

Justin J-L Wong

List of Publications by Year in descending order

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48
papers

3,538
citations

185998

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48
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56
docs citations

56
times ranked

6264
citing authors

#	ARTICLE	IF	CITATIONS
1	Orchestrated Intron Retention Regulates Normal Granulocyte Differentiation. <i>Cell</i> , 2013, 154, 583-595.	13.5	408
2	Inheritance of a Cancer-Associated MLH1 Germ-Line Epimutation. <i>New England Journal of Medicine</i> , 2007, 356, 697-705.	13.9	380
3	Targeting ASCT2-mediated glutamine uptake blocks prostate cancer growth and tumour development. <i>Journal of Pathology</i> , 2015, 236, 278-289.	2.1	275
4	Genetic alterations of m6A regulators predict poorer survival in acute myeloid leukemia. <i>Journal of Hematology and Oncology</i> , 2017, 10, 39.	6.9	215
5	IRFinder: assessing the impact of intron retention on mammalian gene expression. <i>Genome Biology</i> , 2017, 18, 51.	3.8	203
6	Intron retention in mRNA: No longer nonsense. <i>BioEssays</i> , 2016, 38, 41-49.	1.2	163
7	Dominantly Inherited Constitutional Epigenetic Silencing of MLH1 in a Cancer-Affected Family Is Linked to a Single Nucleotide Variant within the 5'UTR. <i>Cancer Cell</i> , 2011, 20, 200-213.	7.7	158
8	Colorectal cancer: a model for epigenetic tumorigenesis. <i>Gut</i> , 2007, 56, 140-148.	6.1	146
9	Nuclear-localized tiny RNAs are associated with transcription initiation and splice sites in metazoans. <i>Nature Structural and Molecular Biology</i> , 2010, 17, 1030-1034.	3.6	146
10	A dynamic intron retention program in the mammalian megakaryocyte and erythrocyte lineages. <i>Blood</i> , 2016, 127, e24-e34.	0.6	94
11	Intron retention is regulated by altered MeCP2-mediated splicing factor recruitment. <i>Nature Communications</i> , 2017, 8, 15134.	5.8	92
12	The changing paradigm of intron retention: regulation, ramifications and recipes. <i>Nucleic Acids Research</i> , 2019, 47, 11497-11513.	6.5	90
13	An Atypical Parvovirus Drives Chronic Tubulointerstitial Nephropathy and Kidney Fibrosis. <i>Cell</i> , 2018, 175, 530-543.e24.	13.5	89
14	Aberrant expression of enzymes regulating m ⁶ A mRNA methylation: implication in cancer. <i>Cancer Biology and Medicine</i> , 2018, 15, 323.	1.4	86
15	Intron retention enhances gene regulatory complexity in vertebrates. <i>Genome Biology</i> , 2017, 18, 216.	3.8	79
16	The Activity-Induced Long Non-Coding RNA Meg3 Modulates AMPA Receptor Surface Expression in Primary Cortical Neurons. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 124.	1.8	65
17	MGMT methylation is associated primarily with the germline C>T SNP (rs16906252) in colorectal cancer and normal colonic mucosa. <i>Modern Pathology</i> , 2009, 22, 1588-1599.	2.9	64
18	Current trends of HIV recombination worldwide. <i>Gastroenterology Insights</i> , 2013, 5, 4.	0.7	55

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19	Small RNA changes en route to distinct cellular states of induced pluripotency. <i>Nature Communications</i> , 2014, 5, 5522.	5.8	54
20	Challenges in defining the role of intron retention in normal biology and disease. <i>Seminars in Cell and Developmental Biology</i> , 2018, 75, 40-49.	2.3	51
21	RBM3 regulates temperature sensitive miR-142â€“5p and miR-143 (thermomiRs), which target immune genes and control fever. <i>Nucleic Acids Research</i> , 2016, 44, 2888-2897.	6.5	50
22	The multifaceted effects of YTHDC1-mediated nuclear m6A recognition. <i>Trends in Genetics</i> , 2022, 38, 325-332.	2.9	46
23	Macrophage development and activation involve coordinated intron retention in key inflammatory regulators. <i>Nucleic Acids Research</i> , 2020, 48, 6513-6529.	6.5	45
24	Functional role of Tet-mediated RNA hydroxymethylcytosine in mouse ES cells and during differentiation. <i>Nature Communications</i> , 2020, 11, 4956.	5.8	44
25	Methylation of the 3p22 region encompassing MLH1 is representative of the CpG island methylator phenotype in colorectal cancer. <i>Modern Pathology</i> , 2011, 24, 396-411.	2.9	39
26	Micro<scp>RNA</scp>s in myeloid malignancies. <i>British Journal of Haematology</i> , 2013, 162, 162-176.	1.2	39
27	Guidelines for whole genome bisulphite sequencing of intact and FFPE DNA on the Illumina HiSeq X Ten. <i>Epigenetics and Chromatin</i> , 2018, 11, 24.	1.8	38
28	Nuclear microRNAs in normal hemopoiesis and cancer. <i>Journal of Hematology and Oncology</i> , 2017, 10, 8.	6.9	33
29	We skip to work: alternative splicing in normal and malignant myelopoiesis. <i>Leukemia</i> , 2018, 32, 1081-1093.	3.3	33
30	Identification of nuclear-enriched miRNAs during mouse granulopoiesis. <i>Journal of Hematology and Oncology</i> , 2014, 7, 42.	6.9	29
31	Differential chemokine receptor expression and usage by preâ€“<scp>cDC</scp>1 and preâ€“<scp>cDC</scp>2. <i>Immunology and Cell Biology</i> , 2018, 96, 1131-1139.	1.0	24
32	Murine and related chapparvoviruses are nephro-tropic and produce novel accessory proteins in infected kidneys. <i>PLoS Pathogens</i> , 2020, 16, e1008262.	2.1	23
33	Epigenetic modifications of splicing factor genes in myelodysplastic syndromes and acute myeloid leukemia. <i>Cancer Science</i> , 2014, 105, 1457-1463.	1.7	21
34	DNA methylation/hydroxymethylation regulate gene expression and alternative splicing during terminal granulopoiesis. <i>Epigenomics</i> , 2019, 11, 95-109.	1.0	18
35	Intron retention: importance, challenges, and opportunities. <i>Trends in Genetics</i> , 2022, 38, 789-792.	2.9	16
36	The m6A-epitranscriptome in brain plasticity, learning and memory. <i>Seminars in Cell and Developmental Biology</i> , 2022, 125, 110-121.	2.3	15

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37	Identifying microRNA determinants of human myelopoiesis. <i>Scientific Reports</i> , 2018, 8, 7264.	1.6	14
38	Pdcd10-Stk24/25 complex controls kidney water reabsorption by regulating Aqp2 membrane targeting. <i>JCI Insight</i> , 2021, 6, .	2.3	13
39	<i>Ctcf</i> haploinsufficiency mediates intron retention in a tissue-specific manner. <i>RNA Biology</i> , 2021, 18, 93-103.	1.5	12
40	Tumor suppressor CEBPA interacts with and inhibits DNMT3A activity. <i>Science Advances</i> , 2022, 8, eabl5220.	4.7	11
41	Germline epimutations of APC are not associated with inherited colorectal polyposis. <i>Gut</i> , 2006, 55, 586-587.	6.1	10
42	Widespread Aberrant Alternative Splicing despite Molecular Remission in Chronic Myeloid Leukaemia Patients. <i>Cancers</i> , 2020, 12, 3738.	1.7	10
43	Intron Retention Coupled with Nonsense-Mediated Decay Determines Protein Expression and Nuclear Morphology in Granulopoiesis. <i>Blood</i> , 2012, 120, 112-112.	0.6	9
44	The Expanding Role of Alternative Splicing in Vascular Smooth Muscle Cell Plasticity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10213.	1.8	7
45	Dynamic intron retention modulates gene expression in the monocytic differentiation pathway. <i>Immunology</i> , 2022, 165, 274-286.	2.0	7
46	CCM2L (Cerebral Cavernous Malformation 2 Like) Deletion Aggravates Cerebral Cavernous Malformation Through Map3k3-KLF Signaling Pathway. <i>Stroke</i> , 2021, 52, 1428-1436.	1.0	3
47	OXS1 inhibits inflammasome activation by limiting potassium efflux during mycobacterial infection. <i>Life Science Alliance</i> , 2022, 5, e202201476.	1.3	2
48	Changes in CpG methylation marks differentiation of human myeloid progenitors to neutrophils. <i>Stem Cell Investigation</i> , 2014, 1, 10.	1.3	0