

Gavin P Kelly

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

7,518
citations

61984

43
h-index

85541

71
g-index

76
all docs

76
docs citations

76
times ranked

14184
citing authors

#	ARTICLE	IF	CITATIONS
1	Cohesin relocation from sites of chromosomal loading to places of convergent transcription. <i>Nature</i> , 2004, 430, 573-578.	27.8	544
2	Neutralising antibody activity against SARS-CoV-2 VOCs B.1.617.2 and B.1.351 by BNT162b2 vaccination. <i>Lancet, The</i> , 2021, 397, 2331-2333.	13.7	490
3	Regulators of Mitotic Arrest and Ceramide Metabolism Are Determinants of Sensitivity to Paclitaxel and Other Chemotherapeutic Drugs. <i>Cancer Cell</i> , 2007, 11, 498-512.	16.8	351
4	Deficits in axonal transport precede ALS symptoms in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 20523-20528.	7.1	351
5	Hematopoietic stem cells express multiple myeloid markers: implications for the origin and targeted therapy of acute myeloid leukemia. <i>Blood</i> , 2005, 106, 4086-4092.	1.4	319
6	Identification of cis-acting sites for condensin loading onto budding yeast chromosomes. <i>Genes and Development</i> , 2008, 22, 2215-2227.	5.9	302
7	The Intestine Harbors Functionally Distinct Homeostatic Tissue-Resident and Inflammatory Th17 Cells. <i>Immunity</i> , 2019, 51, 77-89.e6.	14.3	220
8	Follicular lymphoma cells induce T-cell immunologic synapse dysfunction that can be repaired with lenalidomide: implications for the tumor microenvironment and immunotherapy. <i>Blood</i> , 2009, 114, 4713-4720.	1.4	215
9	Combined Functional Genomic and Proteomic Approaches Identify a PP2A Complex as a Negative Regulator of Hippo Signaling. <i>Molecular Cell</i> , 2010, 39, 521-534.	9.7	212
10	FANCI Is a Structure-specific DNA Helicase Associated with the Maintenance of Genomic G/C Tracts. <i>Journal of Biological Chemistry</i> , 2008, 283, 36132-36139.	3.4	207
11	Pandemic peak SARS-CoV-2 infection and seroconversion rates in London frontline health-care workers. <i>Lancet, The</i> , 2020, 396, e6-e7.	13.7	196
12	Influenza-induced monocyte-derived alveolar macrophages confer prolonged antibacterial protection. <i>Nature Immunology</i> , 2020, 21, 145-157.	14.5	193
13	Functional Metabolic Screen Identifies 6-Phosphofructo-2-Kinase/Fructose-2,6-Biphosphatase 4 as an Important Regulator of Prostate Cancer Cell Survival. <i>Cancer Discovery</i> , 2012, 2, 328-343.	9.4	174
14	Imaging macrophage chemotaxis in vivo: Studies of microtubule function in zebrafish wound inflammation. <i>Cytoskeleton</i> , 2006, 63, 415-422.	4.4	171
15	RECQL5 Controls Transcript Elongation and Suppresses Genome Instability Associated with Transcription Stress. <i>Cell</i> , 2014, 157, 1037-1049.	28.9	162
16	Multiomic Analysis of the UV-Induced DNA Damage Response. <i>Cell Reports</i> , 2016, 15, 1597-1610.	6.4	162
17	UV Irradiation Induces a Non-coding RNA that Functionally Opposes the Protein Encoded by the Same Gene. <i>Cell</i> , 2017, 168, 843-855.e13.	28.9	157
18	Determination of synthetic lethal interactions in KRAS oncogene-dependent cancer cells reveals novel therapeutic targeting strategies. <i>Cell Research</i> , 2012, 22, 1227-1245.	12.0	155

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19	miR-153 Supports Colorectal Cancer Progression via Pleiotropic Effects That Enhance Invasion and Chemotherapeutic Resistance. <i>Cancer Research</i> , 2013, 73, 6435-6447.	0.9	132
20	Expression of HIF-1 α , HIF-2 α (EPAS1), and Their Target Genes in Paraganglioma and Pheochromocytoma with VHL and SDH Mutations. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 4593-4598.	3.6	131
21	Adaptive immunity and neutralizing antibodies against SARS-CoV-2 variants of concern following vaccination in patients with cancer: the CAPTURE study. <i>Nature Cancer</i> , 2021, 2, 1305-1320.	13.2	123
22	Regulation of the RNAPII Pool Is Integral to the DNA Damage Response. <i>Cell</i> , 2020, 180, 1245-1261.e21.	28.9	116
23	Budding Yeast Wapl Controls Sister Chromatid Cohesion Maintenance and Chromosome Condensation. <i>Current Biology</i> , 2013, 23, 64-69.	3.9	114
24	The Scc2-Scc4 complex acts in sister chromatid cohesion and transcriptional regulation by maintaining nucleosome-free regions. <i>Nature Genetics</i> , 2014, 46, 1147-1151.	21.4	114
25	Increased angiogenic sprouting in poor prognosis FL is associated with elevated numbers of CD163+ macrophages within the immediate sprouting microenvironment. <i>Blood</i> , 2010, 115, 5053-5056.	1.4	113
26	Mutation of cancer driver <i>MLL2</i> results in transcription stress and genome instability. <i>Genes and Development</i> , 2016, 30, 408-420.	5.9	112
27	AZD1222-induced neutralising antibody activity against SARS-CoV-2 Delta VOC. <i>Lancet, The</i> , 2021, 398, 207-209.	13.7	112
28	Mechanistic Interpretation of Promoter-Proximal Peaks and RNAPII Density Maps. <i>Cell</i> , 2013, 154, 713-715.	28.9	109
29	Estimating the effectiveness of routine asymptomatic PCR testing at different frequencies for the detection of SARS-CoV-2 infections. <i>BMC Medicine</i> , 2021, 19, 106.	5.5	105
30	Genome-wide RNA interference analysis of renal carcinoma survival regulators identifies MCT4 as a Warburg effect metabolic target. <i>Journal of Pathology</i> , 2012, 227, 146-156.	4.5	92
31	Disease severity and genetic pathways in attenuated familial adenomatous polyposis vary greatly but depend on the site of the germline mutation. <i>Gut</i> , 2006, 55, 1440-1448.	12.1	87
32	Three-dose vaccination elicits neutralising antibodies against omicron. <i>Lancet, The</i> , 2022, 399, 715-717.	13.7	82
33	CDK13 cooperates with CDK12 to control global RNA polymerase II processivity. <i>Science Advances</i> , 2020, 6, .	10.3	79
34	Dysregulation of gene expression as a cause of Cockayne syndrome neurological disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 14454-14459.	7.1	78
35	Neutralising antibodies after COVID-19 vaccination in UK haemodialysis patients. <i>Lancet, The</i> , 2021, 398, 1038-1041.	13.7	73
36	Condensin-Dependent rDNA Decatenation Introduces a Temporal Pattern to Chromosome Segregation. <i>Current Biology</i> , 2008, 18, 1084-1089.	3.9	65

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37	Array-based DNA methylation profiling in follicular lymphoma. <i>Leukemia</i> , 2009, 23, 1858-1866.	7.2	65
38	<i>RAF</i> gene fusion breakpoints in pediatric brain tumors are characterized by significant enrichment of sequence microhomology. <i>Genome Research</i> , 2011, 21, 505-514.	5.5	61
39	Extreme chromosomal instability forecasts improved outcome in ER-negative breast cancer: a prospective validation cohort study from the TACT trial. <i>Annals of Oncology</i> , 2015, 26, 1340-1346.	1.2	61
40	Omicron neutralising antibodies after third COVID-19 vaccine dose in patients with cancer. <i>Lancet, The</i> , 2022, 399, 905-907.	13.7	60
41	A CRISPR platform for targeted in vivo screens identifies <i>Toxoplasma gondii</i> virulence factors in mice. <i>Nature Communications</i> , 2019, 10, 3963.	12.8	56
42	Efficient Genotyping of KRAS Mutant Non-Small Cell Lung Cancer Using a Multiplexed Droplet Digital PCR Approach. <i>PLoS ONE</i> , 2015, 10, e0139074.	2.5	50
43	Immune responses following third COVID-19 vaccination are reduced in patients with hematological malignancies compared to patients with solid cancer. <i>Cancer Cell</i> , 2022, 40, 114-116.	16.8	50
44	Mitochondrial deficits and abnormal mitochondrial retrograde axonal transport play a role in the pathogenesis of mutant Hsp27-induced Charcot Marie Tooth Disease. <i>Human Molecular Genetics</i> , 2017, 26, 3313-3326.	2.9	43
45	ERK-Induced Activation of TCF Family of SRF Cofactors Initiates a Chromatin Modification Cascade Associated with Transcription. <i>Molecular Cell</i> , 2017, 65, 1081-1095.e5.	9.7	43
46	Genes Involved in Differentiation, Stem Cell Renewal, and Tumorigenesis Are Modulated in Telomerase-Immortalized Human Urothelial Cells. <i>Molecular Cancer Research</i> , 2008, 6, 1154-1168.	3.4	42
47	Single Nucleotide Polymorphism Array Analysis Defines a Specific Genetic Fingerprint for Well-Differentiated Cutaneous SCCs. <i>Journal of Investigative Dermatology</i> , 2009, 129, 1562-1568.	0.7	40
48	Cdc14 and PP2A Phosphatases Cooperate to Shape Phosphoproteome Dynamics during Mitotic Exit. <i>Cell Reports</i> , 2019, 29, 2105-2119.e4.	6.4	40
49	A global insight into a cancer transcriptional space using pancreatic data: importance, findings and flaws. <i>Nucleic Acids Research</i> , 2011, 39, 7900-7907.	14.5	38
50	A regulatory circuit of two lncRNAs and a master regulator directs cell fate in yeast. <i>Nature Communications</i> , 2018, 9, 780.	12.8	38
51	Identification of genetic alterations in pancreatic cancer by the combined use of tissue microdissection and array-based comparative genomic hybridisation. <i>British Journal of Cancer</i> , 2007, 96, 373-382.	6.4	37
52	Characterisation of tumour microenvironment remodelling following oncogene inhibition in preclinical studies with imaging mass cytometry. <i>Nature Communications</i> , 2021, 12, 5906.	12.8	36
53	Omicron neutralising antibodies after COVID-19 vaccination in haemodialysis patients. <i>Lancet, The</i> , 2022, 399, 800-802.	13.7	35
54	Tumour-suppression function of KLF12 through regulation of anoikis. <i>Oncogene</i> , 2016, 35, 3324-3334.	5.9	32

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55	Heat shock induces premature transcript termination and reconfigures the human transcriptome. <i>Molecular Cell</i> , 2022, 82, 1573-1588.e10.	9.7	27
56	Cell-intrinsic Aryl Hydrocarbon Receptor signalling is required for the resolution of injury-induced colonic stem cells. <i>Nature Communications</i> , 2022, 13, 1827.	12.8	25
57	Characterisation of the <i>Toxoplasma gondii</i> tyrosine transporter and its phosphorylation by the calcium-dependent protein kinase 3. <i>Molecular Microbiology</i> , 2019, 111, 1167-1181.	2.5	22
58	JunD, not c-Jun, is the AP-1 transcription factor required for Ras-induced lung cancer. <i>JCI Insight</i> , 2021, 6, .	5.0	22
59	Site recognition and substrate screens for PKN family proteins. <i>Biochemical Journal</i> , 2011, 438, 535-543.	3.7	20
60	Alteration of Cell-Cell and Cell-Matrix Adhesion in Urothelial Cells: An Oncogenic Mechanism for Mutant FGFR3. <i>Molecular Cancer Research</i> , 2015, 13, 138-148.	3.4	18
61	Inactivation of the ATMIN/ATM pathway protects against glioblastoma formation. <i>ELife</i> , 2016, 5, .	6.0	17
62	Tissue-specific shaping of the TCR repertoire and antigen specificity of iNKT cells. <i>ELife</i> , 2019, 8, .	6.0	16
63	Reactive astrocytes in ALS display diminished intron retention. <i>Nucleic Acids Research</i> , 2021, 49, 3168-3184.	14.5	15
64	Initiation of High Frequency Multi-Drug Resistance Following Kinase Targeting by siRNAs. <i>Cell Cycle</i> , 2007, 6, 2001-2004.	2.6	14
65	A 39-Amino-Acid C-Terminal Truncation of GDV1 Disrupts Sexual Commitment in <i>Plasmodium falciparum</i> . <i>MSphere</i> , 2021, 6, .	2.9	14
66	Gene expression profile of quinacrine-cured prion-infected mouse neuronal cells. <i>Journal of Neurochemistry</i> , 2008, 105, 239-250.	3.9	12
67	Clinical outcomes of COVID-19 in long-term care facilities for people with epilepsy. <i>Epilepsy and Behavior</i> , 2021, 115, 107602.	1.7	11
68	The migratory pathways of the cells that form the endocardium, dorsal aortae, and head vasculature in the mouse embryo. <i>BMC Developmental Biology</i> , 2021, 21, 8.	2.1	6
69	Regulation of the localisation and function of the oncogene LYRIC/AEG1 by ubiquitination at K486 and K491. <i>Molecular Oncology</i> , 2014, 8, 633-641.	4.6	5
70	Antiretroviral Treatment-Induced Decrease in Immune Activation Contributes to Reduced Susceptibility to Tuberculosis in HIV-1/Mtb Co-infected Persons. <i>Frontiers in Immunology</i> , 2021, 12, 645446.	4.8	5
71	A role for condensin in mediating transcriptional adaptation to environmental stimuli. <i>Life Science Alliance</i> , 2021, 4, e202000961.	2.8	3
72	220 PFKFB4 is Essential for Prostate Cancer Cell Survival by Maintaining the Balance Between the Use of Glucose for Energy Generation and the Synthesis of Anti-oxidants. <i>European Journal of Cancer</i> , 2012, 48, S53-S54.	2.8	0