

Gareth A Palidwor

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,031
citations

516215

16
h-index

552369

26
g-index

30
all docs

30
docs citations

30
times ranked

2509
citing authors

#	ARTICLE	IF	CITATIONS
1	A General Model of Codon Bias Due to GC Mutational Bias. PLoS ONE, 2010, 5, e13431.	1.1	144
2	Transcriptional Dominance of Pax7 in Adult Myogenesis Is Due to High-Affinity Recognition of Homeodomain Motifs. Developmental Cell, 2012, 22, 1208-1220.	3.1	139
3	A complex of C9ORF72 and p62 uses arginine methylation to eliminate stress granules by autophagy. Nature Communications, 2018, 9, 2794.	5.8	126
4	Gene function in early mouse embryonic stem cell differentiation. BMC Genomics, 2007, 8, 85.	1.2	123
5	Study of stem cell function using microarray experiments. FEBS Letters, 2005, 579, 1795-1801.	1.3	66
6	Detection of Alpha-Rod Protein Repeats Using a Neural Network and Application to Huntingtin. PLoS Computational Biology, 2009, 5, e1000304.	1.5	59
7	Transcriptional profiling of skeletal muscle reveals factors that are necessary to maintain satellite cell integrity during ageing. Mechanisms of Ageing and Development, 2010, 131, 9-20.	2.2	37
8	Mtf2-PRC2 control of canonical Wnt signaling is required for definitive erythropoiesis. Cell Discovery, 2018, 4, 21.	3.1	37
9	Reprogramming progeria fibroblasts re-establishes a normal epigenetic landscape. Aging Cell, 2017, 16, 870-887.	3.0	34
10	MaSC: mappability-sensitive cross-correlation for estimating mean fragment length of single-end short-read sequencing data. Bioinformatics, 2013, 29, 444-450.	1.8	31
11	Towards completion of the Earth's proteome. EMBO Reports, 2007, 8, 1135-1141.	2.0	30
12	Functional and Genomic Analyses of Alpha-Solenoid Proteins. PLoS ONE, 2013, 8, e79894.	1.1	26
13	StemBase. Methods in Molecular Biology, 2007, 407, 137-148.	0.4	24
14	An OTX2-PAX3 signaling axis regulates Group 3 medulloblastoma cell fate. Nature Communications, 2020, 11, 3627.	5.8	21
15	Genomic Adaptation to Acidic Environment: Evidence from Helicobacter pylori. American Naturalist, 2005, 166, 776-784.	1.0	18
16	Recent developments in StemBase: a tool to study gene expression in human and murine stem cells. BMC Research Notes, 2009, 2, 39.	0.6	18
17	BIDCHIPS: bias decomposition and removal from ChIP-seq data clarifies true binding signal and its functional correlates. Epigenetics and Chromatin, 2015, 8, 33.	1.8	17
18	Characterization of a novel OTX2-driven stem cell program in Group 3 and Group 4 medulloblastoma. Molecular Oncology, 2018, 12, 495-513.	2.1	16

#	ARTICLE	IF	CITATIONS
19	ChIP on SNP-chip for genome-wide analysis of human histone H4 hyperacetylation. BMC Genomics, 2007, 8, 322.	1.2	13
20	Chromatin tandem affinity purification sequencing. Nature Protocols, 2013, 8, 1525-1534.	5.5	13
21	Cis-regulatory determinants of MyoD function. Nucleic Acids Research, 2018, 46, 7221-7235.	6.5	11
22	Taxonomic colouring of phylogenetic trees of protein sequences. BMC Bioinformatics, 2006, 7, 79.	1.2	9
23	Accuracy and reproducibility of somatic point mutation calling in clinical-type targeted sequencing data. BMC Medical Genomics, 2020, 13, 156.	0.7	8
24	MLTrends: Graphing MEDLINE term usage over time. Journal of Biomedical Discovery and Collaboration, 2010, 5, 1-6.	2.0	6
25	Peer2ref: a peer-reviewer finding web tool that uses author disambiguation. BioData Mining, 2012, 5, 14.	2.2	3
26	A genome-wide strategy to identify causes and consequences of retrotransposon expression finds activation by BRCA1 in ovarian cancer. NAR Cancer, 2021, 3, zcaa040.	1.6	2
27	Acknowledging contributions to online expert assistance. Nature Precedings, 2011, , .	0.1	0
28	MEDU-14. OTX2 CONTROLS AN AXON GUIDANCE GENE EXPRESSION NETWORK TO REGULATE MEDULLOBLASTOMA SELF-RENEWAL. Neuro-Oncology, 2017, 19, iv40-iv40.	0.6	0
29	MEDU-04. AN OTX2-PAX GENE NETWORK REGULATES GROUP 3 MEDULLOBLASTOMA DIFFERENTIATION AND TUMOR GROWTH. Neuro-Oncology, 2019, 21, ii103-ii104.	0.6	0
30	PDTM-28. AN OTX2-PAX3 SIGNALLING AXIS REGULATES GROUP 3 MEDULLOBLASTOMA CELL FATE. Neuro-Oncology, 2019, 21, vi193-vi193.	0.6	0