

# Michael J Gough

## List of Publications by Citations

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95  
papers

4,153  
citations

40  
h-index

62  
g-index

123  
ext. papers

4,912  
ext. citations

6.2  
avg. IF

5.23  
L-index

#	Paper	IF	Citations
95	The potential use of laser capture microdissection to selectively obtain distinct populations of cells for proteomic analysis--preliminary findings. <i>Electrophoresis</i> , <b>1999</b> , 20, 689-700	3.6	271
94	PKC-delta is an apoptotic lamin kinase. <i>Oncogene</i> , <b>2000</b> , 19, 2331-7	9.2	190
93	Timing of PD-1 Blockade Is Critical to Effective Combination Immunotherapy with Anti-OX40. <i>Clinical Cancer Research</i> , <b>2017</b> , 23, 6165-6177	12.9	179
92	Optimizing Timing of Immunotherapy Improves Control of Tumors by Hypofractionated Radiation Therapy. <i>PLoS ONE</i> , <b>2016</b> , 11, e0157164	3.7	171
91	Radiotherapy Combined with Novel STING-Targeting Oligonucleotides Results in Regression of Established Tumors. <i>Cancer Research</i> , <b>2016</b> , 76, 50-61	10.1	146
90	OX40 agonist therapy enhances CD8 infiltration and decreases immune suppression in the tumor. <i>Cancer Research</i> , <b>2008</b> , 68, 5206-15	10.1	124
89	Adjuvant therapy with agonistic antibodies to CD134 (OX40) increases local control after surgical or radiation therapy of cancer in mice. <i>Journal of Immunotherapy</i> , <b>2010</b> , 33, 798-809	5	121
88	Signaling through OX40 enhances antitumor immunity. <i>Seminars in Oncology</i> , <b>2010</b> , 37, 524-32	5.5	107
87	A simple method to cure established tumors by inflammatory killing of normal cells. <i>Nature Biotechnology</i> , <b>2004</b> , 22, 1125-32	44.5	97
86	Facets of heat shock protein 70 show immunotherapeutic potential. <i>Immunology</i> , <b>2003</b> , 110, 1-9	7.8	92
85	Apoptosis or necrosis for tumor immunotherapy: what's in a name?. <i>Journal of Molecular Medicine</i> , <b>1999</b> , 77, 824-33	5.5	87
84	Intratumoral injection of STING ligand promotes abscopal effect <b>2014</b> , 2,		78
83	Preparative immunotherapy with anti-OX40 and anti-CTLA4 improves the response to chemotherapy <b>2014</b> , 2,		78
82	Circulating immune cells in patients with surgically resected nonfunctional pancreatic neuroendocrine tumors <b>2015</b> , 3, P140		78
81	Tumor control by intravenous administration of STING ligand requires combination with precisely timed radiation therapy <b>2015</b> , 3,		78
80	Programmed cell death-1 blockade in combination with stereotactic radiation in an orthotopic mouse model of hepatocellular carcinoma <b>2015</b> , 3, P369		78
79	Radiation therapy and vaccination against tumor-specific EGFRvIII effectively clears tumors in a murine model of head and neck squamous cell carcinoma <b>2015</b> , 3,		78

78	Immune consequences of CT-guided radiation therapy of mouse mammary tumors <b>2013</b> , 1,		78
77	Improved efficacy of radiation in combination with TGF $\beta$ inhibition in a colorectal cancer mouse model <b>2013</b> , 1,		78
76	Defects in the acquisition of CD8 T cell effector function after priming with tumor or soluble antigen can be overcome by the addition of an OX40 agonist. <i>Journal of Immunology</i> , <b>2007</b> , 179, 7244-53	5.3	74
75	Viral fusogenic membrane glycoproteins kill solid tumor cells by nonapoptotic mechanisms that promote cross presentation of tumor antigens by dendritic cells. <i>Cancer Research</i> , <b>2002</b> , 62, 6566-78	10.1	74
74	Expression of NF- $\kappa$ B p50 in tumor stroma limits the control of tumors by radiation therapy. <i>PLoS ONE</i> , <b>2012</b> , 7, e39295	3.7	71
73	Cells as vehicles for cancer gene therapy: the missing link between targeted vectors and systemic delivery?. <i>Human Gene Therapy</i> , <b>2002</b> , 13, 1263-80	4.8	69
72	Enhancing the efficacy of a weak allogeneic melanoma vaccine by viral fusogenic membrane glycoprotein-mediated tumor cell-tumor cell fusion. <i>Cancer Research</i> , <b>2002</b> , 62, 5495-504	10.1	67
71	A new genetic method to generate and isolate small, short-lived but highly potent dendritic cell-tumor cell hybrid vaccines. <i>Nature Medicine</i> , <b>2003</b> , 9, 1215-9	50.5	63
70	Mertk on tumor macrophages is a therapeutic target to prevent tumor recurrence following radiation therapy. <i>Oncotarget</i> , <b>2016</b> , 7, 78653-78666	3.3	61
69	Role of the immunosuppressive microenvironment in immunotherapy. <i>Advances in Radiation Oncology</i> , <b>2018</b> , 3, 520-526	3.3	61
68	A hypofractionated radiation regimen avoids the lymphopenia associated with neoadjuvant chemoradiation therapy of borderline resectable and locally advanced pancreatic adenocarcinoma <b>2016</b> , 4, 45		60
67	Tumor cure by radiation therapy and checkpoint inhibitors depends on pre-existing immunity. <i>Scientific Reports</i> , <b>2018</b> , 8, 7012	4.9	56
66	Intratumoral immunotherapy: using the tumour against itself. <i>Immunology</i> , <b>2005</b> , 114, 11-22	7.8	56
65	Macrophages orchestrate the immune response to tumor cell death. <i>Cancer Research</i> , <b>2001</b> , 61, 7240-7	10.1	56
64	Gene therapy to manipulate effector T cell trafficking to tumors for immunotherapy. <i>Journal of Immunology</i> , <b>2005</b> , 174, 5766-73	5.3	51
63	Expression of inflammatory chemokines combined with local tumor destruction enhances tumor regression and long-term immunity. <i>Cancer Research</i> , <b>2003</b> , 63, 5505-12	10.1	48
62	TGF $\beta$ suppresses CD8 T cell expression of CXCR3 and tumor trafficking. <i>Nature Communications</i> , <b>2020</b> , 11, 1749	17.4	45
61	Ligation of the OX40 co-stimulatory receptor reverses self-Ag and tumor-induced CD8 T-cell anergy in vivo. <i>European Journal of Immunology</i> , <b>2009</b> , 39, 2184-94	6.1	44

60	Fusogenic membrane glycoprotein-mediated tumour cell fusion activates human dendritic cells for enhanced IL-12 production and T-cell priming. <i>Gene Therapy</i> , <b>2006</b> , 13, 138-49	4	42
59	OX40 signaling in head and neck squamous cell carcinoma: Overcoming immunosuppression in the tumor microenvironment. <i>Oral Oncology</i> , <b>2016</b> , 52, 1-10	4.4	41
58	Neuroinflammatory and cognitive consequences of combined radiation and immunotherapy in a novel preclinical model. <i>Oncotarget</i> , <b>2017</b> , 8, 9155-9173	3.3	41
57	TGF $\beta$ inhibition prior to hypofractionated radiation enhances efficacy in preclinical models. <i>Cancer Immunology Research</i> , <b>2014</b> , 2, 1011-22	12.5	40
56	MIP-3 $\alpha$ transfection into a rodent tumor cell line increases intratumoral dendritic cell infiltration but enhances (facilitates) tumor growth and decreases immunogenicity. <i>Journal of Immunology</i> , <b>2004</b> , 173, 4929-35	5.3	40
55	Evaluation of Explant Responses to STING Ligands: Personalized Immunosurgical Therapy for Head and Neck Squamous Cell Carcinoma. <i>Cancer Research</i> , <b>2018</b> , 78, 6308-6319	10.1	35
54	Intradermal injection, as opposed to subcutaneous injection, enhances immunogenicity and suppresses tumorigenicity of tumor cells. <i>Cancer Research</i> , <b>2003</b> , 63, 2145-9	10.1	35
53	The impact of the myeloid response to radiation therapy. <i>Clinical and Developmental Immunology</i> , <b>2013</b> , 2013, 281958		34
52	The peripheral myeloid expansion driven by murine cancer progression is reversed by radiation therapy of the tumor. <i>PLoS ONE</i> , <b>2013</b> , 8, e69527	3.7	34
51	Blockade of fibroblast activation protein in combination with radiation treatment in murine models of pancreatic adenocarcinoma. <i>PLoS ONE</i> , <b>2019</b> , 14, e0211117	3.7	32
50	Stimulating Innate Immunity to Enhance Radiation Therapy-Induced Tumor Control. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2017</b> , 99, 362-373	4	31
49	Expression of arginase I in myeloid cells limits control of residual disease after radiation therapy of tumors in mice. <i>Radiation Research</i> , <b>2014</b> , 182, 182-90	3.1	31
48	Programmed cell death-1 blockade enhances response to stereotactic radiation in an orthotopic murine model of hepatocellular carcinoma. <i>Hepatology Research</i> , <b>2017</b> , 47, 702-714	5.1	30
47	A transcriptional feedback loop for tissue-specific expression of highly cytotoxic genes which incorporates an immunostimulatory component. <i>Gene Therapy</i> , <b>2001</b> , 8, 987-98	4	30
46	Tumor antigen-specific induction of transcriptionally targeted retroviral vectors from chimeric immune receptor-modified T cells. <i>Nature Biotechnology</i> , <b>2002</b> , 20, 256-63	44.5	28
45	A Novel Agonist of the TRIF Pathway Induces a Cellular State Refractory to Replication of Zika, Chikungunya, and Dengue Viruses. <i>MBio</i> , <b>2017</b> , 8,	7.8	27
44	OX40 (CD134) and OX40L. <i>Advances in Experimental Medicine and Biology</i> , <b>2009</b> , 647, 94-107	3.6	27
43	Combination approaches to immunotherapy: the radiotherapy example. <i>Immunotherapy</i> , <b>2009</b> , 1, 1025-37.8		26

42	Dendritic Cell Maturation Defines Immunological Responsiveness of Tumors to Radiation Therapy. <i>Journal of Immunology</i> , <b>2020</b> , 204, 3416-3424	5.3	23
41	STING expression and response to treatment with STING ligands in premalignant and malignant disease. <i>PLoS ONE</i> , <b>2017</b> , 12, e0187532	3.7	23
40	Transcriptional Upregulation of NLRC5 by Radiation Drives STING- and Interferon-Independent MHC-I Expression on Cancer Cells and T Cell Cytotoxicity. <i>Scientific Reports</i> , <b>2020</b> , 10, 7376	4.9	22
39	Targeting macrophages in the tumour environment to enhance the efficacy of OX40 therapy. <i>Immunology</i> , <b>2012</b> , 136, 437-47	7.8	19
38	The ataxia telangiectasia mutated kinase pathway regulates IL-23 expression by human dendritic cells. <i>Journal of Immunology</i> , <b>2013</b> , 190, 3246-55	5.3	18
37	Synergy of adoptive T-cell therapy and intratumoral suicide gene therapy is mediated by host NK cells. <i>Gene Therapy</i> , <b>2007</b> , 14, 998-1009	4	17
36	Cell death associated with genetic prodrug activation therapy of colorectal cancer. <i>Cancer Letters</i> , <b>2001</b> , 174, 25-33	9.9	16
35	Neoadjuvant immunoradiotherapy results in high rate of complete pathological response and clinical to pathological downstaging in locally advanced head and neck squamous cell carcinoma <b>2021</b> , 9,		16
34	Activating the Nucleic Acid-Sensing Machinery for Anticancer Immunity. <i>International Review of Cell and Molecular Biology</i> , <b>2019</b> , 344, 173-214	6	15
33	Germinal center reactions in tertiary lymphoid structures associate with neoantigen burden, humoral immunity and long-term survivorship in pancreatic cancer. <i>Oncotarget</i> , <b>2021</b> , 12, 1900635	7.2	15
32	Stromal fibroblasts support dendritic cells to maintain IL-23/Th17 responses after exposure to ionizing radiation. <i>Journal of Leukocyte Biology</i> , <b>2016</b> , 100, 381-9	6.5	13
31	Induction of cell stress through gene transfer of an engineered heat shock transcription factor enhances tumor immunogenicity. <i>Gene Therapy</i> , <b>2004</b> , 11, 1099-104	4	12
30	Renal carcinoma cell lines inhibit natural killer activity via the CD94 receptor molecule. <i>Cancer Immunology, Immunotherapy</i> , <b>2001</b> , 50, 260-8	7.4	11
29	Targeting MerTK Enhances Adaptive Immune Responses After Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2020</b> , 108, 93-103	4	10
28	A microbial-based cancer vaccine for induction of EGFRvIII-specific CD8+ T cells and anti-tumor immunity. <i>PLoS ONE</i> , <b>2019</b> , 14, e0209153	3.7	10
27	Response to radiotherapy in pancreatic ductal adenocarcinoma is enhanced by inhibition of myeloid-derived suppressor cells using STAT3 anti-sense oligonucleotide. <i>Cancer Immunology, Immunotherapy</i> , <b>2021</b> , 70, 989-1000	7.4	10
26	Comparing equals when evaluating immunotherapy with different doses and fractions of radiation therapy. <i>Immunotherapy</i> , <b>2015</b> , 7, 847-9	3.8	9
25	Cytoreductive surgery for head and neck squamous cell carcinoma in the new age of immunotherapy. <i>Oral Oncology</i> , <b>2016</b> , 61, 166-76	4.4	9

24	Association of Immunologic Markers With Survival in Upfront Resectable Pancreatic Cancer. <i>JAMA Surgery</i> , <b>2018</b> , 153, 1055-1057	5.4	9
23	Induction of ADAM10 by Radiation Therapy Drives Fibrosis, Resistance, and Epithelial-to-Mesenchymal Transition in Pancreatic Cancer. <i>Cancer Research</i> , <b>2021</b> , 81, 3255-3269	10.1	9
22	Does osmotic control of gastric emptying persist after truncal vagotomy?. <i>British Journal of Surgery</i> , <b>1981</b> , 68, 77-80	5.3	8
21	Amplifying IFN- $\gamma$ Signaling in Dendritic Cells by CD11c-Specific Loss of SOCS1 Increases Innate Immunity to Infection while Decreasing Adaptive Immunity. <i>Journal of Immunology</i> , <b>2018</b> , 200, 177-185	5.3	8
20	Defining Immunogenic and Radioimmunogenic Tumors. <i>Frontiers in Oncology</i> , <b>2021</b> , 11, 667075	5.3	7
19	Tumor immune remodeling by TGF $\beta$ inhibition improves the efficacy of radiation therapy. <i>Oncolmmunology</i> , <b>2015</b> , 4, e955696	7.2	6
18	Dendritic cells for the immunotherapy of cancer. <i>Clinical Oncology</i> , <b>2002</b> , 14, 185-92	2.8	5
17	Transcriptional and immunohistological assessment of immune infiltration in pancreatic cancer. <i>PLoS ONE</i> , <b>2020</b> , 15, e0238380	3.7	5
16	Using Preclinical Data to Design Combination Clinical Trials of Radiation Therapy and Immunotherapy. <i>Seminars in Radiation Oncology</i> , <b>2020</b> , 30, 158-172	5.5	4
15	Circulating and intratumoral macrophages in patients with hepatocellular carcinoma: correlation with therapeutic approach. <i>American Journal of Surgery</i> , <b>2013</b> , 205, 534-40	2.7	4
14	The Dynamic Entropy of Tumor Immune Infiltrates: The Impact of Recirculation, Antigen-Specific Interactions, and Retention on T Cells in Tumors. <i>Frontiers in Oncology</i> , <b>2021</b> , 11, 653625	5.3	4
13	Developing an Immunotherapy Strategy for the Effective Treatment of Oral, Head and Neck Squamous Cell Carcinoma. <i>Journal of Oral and Maxillofacial Surgery</i> , <b>2015</b> , 73, S107-15	1.8	3
12	Ideal Timing of Immunotherapy With Radiation in Murine Tumor Models. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2014</b> , 90, S58	4	3
11	Abstract CT182: Neoadjuvant immuno-radiotherapy (NIRT) in head and neck cancer: Phase I/Ib study of combined PD-1/SBRT prior to surgical resection <b>2019</b> ,		3
10	The TAM family as a therapeutic target in combination with radiation therapy. <i>Emerging Topics in Life Sciences</i> , <b>2017</b> , 1, 493-500	3.5	3
9	Explant Modeling of the Immune Environment of Head and Neck Cancer. <i>Frontiers in Oncology</i> , <b>2021</b> , 11, 611365	5.3	2
8	Bile reflux and gastric emptying in patients with combined gastric and duodenal ulceration. <i>British Journal of Surgery</i> , <b>1981</b> , 68, 323-5	5.3	1
7	An exploratory phase I trial of immunochemoradiotherapy in locally advanced and borderline resectable (LA/BR) pancreatic adenocarcinoma (PC).. <i>Journal of Clinical Oncology</i> , <b>2013</b> , 31, 174-174	2.2	1

6	Preclinical combination of radiation and fibroblast activation protein inhibition in pancreatic cancer.. <i>Journal of Clinical Oncology</i> , <b>2016</b> , 34, e23117-e23117	2.2	1
5	Characterization of a Novel Compound That Stimulates STING-Mediated Innate Immune Activity in an Allele-Specific Manner. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 1430	8.4	1
4	A platform for locoregional T-cell immunotherapy to control HNSCC recurrence following tumor resection. <i>Oncotarget</i> , <b>2021</b> , 12, 1201-1213	3.3	1
3	Ligation of the OX40 co-stimulatory receptor reverses self-Ag and tumor-induced CD8 T-cell anergy in vivo <b>2009</b> , 39, 2184		1
2	Listeria monocytogenes-infected human monocytic derived dendritic cells activate V $\beta$ V $\alpha$ T cells independently of HMBPP production. <i>Scientific Reports</i> , <b>2021</b> , 11, 16347	4.9	0
1	The potential use of laser capture microdissection to selectively obtain distinct populations of cells for proteomic analysis [Preliminary findings]109-120		