

Alvina G Lai

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

1,928
citations

394286

19
h-index

302012

39
g-index

75
all docs

75
docs citations

75
times ranked

3249
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>CIRCADIAN CLOCK-ASSOCIATED 1</i> regulates ROS homeostasis and oxidative stress responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 17129-17134.	3.3	336
2	Estimated impact of the COVID-19 pandemic on cancer services and excess 1-year mortality in people with cancer and multimorbidity: near real-time data on cancer care, cancer deaths and a population-based cohort study. <i>BMJ Open</i> , 2020, 10, e043828.	0.8	233
3	The genome of the crustacean <i>Parhyale hawaiiensis</i> , a model for animal development, regeneration, immunity and lignocellulose digestion. <i>ELife</i> , 2016, 5, .	2.8	130
4	Linked electronic health records for research on a nationwide cohort of more than 54 million people in England: data resource. <i>BMJ</i> , The, 2021, 373, n826.	3.0	98
5	Excess deaths in people with cardiovascular diseases during the COVID-19 pandemic. <i>European Journal of Preventive Cardiology</i> , 2021, 28, 1599-1609.	0.8	93
6	The circadian clock components <i>BMAL1</i> and <i>REV-ERBβ</i> regulate flavivirus replication. <i>Nature Communications</i> , 2019, 10, 377.	5.8	71
7	EvoRegen in animals: Time to uncover deep conservation or convergence of adult stem cell evolution and regenerative processes. <i>Developmental Biology</i> , 2018, 433, 118-131.	0.9	66
8	Interplay between circadian clock and viral infection. <i>Journal of Molecular Medicine</i> , 2017, 95, 1283-1289.	1.7	49
9	A novel signature derived from immunoregulatory and hypoxia genes predicts prognosis in liver and five other cancers. <i>Journal of Translational Medicine</i> , 2019, 17, 14.	1.8	44
10	The pan-cancer mutational landscape of the <i>PPAR</i> pathway reveals universal patterns of dysregulated metabolism and interactions with tumor immunity and hypoxia. <i>Annals of the New York Academy of Sciences</i> , 2019, 1448, 65-82.	1.8	44
11	Dual prognostic role of α -oxoglutarate-dependent oxygenases in ten cancer types: implications for cell cycle regulation and cell adhesion maintenance. <i>Cancer Communications</i> , 2019, 39, 1-14.	3.7	44
12	Timing gone awry: distinct tumour suppressive and oncogenic roles of the circadian clock and crosstalk with hypoxia signalling in diverse malignancies. <i>Journal of Translational Medicine</i> , 2019, 17, 132.	1.8	38
13	Comparative genomic analysis of innate immunity reveals novel and conserved components in crustacean food crop species. <i>BMC Genomics</i> , 2017, 18, 389.	1.2	37
14	Identifying adults at high-risk for change in weight and BMI in England: a longitudinal, large-scale, population-based cohort study using electronic health records. <i>Lancet Diabetes and Endocrinology</i> , 2021, 9, 681-694.	5.5	37
15	Aberrations in Notch-Hedgehog signalling reveal cancer stem cells harbouring conserved oncogenic properties associated with hypoxia and immunoevasion. <i>British Journal of Cancer</i> , 2019, 121, 666-678.	2.9	34
16	Obesity during the COVID-19 pandemic: both cause of high risk and potential effect of lockdown? A population-based electronic health record study. <i>Public Health</i> , 2021, 191, 41-47.	1.4	33
17	Epigenetic analyses of planarian stem cells demonstrate conservation of bivalent histone modifications in animal stem cells. <i>Genome Research</i> , 2018, 28, 1543-1554.	2.4	32
18	The hypoxic tumour microenvironment: A safe haven for immunosuppressive cells and a therapeutic barrier to overcome. <i>Cancer Letters</i> , 2020, 487, 34-44.	3.2	32

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19	Conservation of epigenetic regulation by the MLL3/4 tumour suppressor in planarian pluripotent stem cells. <i>Nature Communications</i> , 2018, 9, 3633.	5.8	29
20	Cumulative burden of psychiatric disorders and self-harm across 26 adult cancers. <i>Nature Medicine</i> , 2022, 28, 860-870.	15.2	24
21	The protein subunit of telomerase displays patterns of dynamic evolution and conservation across different metazoan taxa. <i>BMC Evolutionary Biology</i> , 2017, 17, 107.	3.2	22
22	Transcriptional landscape of DNA repair genes underpins a pan-cancer prognostic signature associated with cell cycle dysregulation and tumor hypoxia. <i>DNA Repair</i> , 2019, 78, 142-153.	1.3	19
23	Weight Change and the Onset of Cardiovascular Diseases: Emulating Trials Using Electronic Health Records. <i>Epidemiology</i> , 2021, 32, 744-755.	1.2	19
24	Estimating the Effect of Reduced Attendance at Emergency Departments for Suspected Cardiac Conditions on Cardiac Mortality During the COVID-19 Pandemic. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2021, 14, e007085.	0.9	18
25	A dual role for SAMHD1 in regulating HBV cccDNA and RT-dependent particle genesis. <i>Life Science Alliance</i> , 2019, 2, e201900355.	1.3	18
26	Late effects of cancer in children, teenagers and young adults: Population-based study on the burden of 183 conditions, in-patient and critical care admissions and years of life lost. <i>Lancet Regional Health - Europe</i> , The, 2022, 12, 100248.	3.0	17
27	An immunoevasive strategy through clinically-relevant pan-cancer genomic and transcriptomic alterations of JAK-STAT signaling components. <i>Molecular Medicine</i> , 2019, 25, 46.	1.9	14
28	The abrogation of condensin function provides independent evidence for defining the self-renewing population of pluripotent stem cells. <i>Developmental Biology</i> , 2018, 433, 218-226.	0.9	13
29	Predicting the risk of cancer in adults using supervised machine learning: a scoping review. <i>BMJ Open</i> , 2021, 11, e047755.	0.8	13
30	An integrative pan-cancer investigation reveals common genetic and transcriptional alterations of AMPK pathway genes as important predictors of clinical outcomes across major cancer types. <i>BMC Cancer</i> , 2020, 20, 773.	1.1	12
31	Increased burden of cardiovascular disease in people with liver disease: unequal geographical variations, risk factors and excess years of life lost. <i>Journal of Translational Medicine</i> , 2022, 20, 2.	1.8	12
32	Hypothesis: Plant stem cells hold the key to extreme longevity. <i>Translational Medicine of Aging</i> , 2019, 3, 14-16.	0.6	10
33	Pan-cancer genomic amplifications underlie a WNT hyperactivation phenotype associated with stem cell-like features leading to poor prognosis. <i>Translational Research</i> , 2019, 208, 47-62.	2.2	9
34	Daytime variation in hepatitis C virus replication kinetics following liver transplant. <i>Wellcome Open Research</i> , 2018, 3, 96.	0.9	9
35	Mixed evolutionary origins of endogenous biomass-depolymerizing enzymes in animals. <i>BMC Genomics</i> , 2018, 19, 483.	1.2	8
36	Antithrombotic therapy in patients with liver disease: population-based insights on variations in prescribing trends, adherence, persistence and impact on stroke and bleeding. <i>Lancet Regional Health - Europe</i> , The, 2021, 10, 100222.	3.0	8

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37	An informatics consult approach for generating clinical evidence for treatment decisions. BMC Medical Informatics and Decision Making, 2021, 21, 281.	1.5	8
38	Comparative genomic analysis of crustacean hyperglycemic hormone (CHH) neuropeptide genes across diverse crustacean species. F1000Research, 2018, 7, 100.	0.8	7
39	Positional Information Resolves Structural Variations and Uncovers an Evolutionarily Divergent Genetic Locus in Accessions of Arabidopsis thaliana. Genome Biology and Evolution, 2011, 3, 627-640.	1.1	6
40	Could ROS signals drive tissue-specific clocks?. Transcription, 2013, 4, 206-208.	1.7	6
41	Glucose and glutamine availability regulate HepG2 transcriptional responses to low oxygen. Wellcome Open Research, 2018, 3, 126.	0.9	6
42	Genome-wide analyses of the bHLH superfamily in crustaceans: reappraisal of higher-order groupings and evidence for lineage-specific duplications. Royal Society Open Science, 2018, 5, 172433.	1.1	5
43	Daytime variation in hepatitis C virus replication kinetics following liver transplant. Wellcome Open Research, 2018, 3, 96.	0.9	5
44	“What is the risk to me from COVID-19?”: Public involvement in providing mortality risk information for people with “high-risk” conditions for COVID-19 (OurRisk.CoV). Clinical Medicine, 2021, 21, e620-e628.	0.8	5
45	Multimorbidity patterns and risk of hospitalisation in children: A population cohort study of 3.6 million children in England, with illustrative examples from childhood cancer survivors. Lancet Regional Health - Europe, The, 2022, 20, 100433.	3.0	5
46	Could personalised risk prediction for type 2 diabetes using polygenic risk scores direct prevention, enhance diagnostics, or improve treatment?. Wellcome Open Research, 0, 5, 206.	0.9	4
47	Autism and mental illness in children and young people require standardised approaches for assessment and treatment. Lancet Regional Health - Europe, The, 2022, 16, 100360.	3.0	3
48	There is no health without mental health: Challenges ignored and lessons learned. Clinical and Translational Medicine, 2022, 12, .	1.7	3
49	A TALE of shrimps: Genome-wide survey of homeobox genes in 120 species from diverse crustacean taxa. F1000Research, 2018, 7, 71.	0.8	2
50	The Authors Respond. Epidemiology, 2022, 33, e4-e5.	1.2	1
51	Broaden your scientific audience with video animation. Nature, 2022, , .	13.7	1
52	Application of ensemble clustering and survival tree analysis for identifying prognostic clinicogenomic features in patients with colorectal cancer from the 100,000 Genomes Project. BMC Research Notes, 2021, 14, 385.	0.6	0
53	Using National Electronic Health Records for Pandemic Preparedness: Validation of a Parsimonious Model for Predicting Excess Deaths Among Those With COVID-19. SSRN Electronic Journal, 0, , .	0.4	0