-a-chip system for personalised investigation of radiotherapy based treatment regimens. <i>Scientific Reports</i> , 2019, 9, 6327.	3.3	28
38	A novel microfluidic device capable of maintaining functional thyroid carcinoma specimens ex vivo provides a new drug screening platform. <i>BMC Cancer</i> , 2019, 19, 259.	2.6	32
39	A Comprehensive Study of Custom-Made Ceramic Separators for Microbial Fuel Cells: Towards "Living" Bricks. <i>Energies</i> , 2019, 12, 4071.	3.1	23
40	Procoagulant tumor microvesicles attach to endothelial cells on biochips under microfluidic flow. <i>Biomicrofluidics</i> , 2019, 13, 064124.	2.4	8
41	Increased power generation in supercapacitive microbial fuel cell stack using Fe N C cathode catalyst. <i>Journal of Power Sources</i> , 2019, 412, 416-424.	7.8	42
42	Innovative organotypic in vitro models for safety assessment: aligning with regulatory requirements and understanding models of the heart, skin, and liver as paradigms. <i>Archives of Toxicology</i> , 2018, 92, 557-569.	4.2	35
43	WSB-1 regulates the metastatic potential of hormone receptor negative breast cancer. <i>British Journal of Cancer</i> , 2018, 118, 1229-1237.	6.4	19
44	Peptidyl-prolyl isomerase 1 (Pin1) preserves the phosphorylation state of tissue factor and prolongs its release within microvesicles. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2018, 1865, 12-24.	4.1	13
45	Novel Analytical Microbial Fuel Cell Design for Rapid in Situ Optimisation of Dilution Rate and Substrate Supply Rate, by Flow, Volume Control and Anode Placement. <i>Energies</i> , 2018, 11, 2377.	3.1	17
46	Inhibiting Arginine Methylation as a Tool to Investigate Cross-Talk with Methylation and Acetylation Post-Translational Modifications in a Glioblastoma Cell Line. <i>Proteomes</i> , 2018, 6, 44.	3.5	8
47	PEE POWER [®] urinal II " Urinal scale-up with microbial fuel cell scale-down for improved lighting. <i>Journal of Power Sources</i> , 2018, 392, 150-158.	7.8	106
48	Dynamic evolution of anodic biofilm when maturing under different external resistive loads in microbial fuel cells. Electrochemical perspective. <i>Journal of Power Sources</i> , 2018, 400, 392-401.	7.8	58
49	Allometric scaling of microbial fuel cells and stacks: The lifeform case for scale-up. <i>Journal of Power Sources</i> , 2017, 356, 365-370.	7.8	55
50	Maintenance of head and neck tumor on-chip: gateway to personalized treatment?. <i>Future Science OA</i> , 2017, 3, FSO174.	1.9	28
51	The Role of Chemokines in Thyroid Carcinoma. <i>Thyroid</i> , 2017, 27, 1347-1359.	4.5	37
52	Do sodium channel proteolytic fragments regulate sodium channel expression?. <i>Channels</i> , 2017, 11, 476-481.	2.8	4
53	Amino acid based gallium-68 chelators capable of radiolabeling at neutral pH. <i>Dalton Transactions</i> , 2017, 46, 16973-16982.	3.3	11
54	Looking to the future of organs-on-chip. <i>Future Science OA</i> , 2017, 3, FSO205.	1.9	6

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55	Measuring the response of human head and neck squamous cell carcinoma to irradiation in a microfluidic model allowing customized therapy. <i>International Journal of Oncology</i> , 2017, 51, 1227-1238.	3.3	24
56	A microfluidic chip based model for the study of full thickness human intestinal tissue using dual flow. <i>Biomicrofluidics</i> , 2016, 10, 064101.	2.4	47
57	Oligoubiquitination of tissue factor on Lys255 promotes Ser253-dephosphorylation and terminates TF release. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 2846-2857.	4.1	7
58	Current advances in ligand design for inorganic positron emission tomography tracers ⁶⁸ Ga, ⁶⁴ Cu, ⁸⁹ Zr and ⁴⁴ Sc. <i>Dalton Transactions</i> , 2016, 45, 15702-15724.	3.3	81
59	Analysis of Radiation-Induced Cell Death in Head and Neck Squamous Cell Carcinoma and Rat Liver Maintained in Microfluidic Devices. <i>Otolaryngology - Head and Neck Surgery</i> , 2014, 150, 73-80.	1.9	28
60	Effect of resection of localized pancreaticobiliary adenocarcinoma on angiogenic markers and tissue factor related pro-thrombotic and pro-angiogenic activity. <i>Thrombosis Research</i> , 2014, 134, 479-487.	1.7	6
61	Application of microfluidic systems in management of head and neck squamous cell carcinoma. <i>Head and Neck</i> , 2013, 35, 756-763.	2.0	6
62	Increased prevalence of tumour infiltrating immune cells in oropharyngeal tumours in comparison to other subsites: relationship to peripheral immunity. <i>Cancer Immunology, Immunotherapy</i> , 2013, 62, 863-873.	4.2	30
63	Tumour and microparticle tissue factor expression and cancer thrombosis. <i>Thrombosis Research</i> , 2013, 131, 109-115.	1.7	43
64	Integrated RNA extraction and RT-PCR for semi-quantitative gene expression studies on a microfluidic device. <i>Laboratory Investigation</i> , 2013, 93, 961-966.	3.7	16
65	Markers of cell division cycle in glioblastoma: significance in prediction of treatment response and patient prognosis. <i>British Journal of Neurosurgery</i> , 2013, 27, 752-758.	0.8	0
66	Increased frequency and suppressive activity of CD127 ^{low} -Tregs in the peripheral circulation of patients with head and neck squamous cell carcinoma are associated with advanced stage and nodal involvement. <i>Immunology</i> , 2013, 140, n/a-n/a.	4.4	41
67	Development of Microfluidic-based Analytical Methodology for Studying the Effects of Chemotherapy Agents on Cancer Tissue. <i>Current Analytical Chemistry</i> , 2013, 9, 2-8.	1.2	15
68	Clinical utility of anti-p53 auto-antibody: Systematic review and focus on colorectal cancer. <i>World Journal of Gastroenterology</i> , 2013, 19, 4651.	3.3	50
69	Duramycin exhibits antiproliferative properties and induces apoptosis in tumour cells. <i>Blood Coagulation and Fibrinolysis</i> , 2012, 23, 396-401.	1.0	20
70	Direct processing of clinically relevant large volume samples for the detection of sexually transmitted infectious agents from urine on a microfluidic device. <i>Analytical Methods</i> , 2012, 4, 2141.	2.7	3
71	Effect of treatment on systemic cytokines in head and neck squamous cell carcinoma patients. <i>Results in Immunology</i> , 2012, 2, 1-6.	2.2	8
72	Development of Microfluidic-based Analytical Methodology for Studying the Effects of Chemotherapy Agents on Cancer Tissue. <i>Current Analytical Chemistry</i> , 2012, 9, 2-8.	1.2	5

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73	Evaluation of heart tissue viability under redoxâ€magnetohydrodynamics conditions: Toward fineâ€tuning flow in biological microfluidics applications. <i>Biotechnology and Bioengineering</i> , 2012, 109, 1827-1834.	3.3	8
74	A Microfluidic System for Testing the Responses of Head and Neck Squamous Cell Carcinoma Tissue Biopsies to Treatment with Chemotherapy Drugs. <i>Annals of Biomedical Engineering</i> , 2012, 40, 1277-1288.	2.5	34
75	Voltammetric Immunoassay for the Detection of Protein Biomarkers. <i>Electroanalysis</i> , 2012, 24, 264-272.	2.9	20
76	Serum IL10 and circulating CD4 ⁺ CD25 ^{high} regulatory T cell numbers as predictors of clinical outcome and survival in patients with head and neck squamous cell carcinoma. <i>Head and Neck</i> , 2011, 33, 415-423.	2.0	40
77	Pancreatic cancer cell and microparticle procoagulant surface characterization. <i>Blood Coagulation and Fibrinolysis</i> , 2011, 22, 680-687.	1.0	36
78	Study of ethanol induced toxicity in liver explants using microfluidic devices. <i>Biomedical Microdevices</i> , 2011, 13, 1005-1014.	2.8	28
79	Onâ€chip integrated labelling, transport and detection of tumour cells. <i>Electrophoresis</i> , 2011, 32, 3188-3195.	2.4	5
80	The Hemostasis Apparatus in Pancreatic Cancer and Its Importance beyond Thrombosis. <i>Cancers</i> , 2011, 3, 267-284.	3.7	4
81	Weight-adjusted dalteparin for prevention of vascular thromboembolism in advanced pancreatic cancer patients decreases serum tissue factor and serum-mediated induction of cancer cell invasion. <i>Blood Coagulation and Fibrinolysis</i> , 2010, 21, 452-458.	1.0	22
82	Microfluidic perfusion system for maintaining viable heart tissue with real-time electrochemical monitoring of reactive oxygen species. <i>Lab on A Chip</i> , 2010, 10, 2720.	6.0	55
83	A microfluidic device for tissue biopsy culture and interrogation. <i>Analytical Methods</i> , 2010, 2, 1005.	2.7	29
84	Preoperative serum levels of serum VEGF-C is associated with distant metastasis in colorectal cancer patients. <i>International Journal of Colorectal Disease</i> , 2009, 24, 269-274.	2.2	19
85	Head and neck tumour immunology: basic concepts and new clinical implications. <i>Journal of Laryngology and Otology</i> , 2009, 123, 9-18.	0.8	2
86	Anti-p53 autoantibody in colorectal cancer: prognostic significance in long-term follow-up. <i>International Journal of Colorectal Disease</i> , 2008, 23, 595-600.	2.2	31
87	Vascular endothelial growth factor and psychosocial factors in colorectal cancer. <i>Psycho-Oncology</i> , 2008, 17, 66-73.	2.3	27
88	Regulatory T cells: What role do they play in antitumor immunity in patients with head and neck cancer?. <i>Head and Neck</i> , 2008, 30, 251-261.	2.0	49
89	Development of a microfluidic device for the maintenance and interrogation of viable tissue biopsies. <i>Lab on A Chip</i> , 2008, 8, 1842.	6.0	60
90	Investigation of interleukin 10, 12 and 18 levels in patients with head and neck cancer. <i>Journal of Laryngology and Otology</i> , 2007, 121, 246-252.	0.8	65

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91	Unraveling the Chromosomal Aberrations of Head and Neck Squamous Cell Carcinoma: A Review. <i>Annals of Surgical Oncology</i> , 2005, 12, 831-842.	1.5	27
92	Dendritic cells and HNSCC: a potential treatment option? (Review). <i>Oncology Reports</i> , 2005, 13, 3-10.	2.6	23
93	Can a genetic signature for metastatic head and neck squamous cell carcinoma be characterised by comparative genomic hybridisation?. <i>British Journal of Cancer</i> , 2004, 90, 1976-1982.	6.4	15
94	Prognostic value of genomic alterations in head and neck squamous cell carcinoma detected by comparative genomic hybridisation. <i>British Journal of Cancer</i> , 2003, 89, 864-869.	6.4	56
95	Soluble Tie-2 receptor levels independently predict locoregional recurrence in head and neck squamous cell carcinoma. <i>Head and Neck</i> , 2002, 24, 773-778.	2.0	9
96	The role of CD8+ T cells in immune responses to colorectal cancer. <i>Cancer Immunology, Immunotherapy</i> , 2002, 51, 235-247.	4.2	53
97	Genetic changes in breast cancer detected by comparative genomic hybridisation. <i>International Journal of Cancer</i> , 2000, 86, 494-500.	5.1	69
98	Pre-operative serum vascular endothelial growth factor can select patients for adjuvant treatment after curative resection in colorectal cancer. <i>British Journal of Cancer</i> , 2000, 83, 1425-1431.	6.4	71
99	Genetic changes in breast cancer detected by comparative genomic hybridisation. , 2000, 86, 494.		1
100	Genetic Analysis of Head and Neck Squamous Cell Carcinoma and Surrounding Mucosa. <i>JAMA Otolaryngology</i> , 1999, 125, 1341.	1.2	22
101	Serum vascular endothelial growth factor in patients with head and neck squamous cell carcinoma. <i>Clinical Otolaryngology</i> , 1999, 24, 426-430.	0.0	21
102	The role of monocytes and natural killer cells in mediating antibody-dependent lysis of colorectal tumour cells. <i>Cancer Immunology, Immunotherapy</i> , 1999, 48, 517-524.	4.2	30
103	Genetic changes associated with telomerase activity in breast cancer. , 1999, 84, 516-520.		28
104	Multiple cell populations in colorectal carcinomas: analysis by 3-colour fluorescence in situ hybridization.. <i>International Journal of Oncology</i> , 1998, 12, 75-80.	3.3	0
105	Advanced colorectal cancer is associated with impaired interleukin 12 and enhanced interleukin 10 production. <i>Clinical Cancer Research</i> , 1998, 4, 1943-8.	7.0	75