Gareth J Thomas

List of Publications by Year
in descending order

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121 papers	6,834 citations	61984 43 h-index	69250 77 g-index
127 all docs	127 docs citations	127 times ranked	12403 citing authors

#	Article	IF	Citations
1	mTOR regulates MAPKAPK2 translation to control the senescence-associated secretory phenotype. Nature Cell Biology, 2015, 17, 1205-1217.	10.3	552
2	Tissue-resident memory features are linked to the magnitude of cytotoxic T cell responses in human lung cancer. Nature Immunology, 2017, 18, 940-950.	14.5	407
3	Stromal features are predictive of disease mortality in oral cancer patients. Journal of Pathology, 2011, 223, 470-481.	4.5	260
4	Pan-cancer deconvolution of tumour composition using DNA methylation. Nature Communications, 2018, 9, 3220.	12.8	205
5	Tumor-stromal interactions in pancreatic cancer. Pancreatology, 2013, 13, 1-7.	1.1	190
6	NOX4 Inhibition Potentiates Immunotherapy by Overcoming Cancer-Associated Fibroblast-Mediated CD8 T-cell Exclusion from Tumors. Cancer Research, 2020, 80, 1846-1860.	0.9	189
7	Single-cell transcriptomic analysis of tissue-resident memory T cells in human lung cancer. Journal of Experimental Medicine, 2019, 216, 2128-2149.	8.5	160
8	Cancerâ€associated fibroblasts predict poor outcome and promote periostinâ€dependent invasion in oesophageal adenocarcinoma. Journal of Pathology, 2015, 235, 466-477.	4.5	154
9	A subset of myofibroblastic cancer-associated fibroblasts regulate collagen fiber elongation, which is prognostic in multiple cancers. Oncotarget, 2016, 7, 6159-6174.	1.8	149
10	Farnesoid X Receptor Ligands Inhibit Vascular Smooth Muscle Cell Inflammation and Migration. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 2606-2611.	2.4	144
11	Î±vÎ²6integrin promotes invasion of squamous carcinoma cells through up-regulation of matrix metalloproteinase-9. International Journal of Cancer, 2001, 92, 641-650.	5.1	140
12	Targeting the Myofibroblastic Cancer-Associated Fibroblast Phenotype Through Inhibition of NOX4. Journal of the National Cancer Institute, 2018, 110, 109-120.	6.3	134
13	miR-153 Supports Colorectal Cancer Progression via Pleiotropic Effects That Enhance Invasion and Chemotherapeutic Resistance. Cancer Research, 2013, 73, 6435-6447.	0.9	132
14	Therapeutic Targeting of Integrin Î±vÎ²6 in Breast Cancer. Journal of the National Cancer Institute, 2014, 106, .	6.3	132
15	HPV-Related Oropharynx Cancer in the United Kingdom: An Evolution in the Understanding of Disease Etiology. Cancer Research, 2016, 76, 6598-6606.	0.9	128
16	HS1-Associated Protein X-1 Regulates Carcinoma Cell Migration and Invasion via Clathrin-Mediated Endocytosis of Integrin Î±vÎ²6. Cancer Research, 2007, 67, 5275-5284.	0.9	127
17	Antibody-Mediated Blockade of Integrin Î±vÎ²6 Inhibits Tumor Progression In vivo by a Transforming Growth Factor-Î²â€“Regulated Mechanism. Cancer Research, 2008, 68, 561-570.	0.9	124
18	Expression of the Î±vÎ²6 Integrin Promotes Migration and Invasion in Squamous Carcinoma Cells. Journal of Investigative Dermatology, 2001, 117, 67-73.	0.7	114

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19	Periductal stromal collagen topology of pancreatic ductal adenocarcinoma differs from that of normal and chronic pancreatitis. Modern Pathology, 2015, 28, 1470-1480.	5.5	110
20	Human Papillomavirus Drives Tumor Development Throughout the Head and Neck: Improved Prognosis Is Associated With an Immune Response Largely Restricted to the Oropharynx. Journal of Clinical Oncology, 2016, 34, 4132-4141.	1.6	105
21	Nitric Oxide Is a Factor in the Stabilization of Hypoxia-Inducible Factor-1Î± in Cancer: Role of Free Radical Formation. Cancer Research, 2006, 66, 770-774.	0.9	102
22	Betelâ€derived alkaloid upâ€regulates keratinocyte alphavbeta6 integrin expression and promotes oral submucous fibrosis. Journal of Pathology, 2011, 223, 366-377.	4.5	91
23	Tumour infiltrating lymphocytes correlate with improved survival in patients with oesophageal adenocarcinoma. Cancer Immunology, Immunotherapy, 2016, 65, 651-662.	4.2	91
24	Î±vÎ²6 Integrin Upregulates Matrix Metalloproteinase 9 and Promotes Migration of Normal Oral Keratinocytes. Journal of Investigative Dermatology, 2001, 116, 898-904.	0.7	87
25	Gene expression analysis of TIL rich HPV-driven head and neck tumors reveals a distinct B-cell signature when compared to HPV independent tumors. Oncotarget, 2016, 7, 56781-56797.	1.8	86
26	Induction of fibroblast senescence generates a non-fibrogenic myofibroblast phenotype that differentially impacts on cancer prognosis. Aging, 2016, 9, 114-132.	3.1	86
27	Upregulated Glucose Metabolism Correlates Inversely with CD8+ T-cell Infiltration and Survival in Squamous Cell Carcinoma. Cancer Research, 2016, 76, 4136-4148.	0.9	83
28	Progression of genotype-specific oral cancer leads to senescence of cancer-associated fibroblasts and is mediated by oxidative stress and TGF-Î². Carcinogenesis, 2013, 34, 1286-1295.	2.8	81
29	The Nrf2 transcription factor contributes to resistance to cisplatin in bladder cancer. Urologic Oncology: Seminars and Original Investigations, 2014, 32, 806-814.	1.6	78
30	Altered Microenvironment Promotes Progression of Preinvasive Breast Cancer: Myoepithelial Expression of Î±vÎ²6 Integrin in DCIS Identifies High-risk Patients and Predicts Recurrence. Clinical Cancer Research, 2014, 20, 344-357.	7.0	77
31	Anti-PD-1 immunotherapy leads to tuberculosis reactivation via dysregulation of TNF-Î±. ELife, 2020, 9, .	6.0	76
32	Î±vÎ²6 Integrin Promotes the Invasion of Morphoeic Basal Cell Carcinoma through Stromal Modulation. Cancer Research, 2008, 68, 3295-3303.	0.9	73
33	Tumour-infiltrating lymphocyte scores effectively stratify outcomes over and above p16 post chemo-radiotherapy in anal cancer. British Journal of Cancer, 2016, 114, 134-137.	6.4	73
34	The use of digital pathology and image analysis in clinical trials. Journal of Pathology: Clinical Research, 2019, 5, 81-90.	3.0	71
35	A miR-335/COX-2/PTEN axis regulates the secretory phenotype of senescent cancer-associated fibroblasts. Aging, 2016, 8, 1608-1635.	3.1	62
36	Cyclooxygenase-2 Inhibition Suppresses Î±vÎ²6 Integrinâ€“Dependent Oral Squamous Carcinoma Invasion. Cancer Research, 2006, 66, 10833-10842.	0.9	59

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37	In Vivo Retargeting of Adenovirus Type 5 to Î±vÎ²6 Integrin Results in Reduced Hepatotoxicity and Improved Tumor Uptake following Systemic Delivery. Journal of Virology, 2009, 83, 6416-6428.	3.4	59
38	The MAP kinase-interacting kinases regulate cell migration, vimentin expression and eIF4E/CYFIP1 binding. Biochemical Journal, 2015, 467, 63-76.	3.7	58
39	Implications of Tuberculosis Reactivation after Immune Checkpoint Inhibition. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 1451-1453.	5.6	54
40	Noninvasive ventilation for COVID-19-associated acute hypoxaemic respiratory failure: experience from a single centre. British Journal of Anaesthesia, 2020, 125, e368-e371.	3.4	51
41	The Role of Tumour Stroma in Colorectal Cancer Invasion and Metastasis. Cancers, 2011, 3, 2160-2168.	3.7	50
42	The Integrin Cytoplasmic-tail Motif EKQKVDLSTDC Is Sufficient to Promote Tumor Cell Invasion Mediated by Matrix Metalloproteinase (MMP)-2 or MMP-9. Journal of Biological Chemistry, 2004, 279, 26533-26539.	3.4	47
43	Infliximab for IPILIMUMAB-Related Colitisâ€"Letter. Clinical Cancer Research, 2015, 21, 5642-5643.	7.0	47
44	Evaluating the effect of immune cells on the outcome of patients with mesothelioma. British Journal of Cancer, 2017, 117, 1341-1348.	6.4	47
45	A miRNA-145/TGF-Î²1 negative feedback loop regulates the cancer-associated fibroblast phenotype. Carcinogenesis, 2018, 39, 798-807.	2.8	47
46	The newly-arisen Devil facial tumour disease 2 (DFT2) reveals a mechanism for the emergence of a contagious cancer. ELife, 2018, 7, .	6.0	47
47	An optimised tissue disaggregation and data processing pipeline for characterising fibroblast phenotypes using single-cell RNA sequencing. Scientific Reports, 2019, 9, 9580.	3.3	46
48	Human tissue models in cancer research: looking beyond the mouse. DMM Disease Models and Mechanisms, 2017, 10, 939-942.	2.4	45
49	Cell Migration and Invasion Assays. Methods in Molecular Biology, 2011, 731, 333-343.	0.9	43
50	Targeting Head and Neck Cancer by Vaccination. Frontiers in Immunology, 2018, 9, 830.	4.8	42
51	Association between miR-31-3p expression and cetuximab efficacy in patients with KRAS wild-type metastatic colorectal cancer: a post-hoc analysis of the New EPOC trial. Oncotarget, 2017, 8, 93856-93866.	1.8	42
52	HPV, tumour metabolism and novel target identification in head and neck squamous cell carcinoma. British Journal of Cancer, 2019, 120, 356-367.	6.4	41
53	YAP drives cutaneous squamous cell carcinoma formation and progression. ELife, 2018, 7, .	6.0	41
54	Molecular Mechanism for the Control of Eukaryotic Elongation Factor 2 Kinase by pH: Role in Cancer Cell Survival. Molecular and Cellular Biology, 2015, 35, 1805-1824.	2.3	39

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55	Squamous Cell Carcinoma Arising in a Residual Odontogenic Cyst: Case Report. Journal of Oral and Maxillofacial Surgery, 2005, 63, 1231-1233.	1.2	37
56	A comparison of primary oesophageal squamous epithelial cells with HETâ€1A in organotypic culture. Biology of the Cell, 2010, 102, 635-644.	2.0	37
57	Intermittent PI3KÎ´ inhibition sustains anti-tumour immunity and curbs irAEs. Nature, 2022, 605, 741-746.	27.8	36
58	Combined Fiber Modifications Both to Target Î±_vÎ²₆and Detarget the Coxsackievirusâ€“Adenovirus Receptor Improve Virus Toxicity ProfilesIn Vivobut Fail to Improve Antitumoral Efficacy Relative to Adenovirus Serotype 5. Human Gene Therapy, 2012, 23, 960-979.	2.7	35
59	Stratifying risk of recurrence in stage II colorectal cancer using deregulated stromal and epithelial microRNAs. Oncotarget, 2015, 6, 7262-7279.	1.8	35
60	The immune response in HPV⁺oropharyngeal cancer. OncoImmunology, 2014, 3, e27254.	4.6	32
61	Engineering a Single-Chain Fv Antibody to Î±vÎ²6 Integrin Using the Specificity-Determining Loop of a Foot-and-Mouth Disease Virus. Journal of Molecular Biology, 2008, 382, 385-401.	4.2	30
62	Attenuated type II TGF-? receptor signalling in human malignant oral keratinocytes induces a less differentiated and more aggressive phenotype that is associated with metastatic dissemination. International Journal of Cancer, 2004, 110, 170-176.	5.1	29
63	Quantitative proteomic profiling of primary cancer-associated fibroblasts in oesophageal adenocarcinoma. British Journal of Cancer, 2018, 118, 1200-1207.	6.4	29
64	Tumor-Resident Stromal Cells Promote Breast Cancer Invasion through Regulation of the Basal Phenotype. Molecular Cancer Research, 2020, 18, 1615-1622.	3.4	29
65	Importance of the immune system in head and neck cancer. Head and Neck, 2019, 41, 2789-2800.	2.0	28
66	Proâ€migratory and TGFâ€Î²â€activating functions of Î±vÎ²6 integrin in pancreatic cancer are differentially regulated via an Eps8â€dependent GTPase switch. Journal of Pathology, 2017, 243, 37-50.	4.5	27
67	Metalloproteinases ADAM10 and ADAM17 Mediate Migration and Differentiation in Glioblastoma Sphere-Forming Cells. Molecular Neurobiology, 2017, 54, 3893-3905.	4.0	27
68	Characterising cancer-associated fibroblast heterogeneity in non-small cell lung cancer: a systematic review and meta-analysis. Scientific Reports, 2021, 11, 3727.	3.3	27
69	Cancer-Associated Fibroblasts in Oral Cancer: A Current Perspective on Function and Potential for Therapeutic Targeting. Frontiers in Oral Health, 2021, 2, 686337.	3.0	27
70	The 120ÂkDa cell-binding fragment of fibronectin up-regulates migration of Î±vÎ²6-expressing cells by increasing matrix metalloproteinase-2 and -9 secretion. European Journal of Oral Sciences, 2007, 115, 454-458.	1.5	26
71	Targeting Carcinoembryonic Antigen with DNA Vaccination: On-Target Adverse Events Link with Immunologic and Clinical Outcomes. Clinical Cancer Research, 2016, 22, 4827-4836.	7.0	24
72	Assessment of Nuclear ZEB2 as a Biomarker for Colorectal Cancer Outcome and TNM Risk Stratification. JAMA Network Open, 2018, 1, e183115.	5.9	24

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73	HPV Epitope Processing Differences Correlate with ERAP1 Allotype and Extent of CD8+ T-cell Tumor Infiltration in OPSCC. Cancer Immunology Research, 2019, 7, 1202-1213.	3.4	24
74	T-cell tumour exclusion and immunotherapy resistance: a role for CAF targeting. British Journal of Cancer, 2020, 123, 1353-1355.	6.4	24
75	Endothelial-Rac1 Is Not Required for Tumor Angiogenesis unless Î±vÎ²3-Integrin Is Absent. PLoS ONE, 2010, 5, e9766.	2.5	22
76	InÂVitro Effect of Bisphosphonates on Oral Keratinocytes and Fibroblasts. Journal of Oral and Maxillofacial Surgery, 2014, 72, 503-509.	1.2	22
77	Head and Neck Squamous Cell Carcinomas Are Characterized by a Stable Immune Signature Within the Primary Tumor Over Time and Space. Clinical Cancer Research, 2017, 23, 7641-7649.	7.0	22
78	Long non-coding RNAs within the tumour microenvironment and their role in tumour-stroma cross-talk. Cancer Letters, 2018, 421, 94-102.	7.2	22
79	Quality assurance guidance for scoring and reporting for pathologists and laboratories undertaking clinical trial work. Journal of Pathology: Clinical Research, 2019, 5, 91-99.	3.0	21
80	Authentication and characterisation of a new oesophageal adenocarcinoma cell line: MFD-1. Scientific Reports, 2016, 6, 32417.	3.3	20
81	Treatment of actinic keratosis through inhibition of cyclooxygenaseâ€2: Potential mechanism of action of diclofenac sodium 3% in hyaluronic acid 2.5%. Dermatologic Therapy, 2019, 32, e12800.	1.7	20
82	Inflammatory external root resorption following surgical treatment for intra-bony defects: a report of two cases involving EmdogainR and a review of the literature. Journal of Clinical Periodontology, 2006, 33, 449-454.	4.9	19
83	Targeting cancer associated fibroblasts to enhance immunotherapy: emerging strategies and future perspectives. Oncotarget, 2021, 12, 1427-1433.	1.8	19
84	Breast cancer in patients with germline TP53 pathogenic variants have typical tumour characteristics: the Cohort study of TP53 carrier early onset breast cancer (COPE study). Journal of Pathology: Clinical Research, 2019, 5, 189-198.	3.0	18
85	The ZEB2â€dependent EMT transcriptional programme drives therapy resistance by activating nucleotide excision repair genes ERCC1 and ERCC4 in colorectal cancer. Molecular Oncology, 2021, 15, 2065-2083.	4.6	18
86	Epithelial to mesenchymal transition influences fibroblast phenotype in colorectal cancer by altering miRâ€200 levels in extracellular vesicles. Journal of Extracellular Vesicles, 2022, 11, .	12.2	18
87	Targeting cancer-associated fibroblasts: Challenges, opportunities and future directions. , 2022, 240, 108231.		18
88	Modulation of the urokinase-type plasminogen activator receptor by the Î²6 integrin subunit. Biochemical and Biophysical Research Communications, 2004, 317, 92-99.	2.1	17
89	Crowdsourcing for translational research: analysis of biomarker expression using cancer microarrays. British Journal of Cancer, 2017, 116, 237-245.	6.4	16
90	Evaluation of immune infiltration in the colonic mucosa of patients with ipilimumab-related colitis. OncoImmunology, 2016, 5, e1209615.	4.6	14

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91	Transglutaminase-2 Mediates the Biomechanical Properties of the Colorectal Cancer Tissue Microenvironment that Contribute to Disease Progression. Cancers, 2019, 11, 701.	3.7	12
92	Research Evaluation Alongside Clinical Treatment in COVID-19 (REACT COVID-19): an observational and biobanking study. BMJ Open, 2021, 11, e043012.	1.9	12
93	Targeting the tumor mutanome for personalized vaccination in a TMB low non-small cell lung cancer. , 2022, 10, e003821.		12
94	The Colorectal Cancer Microenvironment: Strategies for Studying the Role of Cancer-Associated Fibroblasts. Methods in Molecular Biology, 2018, 1765, 87-98.	0.9	11
95	GLI1 Confers Profound Phenotypic Changes upon LNCaP Prostate Cancer Cells That Include the Acquisition of a Hormone Independent State. PLoS ONE, 2011, 6, e20271.	2.5	11
96	Generation and Characterization of a Diabody Targeting the Î±vÎ²6 Integrin. PLoS ONE, 2013, 8, e73260.	2.5	11
97	Harnessing citizen science through mobile phone technology to screen for immunohistochemical biomarkers in bladder cancer. British Journal of Cancer, 2018, 119, 220-229.	6.4	10
98	Training and accreditation standards for pathologists undertaking clinical trial work. Journal of Pathology: Clinical Research, 2019, 5, 100-107.	3.0	10
99	Scatter factor regulation of integrin expression and function on oral epithelial cells. Archives of Dermatological Research, 2003, 295, 63-70.	1.9	9
100	Cyclooxygenase in Cancer Prevention and Treatments for Actinic Keratosis. Dermatology and Therapy, 2017, 7, 21-29.	3.0	8
101	Suppression of Hedgehog signalling promotes proâ€tumourigenic integrin expression and function. Journal of Pathology, 2014, 233, 196-208.	4.5	7
102	Novel association between microglia and stem cells in human gliomas: A contributor to tumour proliferation?. Journal of Pathology: Clinical Research, 2015, 1, 67-75.	3.0	6
103	Catabolism of newly synthesized decorin in vitro by human peritoneal mesothelial cells. Peritoneal Dialysis International, 2004, 24, 147-55.	2.3	6
104	Integrin Î±vÎ²6 promotes TGF-Î²1-dependent myofibroblastic transdifferentiation in oral submucous fibrosis. Head & Neck Oncology, 2009, 1, .	2.3	5
105	CTEN Induces Tumour Cell Invasion and Survival and Is Prognostic in Radiotherapy-Treated Head and Neck Cancer. Cancers, 2020, 12, 2963.	3.7	5
106	Analysis of Immune Landscape in Pancreatic and Ileal Neuroendocrine Tumours Demonstrates an Immune Cold Tumour Microenvironment. Neuroendocrinology, 2022, 112, 370-383.	2.5	5
107	Deregulated stromal microRNA-21 and promotion of metastatic progression in colorectal cancer. Lancet, The, 2014, 383, S30.	13.7	3
108	The Cellular and Molecular Pathology Biobanking Sample Quality Improvement Tool: A Guide for Improving the Quality of Tissue Collections for Biomedical Research and Clinical Trials in Cancer. Biopreservation and Biobanking, 2021, 19, 86-90.	1.0	3

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109	Correlation of HPV16 Gene Status and Gene Expression With Antibody Seropositivity and TIL Status in OPSCC. Frontiers in Oncology, 2020, 10, 591063.	2.8	3
110	Abstract B046: Therapeutic targeting of integrin Î±vÎ²6 in high-risk breast cancer. , 2013, , .		3
111	Molecular Profiling of the Invasive Tumor Microenvironment in a 3-Dimensional Model of Colorectal Cancer Cells and Ex vivo Fibroblasts. Journal of Visualized Experiments, 2014, , .	0.3	2
112	Correlation of cancer-associated fibroblasts with tumour cell invasion and chemoresistance in oesophageal adenocarcinoma. Lancet, The, 2014, 383, S108.	13.7	1
113	Role of EPS8 in integrin-dependent pancreatic cancer invasion. Lancet, The, 2014, 383, S101.	13.7	1
114	Association between density of tumor infiltrating lymphocytes and disease-free survival (DFS) in patients with resected stage I-III colorectal cancer in the FACS randomized trial.. Journal of Clinical Oncology, 2018, 36, 3573-3573.	1.6	1
115	Changes in Gene Expression Patterns in the Tumor Microenvironment of Head and Neck Squamous Cell Carcinoma Under Chemoradiotherapy Depend on Response. Frontiers in Oncology, 2022, 12, 862694.	2.8	1
116	Teaching Neuro Images : Neuroradiologic evolution of Leigh disease. Neurology, 2016, 87, e159-e160.	1.1	0
117	The clinical trial pathology advisory group (CT-PAG): Enhancing UK biomarker-led research. European Journal of Surgical Oncology, 2018, 44, S44-S45.	1.0	0
118	Intratumoural immune signature to identify patients with primary colorectal cancer who do not require follow-up after resection: an observational study. Health Technology Assessment, 2021, 25, 1-32.	2.8	0
119	An Optimized Method to Isolate Human Fibroblasts from Tissue for Ex Vivo Analysis. Bio-protocol, 2019, 9, e3440.	0.4	0
120	Tissue resident memory T cells (TRM) in primary, metastatic and recurrent head and neck squamous cell carcinoma (HNSCC) tissue. Laryngo- Rhino- Otologie, 2022, , .	0.2	0
121	GewebsansÃssige GedÃchtnis-T-Zellen (TRM) in primÃrem, metastasiertem und rezidivierendem Plattenepithelkarzinom des Kopfes und Halses (HNSCC). Laryngo- Rhino- Otologie, 2022, , .	0.2	0