Katherine James

List of Publications by Year
in descending order

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26 papers	564 citations	759055 12 h-index	677027 22 g-index
33 all docs	33 docs citations	33 times ranked	1087 citing authors

#	Article	IF	Citations
1	OUP accepted manuscript. Briefings in Functional Genomics, 2022, , .	1.3	3
2	Computational Network Inference for Bacterial Interactomics. MSystems, 2022, 7, e0145621.	1.7	5
3	Virtual Parts Repository 2: Model-Driven Design of Genetic Regulatory Circuits. ACS Synthetic Biology, 2021, 10, 3304-3315.	1.9	6
4	High intrinsic hydrolytic activity of cyanobacterial RNA polymerase compensates for the absence of transcription proofreading factors. Nucleic Acids Research, 2020, 48, 1341-1352.	6.5	10
5	Capturing Multicellular System Designs Using Synthetic Biology Open Language (SBOL). ACS Synthetic Biology, 2020, 9, 2410-2417.	1.9	1
6	Complete representation of a tapeworm genome reveals chromosomes capped by centromeres, necessitating a dual role in segregation and protection. BMC Biology, 2020, 18, 165.	1.7	19
7	The tapeworm interactome: inferring confidence scored protein-protein interactions from the proteome of Hymenolepis microstoma. BMC Genomics, 2020, 21, 346.	1.2	4
8	The gene-rich genome of the scallop Pecten maximus. GigaScience, 2020, 9, .	3.3	53
9	Symptom-based stratification of patients with primary SjÃ¶gren's syndrome: multi-dimensional characterisation of international observational cohorts and reanalyses of randomised clinical trials. Lancet Rheumatology, The, 2019, 1, e85-e94.	2.2	76
10	The Synarcual of the Little Skate, Leucoraja erinacea: Novel Development Among the Vertebrates. Frontiers in Ecology and Evolution, 2019, 7, .	1.1	12
11	An ancient germ cell-specific RNA-binding protein protects the germline from cryptic splice site poisoning. ELife, 2019, 8, .	2.8	22
12	B-cell activity markers are associated with different disease activity domains in primary SjÃ¶grenâ€™s syndrome. Rheumatology, 2018, 57, 1222-1227.	0.9	23
13	Genome-wide transcriptome profiling and spatial expression analyses identify signals and switches of development in tapeworms. EvoDevo, 2018, 9, 21.	1.3	30
14	Androgen-dependent alternative mRNA isoform expression in prostate cancer cells. F1000Research, 2018, 7, 1189.	0.8	16
15	A link between transcription fidelity and pausing in vivo. Transcription, 2017, 8, 99-105.	1.7	13
16	Deep sequencing approaches for the analysis of prokaryotic transcriptional boundaries and dynamics. Methods, 2017, 120, 76-84.	1.9	10
17	Single-peptide DNA-dependent RNA polymerase homologous to multi-subunit RNA polymerase. Nature Communications, 2017, 8, 15774.	5.8	22
18	Misincorporation by RNA polymerase is a major source of transcription pausingin vivo. Nucleic Acids Research, 2016, 45, gkw969.	6.5	31

#	Article	IF	Citations
19	Transformer2 proteins protect breast cancer cells from accumulating replication stress by ensuring productive splicing of checkpoint kinase 1. Frontiers of Chemical Science and Engineering, 2016, 10, 186-195.	2.3	3
20	Glycosylation is an Androgen-Regulated Process Essential for Prostate Cancer Cell Viability. EBioMedicine, 2016, 8, 103-116.	2.7	76
21	Eligibility for clinical trials in primary SjÃ¶grenâ€™s syndrome: lessons from the UK Primary SjÃ¶grenâ€™s Syndrome Registry. Rheumatology, 2015, 55, kev373.	0.9	9
22	A Transcriptional Signature of Fatigue Derived from Patients with Primary SjÃ¶grenâ€™s Syndrome. PLoS ONE, 2015, 10, e0143970.	1.1	45
23	Human Tra2 proteins jointly control a CHEK1 splicing switch among alternative and constitutive target exons. Nature Communications, 2014, 5, 4760.	5.8	47
24	BacillOndex: An Integrated Data Resource for Systems and Synthetic Biology. Journal of Integrative Bioinformatics, 2013, 10, 103-116.	1.0	12
25	Is newer better?â€”evaluating the effects of data curation on integrated analyses in Saccharomyces cerevisiae. Integrative Biology (United Kingdom), 2012, 4, 715-727.	0.6	2
26	Integration of Full-Coverage Probabilistic Functional Networks with Relevance to Specific Biological Processes. Lecture Notes in Computer Science, 2009, , 31-46.	1.0	8