

# Barak A Cohen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3999886/publications.pdf>

Version: 2024-02-01

28  
papers

1,919  
citations

394421

19  
h-index

552781

26  
g-index

41  
all docs

41  
docs citations

41  
times ranked

2207  
citing authors

#	ARTICLE	IF	CITATIONS
1	A test of the pioneer factor hypothesis using ectopic liver gene activation. <i>ELife</i> , 2022, 11, .	6.0	35
2	Genomic environments scale the activities of diverse core promoters. <i>Genome Research</i> , 2022, 32, 85-96.	5.5	26
3	Identification of a non-coding SNP associated with risk for non-syndromic orofacial clefting with allele-specific effects on IRF6 expression in vitro. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
4	Information content differentiates enhancers from silencers in mouse photoreceptors. <i>ELife</i> , 2021, 10, .	6.0	18
5	Sex- and Mutation-Specific p53 Gain-of-Function Activity in Gliomagenesis. <i>Cancer Research Communications</i> , 2021, 1, 148-163.	1.7	6
6	CLIP and Massively Parallel Functional Analysis of CELF6 Reveal a Role in Destabilizing Synaptic Gene mRNAs through Interaction with 3' UTR Elements. <i>Cell Reports</i> , 2020, 33, 108531.	6.4	14
7	Synthetic and genomic regulatory elements reveal aspects of cis-regulatory grammar in mouse embryonic stem cells. <i>ELife</i> , 2020, 9, .	6.0	61
8	GENE-59. NOT ALL p53 MUTATIONS ARE CREATED EQUAL: A MURINE ASTROCYTE MODEL FOR HIGH-THROUGHPUT FUNCTIONAL ASSESSMENT OF p53 MISSENSE MUTATIONS. <i>Neuro-Oncology</i> , 2019, 21, vi110-vi110.	1.2	0
9	A massively parallel reporter assay dissects the influence of chromatin structure on cis-regulatory activity. <i>Nature Biotechnology</i> , 2019, 37, 90-95.	17.5	66
10	PTRE-seq reveals mechanism and interactions of RNA binding proteins and miRNAs. <i>Nature Communications</i> , 2018, 9, 301.	12.8	33
11	Local sequence features that influence AP-1 cis-regulatory activity. <i>Genome Research</i> , 2018, 28, 171-181.	5.5	30
12	Functional cis-regulatory modules encoded by mouse-specific endogenous retrovirus. <i>Nature Communications</i> , 2017, 8, 14550.	12.8	73
13	How should novelty be valued in science?. <i>ELife</i> , 2017, 6, .	6.0	33
14	A Simple Grammar Defines Activating and Repressing cis-Regulatory Elements in Photoreceptors. <i>Cell Reports</i> , 2016, 17, 1247-1254.	6.4	75
15	Interactions between pluripotency factors specify cis-regulation in embryonic stem cells. <i>Genome Research</i> , 2016, 26, 778-786.	5.5	46
16	Cell-to-Cell Variability in the Propensity to Transcribe Explains Correlated Fluctuations in Gene Expression. <i>Cell Systems</i> , 2015, 1, 315-325.	6.2	70
17	Promoter-distal RNA polymerase II binding discriminates active from inactive CCAAT/ enhancer-binding protein beta binding sites. <i>Genome Research</i> , 2015, 25, 1791-1800.	5.5	30
18	Causal Variation in Yeast Sporulation Tends to Reside in a Pathway Bottleneck. <i>PLoS Genetics</i> , 2014, 10, e1004634.	3.5	16

#	ARTICLE	IF	CITATIONS
19	A Computational Framework for Analyzing Stochasticity in Gene Expression. PLoS Computational Biology, 2014, 10, e1003596.	3.2	24
20	Single Nucleotide Variants in Transcription Factors Associate More Tightly with Phenotype than with Gene Expression. PLoS Genetics, 2014, 10, e1004325.	3.5	14
21	High-throughput functional testing of ENCODE segmentation predictions. Genome Research, 2014, 24, 1595-1602.	5.5	232
22	Massively parallel synthetic promoter assays reveal the in vivo effects of binding site variants. Genome Research, 2013, 23, 1908-1915.	5.5	99
23	Massively parallel in vivo enhancer assay reveals that highly local features determine the cis-regulatory function of ChIP-seq peaks. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 11952-11957.	7.1	188
24	Thermodynamic State Ensemble Models of cis-Regulation. PLoS Computational Biology, 2012, 8, e1002407.	3.2	67
25	Complex effects of nucleotide variants in a mammalian cis-regulatory element. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 19498-19503.	7.1	245
26	The cis-Regulatory Logic of Hedgehog Gradient Responses: Key Roles for Gli Binding Affinity, Competition, and Cooperativity. Science Signaling, 2011, 4, ra38.	3.6	89
27	Analysis of combinatorial cis-regulation in synthetic and genomic promoters. Nature, 2009, 457, 215-218.	27.8	287
28	Ultraconserved Elements in the Olig2 Promoter. PLoS ONE, 2008, 3, e3946.	2.5	15