

Jean Hausser

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

7,919
citations

236925

25
h-index

454955

30
g-index

33
all docs

33
docs citations

33
times ranked

12136
citing authors

#	ARTICLE	IF	CITATIONS
1	Controls for Phylogeny and Robust Analysis in Pareto Task Inference. <i>Molecular Biology and Evolution</i> , 2022, 39, .	8.9	7
2	Tumour heterogeneity and the evolutionary trade-offs of cancer. <i>Nature Reviews Cancer</i> , 2020, 20, 247-257.	28.4	111
3	Tumor diversity and the trade-off between universal cancer tasks. <i>Nature Communications</i> , 2019, 10, 5423.	12.8	53
4	Central dogma rates and the trade-off between precision and economy in gene expression. <i>Nature Communications</i> , 2019, 10, 68.	12.8	140
5	An active β -lactamase is a part of an orchestrated cell wall stress resistance network of <i>Bacillus subtilis</i> and related rhizosphere species. <i>Environmental Microbiology</i> , 2019, 21, 1068-1085.	3.8	18
6	Massively Parallel Interrogation of the Effects of Gene Expression Levels on Fitness. <i>Cell</i> , 2016, 166, 1282-1294.e18.	28.9	168
7	Geometry of the Gene Expression Space of Individual Cells. <i>PLoS Computational Biology</i> , 2015, 11, e1004224.	3.2	65
8	Inferring biological tasks using Pareto analysis of high-dimensional data. <i>Nature Methods</i> , 2015, 12, 233-235.	19.0	145
9	miR-184 Regulates Pancreatic β -Cell Function According to Glucose Metabolism. <i>Journal of Biological Chemistry</i> , 2015, 290, 20284-20294.	3.4	53
10	Linear Superposition and Prediction of Bacterial Promoter Activity Dynamics in Complex Conditions. <i>PLoS Computational Biology</i> , 2014, 10, e1003602.	3.2	16
11	MicroRNA binding sites in the coding region of mRNAs: Extending the repertoire of post-transcriptional gene regulation. <i>BioEssays</i> , 2014, 36, 617-626.	2.5	156
12	Identification and consequences of miRNA-target interactions beyond repression of gene expression. <i>Nature Reviews Genetics</i> , 2014, 15, 599-612.	16.3	556
13	Argonaute2 Mediates Compensatory Expansion of the Pancreatic β Cell. <i>Cell Metabolism</i> , 2014, 19, 122-134.	16.2	139
14	MicroRNA-7a regulates pancreatic β cell function. <i>Journal of Clinical Investigation</i> , 2014, 124, 2722-2735.	8.2	251
15	A biophysical miRNA-mRNA interaction model infers canonical and noncanonical targets. <i>Nature Methods</i> , 2013, 10, 253-255.	19.0	129
16	Analysis of CDS-located miRNA target sites suggests that they can effectively inhibit translation. <i>Genome Research</i> , 2013, 23, 604-615.	5.5	299
17	Timescales and bottlenecks in miRNA-dependent gene regulation. <i>Molecular Systems Biology</i> , 2013, 9, 711.	7.2	54
18	Argonaute CLIP – A method to identify in vivo targets of miRNAs. <i>Methods</i> , 2012, 58, 106-112.	3.8	33

#	ARTICLE	IF	CITATIONS
19	MicroRNA-194 is a target of transcription factor 1 (Tcf1, HNF1 $\hat{\pm}$) in adult liver and controls expression of frizzled-6. Hepatology, 2012, 55, 98-107.	7.3	48
20	A quantitative analysis of CLIP methods for identifying binding sites of RNA-binding proteins. Nature Methods, 2011, 8, 559-564.	19.0	460
21	MicroRNAs 103 and 107 regulate insulin sensitivity. Nature, 2011, 474, 649-653.	27.8	902
22	Kaposi's Sarcoma Herpesvirus microRNAs Target Caspase 3 and Regulate Apoptosis. PLoS Pathogens, 2011, 7, e1002405.	4.7	108
23	PAR-CLiP - A Method to Identify Transcriptome-wide the Binding Sites of RNA Binding Proteins. Journal of Visualized Experiments, 2010, , .	0.3	220
24	Transcriptome-wide Identification of RNA-Binding Protein and MicroRNA Target Sites by PAR-CLIP. Cell, 2010, 141, 129-141.	28.9	2,604
25	Relative contribution of sequence and structure features to the mRNA binding of Argonaute/EIF2C $\hat{\epsilon}$ miRNA complexes and the degradation of miRNA targets. Genome Research, 2009, 19, 2009-2020.	5.5	88
26	MirZ: an integrated microRNA expression atlas and target prediction resource. Nucleic Acids Research, 2009, 37, W266-W272.	14.5	83
27	<i>miR-375</i> maintains normal pancreatic $\hat{\pm}$ - and $\hat{2}$ -cell mass. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 5813-5818.	7.1	710
28	Inference of miRNA targets using evolutionary conservation and pathway analysis. BMC Bioinformatics, 2007, 8, 69.	2.6	282