

Michael Jf Hubank

List of Publications by Year in descending order

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77
papers

4,819
citations

101496
36
h-index

98753
67
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80
all docs

80
docs citations

80
times ranked

7867
citing authors

#	ARTICLE	IF	CITATIONS
1	Repurposing Vandetanib plus Everolimus for the Treatment of ACVR1-Mutant Diffuse Intrinsic Pontine Glioma. <i>Cancer Discovery</i> , 2022, 12, 416-431.	7.7	25
2	DIPG Harbors Alterations Targetable by MEK Inhibitors, with Acquired Resistance Mechanisms Overcome by Combinatorial Inhibition. <i>Cancer Discovery</i> , 2022, 12, 712-729.	7.7	15
3	Circulating tumour DNA sequencing to determine therapeutic response and identify tumour heterogeneity in patients with paediatric solid tumours. <i>European Journal of Cancer</i> , 2022, 162, 209-220.	1.3	12
4	DIPG-41. Multi-omic profiling of patient-derived subclones identifies aggressive cellular subpopulations in paediatric diffuse high-grade gliomas (PDHGGs). <i>Neuro-Oncology</i> , 2022, 24, i27-i28.	0.6	0
5	Triplet Therapy with Palbociclib, Taselisib, and Fulvestrant in PIK3CA-Mutant Breast Cancer and Doublet Palbociclib and Taselisib in Pathway-Mutant Solid Cancers. <i>Cancer Discovery</i> , 2021, 11, 92-107.	7.7	36
6	Droplet digital PCR-based detection of circulating tumor DNA from pediatric high grade and diffuse midline glioma patients. <i>Neuro-Oncology Advances</i> , 2021, 3, vdab013.	0.4	27
7	Identification of a novel genetic locus associated with immune mediated thrombotic thrombocytopenic purpura. <i>Haematologica</i> , 2021, , .	1.7	2
8	Evaluating the analytical validity of circulating tumor DNA sequencing assays for precision oncology. <i>Nature Biotechnology</i> , 2021, 39, 1115-1128.	9.4	126
9	Genomic profile of advanced breast cancer in circulating tumour DNA. <i>Nature Communications</i> , 2021, 12, 2423.	5.8	54
10	SARS-CoV-2 detection by a clinical diagnostic RT-LAMP assay. <i>Wellcome Open Research</i> , 2021, 6, 9.	0.9	13
11	Genomic Classification and Clinical Outcome in Rhabdomyosarcoma: A Report From an International Consortium. <i>Journal of Clinical Oncology</i> , 2021, 39, 2859-2871.	0.8	101
12	Response of NOTCH1-Activated Tracheal Adenoid Cystic Carcinoma to the Gamma Secretase Inhibitor Nirogacestat. <i>JCO Precision Oncology</i> , 2021, 5, 1579-1583.	1.5	1
13	Inactivating NF1 Mutations Are Enriched in Advanced Breast Cancer and Contribute to Endocrine Therapy Resistance. <i>Clinical Cancer Research</i> , 2020, 26, 608-622.	3.2	71
14	Homologous recombination DNA repair deficiency and PARP inhibition activity in primary triple negative breast cancer. <i>Nature Communications</i> , 2020, 11, 2662.	5.8	157
15	Infant High-Grade Gliomas Comprise Multiple Subgroups Characterized by Novel Targetable Gene Fusions and Favorable Outcomes. <i>Cancer Discovery</i> , 2020, 10, 942-963.	7.7	157
16	MODL-19. DIPG HARBOUR ALTERATIONS TARGETABLE BY MEK INHIBITORS, WITH ACQUIRED RESISTANCE MECHANISMS OVERCOME BY COMBINATORIAL UP- OR DOWN-STREAM INHIBITION. <i>Neuro-Oncology</i> , 2020, 22, iii414-iii414.	0.6	0
17	Targeted Next Generation Sequencing Improves Diagnosis in Unclassifiable Leukemic Indolent B-Cell Non-Hodgkin Lymphoma and Identifies a Subset with Recurrent MYD88 Mutations in a Prospective Multicentre Study. <i>Blood</i> , 2020, 136, 12-13.	0.6	0
18	EXTH-46. ARTIFICIAL INTELLIGENCE-BASED IDENTIFICATION OF COMBINED VANDETANIB AND EVEROLIMUS IN THE TREATMENT OF ACVR1-MUTANT DIFFUSE INTRINSIC PONTINE GLIOMA. <i>Neuro-Oncology</i> , 2020, 22, ii97-ii97.	0.6	0

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19	DDRE-07. DIPG HARBOUR ALTERATIONS TARGETABLE BY MEK INHIBITORS, WITH ACQUIRED RESISTANCE MECHANISMS OVERCOME BY COMBINATORIAL INHIBITION. <i>Neuro-Oncology</i> , 2020, 22, ii62-ii62.	0.6	0
20	A tailored molecular profiling programme for children with cancer to identify clinically actionable genetic alterations. <i>European Journal of Cancer</i> , 2019, 121, 224-235.	1.3	44
21	Telomere elongation through hTERT immortalization leads to chromosome repositioning in control cells and genomic instability in Hutchinson-Gilford progeria syndrome fibroblasts, expressing a novel SUN1 isoform. <i>Genes Chromosomes and Cancer</i> , 2019, 58, 341-356.	1.5	27
22	Comparison of Three Assays for Identification of IDH Mutations in AML. <i>Blood</i> , 2019, 134, 5195-5195.	0.6	0
23	Optimised ARID1A immunohistochemistry is an accurate predictor of <i>ARID1A</i> mutational status in gynaecological cancers. <i>Journal of Pathology: Clinical Research</i> , 2018, 4, 154-166.	1.3	51
24	Ultra-Sensitive Mutation Detection and Genome-Wide DNA Copy Number Reconstruction by Error-Corrected Circulating Tumor DNA Sequencing. <i>Clinical Chemistry</i> , 2018, 64, 1626-1635.	1.5	46
25	Longitudinal Liquid Biopsy and Mathematical Modeling of Clonal Evolution Forecast Time to Treatment Failure in the PROSPECT-C Phase II Colorectal Cancer Clinical Trial. <i>Cancer Discovery</i> , 2018, 8, 1270-1285.	7.7	187
26	Development of a targeted sequencing approach to identify prognostic, predictive and diagnostic markers in paediatric solid tumours. <i>Oncotarget</i> , 2017, 8, 112036-112050.	0.8	16
27	Genome-Wide Methylation Analysis of Patients with Diffuse Large B Cell Lymphoma Treated on the UK NCRI R-CHOP 14 Vs 21 Trial. <i>Blood</i> , 2016, 128, 1747-1747.	0.6	0
28	Revealing Individual Signatures of Human T Cell CDR3 Sequence Repertoires with Kidera Factors. <i>PLoS ONE</i> , 2014, 9, e86986.	1.1	9
29	The E2A-HLF oncogenic fusion protein acts through Lmo2 and Bcl-2 to immortalize hematopoietic progenitors. <i>Leukemia</i> , 2011, 25, 321-330.	3.3	36
30	Effective Transplantation of Photoreceptor Precursor Cells Selected via Cell Surface Antigen Expression. <i>Stem Cells</i> , 2011, 29, 1391-1404.	1.4	107
31	Genome-Wide Analysis of Alternative Splicing in Medulloblastoma Identifies Splicing Patterns Characteristic of Normal Cerebellar Development. <i>Cancer Research</i> , 2011, 71, 2045-2055.	0.4	21
32	ChIP-on-chip analysis reveals angiotensin 2 (Ang2, ANGPT2) as a novel target of steroidogenic factor-1 (SF-1, NR5A1) in the human adrenal gland. <i>FASEB Journal</i> , 2011, 25, 1166-1175.	0.2	27
33	Sterol O-Acyltransferase 1 (SOAT1, ACAT) Is a Novel Target of Steroidogenic Factor-1 (SF-1, NR5A1). <i>Trends in Biochemical Sciences</i> , 2011, 36, 116-117.	1.8	45
34	Generation of novel pharmacogenomic candidates in response to methotrexate in juvenile idiopathic arthritis: correlation between gene expression and genotype. <i>Pharmacogenetics and Genomics</i> , 2010, 20, 665-676.	0.7	49
35	Biologic predictors of extension of oligoarticular juvenile idiopathic arthritis as determined from synovial fluid cellular composition and gene expression. <i>Arthritis and Rheumatism</i> , 2010, 62, 896-907.	6.7	71
36	Tnfrsf8 is an essential gene for the regulation of glucocorticoid-mediated apoptosis of thymocytes. <i>Cell Death and Differentiation</i> , 2010, 17, 316-323.	5.0	49

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37	Subtype-Specific <i>FBXW7</i> Mutation and <i>MYCN</i> Copy Number Gain in Wilms' Tumor. <i>Clinical Cancer Research</i> , 2010, 16, 2036-2045.	3.2	69
38	New targets of urocortin-mediated cardioprotection. <i>Journal of Molecular Endocrinology</i> , 2010, 45, 69-85.	1.1	36
39	<i>Prox1</i> maintains muscle structure and growth in the developing heart. <i>Development (Cambridge)</i> , 2009, 136, 495-505.	1.2	112
40	Dissection of a complex transcriptional response using genome-wide transcriptional modelling. <i>Molecular Systems Biology</i> , 2009, 5, 327.	3.2	22
41	rHVDM: an R package to predict the activity and targets of a transcription factor. <i>Bioinformatics</i> , 2009, 25, 419-420.	1.8	8
42	Cardiovascular GO Annotation Initiative Year 1 Report: Why Cardiovascular GO?. <i>Proteomics</i> , 2008, 8, 1950-1953.	1.3	15
43	Isolation and functional assessment of common, polymorphic variants of the B-MYB proto-oncogene associated with a reduced cancer risk. <i>Oncogene</i> , 2008, 27, 2929-2933.	2.6	12
44	Microarray analysis of mitogenic effects of T3 on the rat liver. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2008, 23, 1926-1933.	1.4	12
45	Transcriptional changes in trichothiodystrophy cells. <i>DNA Repair</i> , 2008, 7, 1364-1371.	1.3	8
46	Fitting ordinary differential equations to short time course data. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2008, 366, 519-544.	1.6	47
47	Insertional mutagenesis combined with acquired somatic mutations causes leukemogenesis following gene therapy of SCID-X1 patients. <i>Journal of Clinical Investigation</i> , 2008, 118, 3143-3150.	3.9	1,069
48	Down-regulation of the dopamine receptor D2 in mice lacking ataxin 1. <i>Human Molecular Genetics</i> , 2007, 16, 2122-2134.	1.4	61
49	Microarray interrogation of human metanephric mesenchymal cells highlights potentially important molecules in vivo. <i>Physiological Genomics</i> , 2007, 28, 193-202.	1.0	24
50	Specific gene expression profiles in systemic juvenile idiopathic arthritis. <i>Arthritis and Rheumatism</i> , 2007, 56, 1954-1965.	6.7	135
51	Hypomethylation of WNT5A, CRIP1 and S100P in prostate cancer. <i>Oncogene</i> , 2007, 26, 6560-6565.	2.6	132
52	rHVDM "a fast and user-friendly R package to predict transcription factor targets from microarray time series data. <i>BMC Systems Biology</i> , 2007, 1, .	3.0	4
53	Differential gene expression in the hippocampus of the <i>Df1/+</i> mice: A model for 22q11.2 deletion syndrome and schizophrenia. <i>Brain Research</i> , 2007, 1139, 48-59.	1.1	33
54	Ranked prediction of p53 targets using hidden variable dynamic modeling. <i>Genome Biology</i> , 2006, 7, R25.	13.9	102

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55	Correction of scaling mismatches in oligonucleotide microarray data. <i>BMC Bioinformatics</i> , 2006, 7, 251.	1.2	7
56	Radiation-induced delayed cell death in a hypomorphic Artemis cell line. <i>Human Molecular Genetics</i> , 2006, 15, 1303-1311.	1.4	35
57	A novel CDK inhibitor, CYC202 (R-roscovitine), overcomes the defect in p53-dependent apoptosis in B-CLL by down-regulation of genes involved in transcription regulation and survival. <i>Blood</i> , 2005, 105, 4484-4491.	0.6	129
58	Prospective gene expression analysis accurately subtypes acute leukaemia in children and establishes a commonality between hyperdiploidy and t(12;21) in acute lymphoblastic leukaemia. <i>British Journal of Haematology</i> , 2005, 130, 26-35.	1.2	39
59	Microarray analysis of the Df1 mouse model of the 22q11 deletion syndrome. <i>Human Genetics</i> , 2005, 116, 486-496.	1.8	27
60	Maternal diet programs embryonic kidney gene expression. <i>Physiological Genomics</i> , 2005, 22, 48-56.	1.0	90
61	Effects of ADMA upon Gene Expression: An Insight into the Pathophysiological Significance of Raised Plasma ADMA. <i>PLoS Medicine</i> , 2005, 2, e264.	3.9	52
62	STAT-1 facilitates the ATM activated checkpoint pathway following DNA damage. <i>Journal of Cell Science</i> , 2005, 118, 1629-1639.	1.2	54
63	Cardioprotection mediated by urocortin is dependent upon PKC μ activation. <i>FASEB Journal</i> , 2005, 19, 1-18.	0.2	44
64	Robustness of the p53 network and biological hackers. <i>FEBS Letters</i> , 2005, 579, 3037-3042.	1.3	38
65	Sperm-Induced Modification of the Oviductal Gene Expression Profile After Natural Insemination in Mice1. <i>Biology of Reproduction</i> , 2004, 71, 60-65.	1.2	147
66	Gene expression profiling and its application in studies of haematological malignancy. <i>British Journal of Haematology</i> , 2004, 124, 577-594.	1.2	17
67	E4BP4 expression is regulated by the t(17;19)-associated oncoprotein E2A-HLF in pro-B cells. <i>British Journal of Haematology</i> , 2004, 125, 560-567.	1.2	9
68	The cardioprotective effect of urocortin during ischaemia/reperfusion involves the prevention of mitochondrial damage. <i>Biochemical and Biophysical Research Communications</i> , 2004, 321, 479-486.	1.0	26
69	Microarray analysis reveals that TP53- and ATM-mutant B-CLLs share a defect in activating proapoptotic responses after DNA damage but are distinguished by major differences in activating prosurvival responses. <i>Blood</i> , 2004, 103, 291-300.	0.6	94
70	From the top down: towards a predictive biology of signalling networks. <i>Trends in Biotechnology</i> , 2003, 21, 290-293.	4.9	58
71	Urocortin protects cardiac myocytes from ischemia/reperfusion injury by attenuating calcium insensitive phospholipase A 2 gene expression. <i>FASEB Journal</i> , 2003, 17, 2313-2315.	0.2	49
72	Discovery of genes with highly restricted expression patterns in the <i>Drosophila</i> wing disc using DNA oligonucleotide microarrays. <i>Development (Cambridge)</i> , 2003, 130, 659-670.	1.2	98

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73	K ATP Channel Gene Expression Is Induced by Urocortin and Mediates Its Cardioprotective Effect. <i>Circulation</i> , 2002, 106, 1556-1562.	1.6	66
74	Analysis of Gene Transcription in Cells Lacking DNA-PK Activity. <i>Radiation Research</i> , 2001, 156, 167-176.	0.7	13
75	[19] cDNA representational difference analysis: A sensitive and flexible method for identification of differentially expressed genes. <i>Methods in Enzymology</i> , 1999, 303, 325-349.	0.4	102
76	DNA-dependent protein kinase is not required for the p53-dependent response to DNA damage. <i>Nature</i> , 1999, 400, 81-83.	13.7	132
77	Expression of the excision repair gene, ERCC3 (excision repair cross-complementing), during mouse development. <i>Developmental Brain Research</i> , 1994, 81, 66-76.	2.1	8