

# Ran Elkon

## List of Publications by Year in descending order

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Version: 2024-02-01

73  
papers

6,104  
citations

109137

35  
h-index

98622

67  
g-index

79  
all docs

79  
docs citations

79  
times ranked

10705  
citing authors

#	ARTICLE	IF	CITATIONS
1	CT-FOCS: a novel method for inferring cell type-specific enhancer-promoter maps. <i>Nucleic Acids Research</i> , 2022, 50, e55-e55.	6.5	2
2	The DOMINO web-server for active module identification analysis. <i>Bioinformatics</i> , 2022, 38, 2364-2366.	1.8	2
3	Gene architecture directs splicing outcome in separate nuclear spatial regions. <i>Molecular Cell</i> , 2022, 82, 1021-1034.e8.	4.5	26
4	Incorporating regulatory interactions into gene-set analyses for GWAS data: A controlled analysis with the MAGMA tool. <i>PLoS Computational Biology</i> , 2022, 18, e1009908.	1.5	3
5	Genome-wide association meta-analysis identifies 48 risk variants and highlights the role of the stria vascularis in hearing loss. <i>American Journal of Human Genetics</i> , 2022, 109, 1077-1091.	2.6	27
6	Identification and characterization of key long non-coding RNAs in the mouse cochlea. <i>RNA Biology</i> , 2021, 18, 1160-1169.	1.5	4
7	Expression pattern of cochlear microRNAs in the mammalian auditory hindbrain. <i>Cell and Tissue Research</i> , 2021, 383, 655-666.	1.5	7
8	A comprehensive enhancer screen identifies TRAM2 as a key and novel mediator of YAP oncogenesis. <i>Genome Biology</i> , 2021, 22, 54.	3.8	16
9	DOMINO: a network-based active module identification algorithm with reduced rate of false calls. <i>Molecular Systems Biology</i> , 2021, 17, e9593.	3.2	36
10	Genetic mapping of developmental trajectories for complex traits and diseases. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 3458-3469.	1.9	1
11	A CRISPR knockout screen reveals new regulators of canonical Wnt signaling. <i>Oncogenesis</i> , 2021, 10, 63.	2.1	4
12	A cell-type-specific atlas of the inner ear transcriptional response to acoustic trauma. <i>Cell Reports</i> , 2021, 36, 109758.	2.9	59
13	Lineage-tracing and translomic analysis of damage-inducible mitotic cochlear progenitors identifies candidate genes regulating regeneration. <i>PLoS Biology</i> , 2021, 19, e3001445.	2.6	12
14	GFI1 functions to repress neuronal gene expression in the developing inner ear hair cells. <i>Development (Cambridge)</i> , 2020, 147, .	1.2	38
15	Systematic identification of functional SNPs interrupting 3'UTR polyadenylation signals. <i>PLoS Genetics</i> , 2020, 16, e1008977.	1.5	30
16	Transcription Dynamics Regulate Poly(A) Tails and Expression of the RNA Degradation Machinery to Balance mRNA Levels. <i>Molecular Cell</i> , 2020, 78, 434-444.e5.	4.5	50
17	Systematic identification of functional SNPs interrupting 3'UTR polyadenylation signals. , 2020, 16, e1008977.		0
18	Systematic identification of functional SNPs interrupting 3'UTR polyadenylation signals. , 2020, 16, e1008977.		0

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19	Systematic identification of functional SNPs interrupting 3'UTR polyadenylation signals. , 2020, 16, e1008977.		0
20	Systematic identification of functional SNPs interrupting 3'UTR polyadenylation signals. , 2020, 16, e1008977.		0
21	Systematic identification of functional SNPs interrupting 3'UTR polyadenylation signals. , 2020, 16, e1008977.		0
22	Systematic identification of functional SNPs interrupting 3'UTR polyadenylation signals. , 2020, 16, e1008977.		0
23	Activity-dependent neuroprotective protein (ADNP) is an alcohol-responsive gene and negative regulator of alcohol consumption in female mice. <i>Neuropsychopharmacology</i> , 2019, 44, 415-424.	2.8	15
24	A CRISPR-Cas9 screen identifies essential CTCF anchor sites for estrogen receptor-driven breast cancer cell proliferation. <i>Nucleic Acids Research</i> , 2019, 47, 9557-9572.	6.5	21
25	The EXPANDER Integrated Platform for Transcriptome Analysis. <i>Journal of Molecular Biology</i> , 2019, 431, 2398-2406.	2.0	24
26	Recurrent functional misinterpretation of RNA-seq data caused by sample-specific gene length bias. <i>PLoS Biology</i> , 2019, 17, e3000481.	2.6	53
27	Cell-type-specific analysis of alternative polyadenylation using single-cell transcriptomics data. <i>Nucleic Acids Research</i> , 2019, 47, 10027-10039.	6.5	71
28	LncRNA-OIS1 regulates DPP4 activation to modulate senescence induced by RAS. <i>Nucleic Acids Research</i> , 2018, 46, 4213-4227.	6.5	40
29	Nuclear poly(A)-binding protein 1 is an ATM target and essential for DNA double-strand break repair. <i>Nucleic Acids Research</i> , 2018, 46, 730-747.	6.5	15
30	FOCS: a novel method for analyzing enhancer and gene activity patterns infers an extensive enhancer-promoter map. <i>Genome Biology</i> , 2018, 19, 56.	3.8	63
31	Helios is a key transcriptional regulator of outer hair cell maturation. <i>Nature</i> , 2018, 563, 696-700.	13.7	90
32	Genomic meta-analysis of the interplay between 3D chromatin organization and gene expression programs under basal and stress conditions. <i>Epigenetics and Chromatin</i> , 2018, 11, 49.	1.8	5
33	Pax6 regulation of <i>Sox9</i> in the retinal pigmented epithelium controls its timely differentiation and choroid vasculature development. <i>Development (Cambridge)</i> , 2018, 145, .	1.2	15
34	Functional CRISPR screen identifies AP1-associated enhancer regulating FOXF1 to modulate oncogene-induced senescence. <i>Genome Biology</i> , 2018, 19, 118.	3.8	38
35	CUEDC1 is a primary target of ER $\alpha$ essential for the growth of breast cancer cells. <i>Cancer Letters</i> , 2018, 436, 87-95.	3.2	7
36	Gfi1Cre mice have early onset progressive hearing loss and induce recombination in numerous inner ear non-hair cells. <i>Scientific Reports</i> , 2017, 7, 42079.	1.6	53

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37	Proteomic analysis of polyribosomes identifies splicing factors as potential regulators of translation during mitosis. <i>Nucleic Acids Research</i> , 2017, 45, 5945-5957.	6.5	35
38	Transcription Impacts the Efficiency of mRNA Translation via Co-transcriptional N6-adenosine Methylation. <i>Cell</i> , 2017, 169, 326-337.e12.	13.5	372
39	Characterization of noncoding regulatory DNA in the human genome. <i>Nature Biotechnology</i> , 2017, 35, 732-746.	9.4	79
40	Redifferentiation of expanded human islet $\beta^2$ cells by inhibition of ARX. <i>Scientific Reports</i> , 2016, 6, 20698.	1.6	18
41	Functional genetic screens for enhancer elements in the human genome using CRISPR-Cas9. <i>Nature Biotechnology</i> , 2016, 34, 192-198.	9.4	352
42	Genome-Wide Polyadenylation Maps Reveal Dynamic mRNA 3'-End Formation in the Failing Human Heart. <i>Circulation Research</i> , 2016, 118, 433-438.	2.0	41
43	BRCA1185delAG tumors may acquire therapy resistance through expression of RING-less BRCA1. <i>Journal of Clinical Investigation</i> , 2016, 126, 2903-2918.	3.9	105
44	3' UTR Shortening Potentiates MicroRNA-Based Repression of Pro-differentiation Genes in Proliferating Human Cells. <i>PLoS Genetics</i> , 2016, 12, e1005879.	1.5	77
45	Myc coordinates transcription and translation to enhance transformation and suppress invasiveness. <i>EMBO Reports</i> , 2015, 16, 1723-1736.	2.0	42
46	RFX transcription factors are essential for hearing in mice. <i>Nature Communications</i> , 2015, 6, 8549.	5.8	142
47	Parallel Profiling of the Transcriptome, Cistrome, and Epigenome in the Cellular Response to Ionizing Radiation. <i>Science Signaling</i> , 2014, 7, rs3.	1.6	51
48	eRNAs Are Required for p53-Dependent Enhancer Activity and Gene Transcription. <i>Molecular Cell</i> , 2013, 49, 524-535.	4.5	484
49	Alternative cleavage and polyadenylation: extent, regulation and function. <i>Nature Reviews Genetics</i> , 2013, 14, 496-506.	7.7	712
50	Alternative Cleavage and Polyadenylation during Colorectal Cancer Development. <i>Clinical Cancer Research</i> , 2012, 18, 5256-5266.	3.2	108
51	E2F mediates enhanced alternative polyadenylation in proliferation. <i>Genome Biology</i> , 2012, 13, R59.	13.9	137
52	High throughput gene expression analysis of the inner ear. <i>Hearing Research</i> , 2012, 288, 77-88.	0.9	33
53	The Poly(A)-Binding Protein Nuclear 1 Suppresses Alternative Cleavage and Polyadenylation Sites. <i>Cell</i> , 2012, 149, 538-553.	13.5	309
54	Transcriptional modulation induced by ionizing radiation: p53 remains a central player. <i>Molecular Oncology</i> , 2011, 5, 336-348.	2.1	82

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55	Cell Type-Specific Transcriptome Analysis Reveals a Major Role for Zeb1 and miR-200b in Mouse Inner Ear Morphogenesis. <i>PLoS Genetics</i> , 2011, 7, e1002309.	1.5	90
56	Integration of Transcriptomics, Proteomics, and MicroRNA Analyses Reveals Novel MicroRNA Regulation of Targets in the Mammalian Inner Ear. <i>PLoS ONE</i> , 2011, 6, e18195.	1.1	74
57	Matrin 3 Binds and Stabilizes mRNA. <i>PLoS ONE</i> , 2011, 6, e23882.	1.1	136
58	BRD7 is a candidate tumour suppressor gene required for p53 function. <i>Nature Cell Biology</i> , 2010, 12, 380-389.	4.6	194
59	A Pumilio-induced RNA structure switch in p27-3' UTR controls miR-221 and miR-222 accessibility. <i>Nature Cell Biology</i> , 2010, 12, 1014-1020.	4.6	369
60	Expander: from expression microarrays to networks and functions. <i>Nature Protocols</i> , 2010, 5, 303-322.	5.5	183
61	ATM-Dependent and -Independent Dynamics of the Nuclear Phosphoproteome After DNA Damage. <i>Science Signaling</i> , 2010, 3, rs3.	1.6	245
62	SPIKE - a database, visualization and analysis tool of cellular signaling pathways. <i>BMC Bioinformatics</i> , 2008, 9, 110.	1.2	65
63	Removal of AU Bias from Microarray mRNA Expression Data Enhances Computational Identification of Active MicroRNAs. <i>PLoS Computational Biology</i> , 2008, 4, e1000189.	1.5	8
64	Gene Expression Signature of Human Cancer Cell Lines Treated with the Ras Inhibitor Salirasib (S-Farnesylthiosalicylic Acid). <i>Cancer Research</i> , 2007, 67, 3320-3328.	0.4	48
65	Functional genomic delineation of TLR-induced transcriptional networks. <i>BMC Genomics</i> , 2007, 8, 394.	1.2	28
66	Comparative gene expression profiling reveals partially overlapping but distinct genomic actions of different antiestrogens in human breast cancer cells. <i>Journal of Cellular Biochemistry</i> , 2006, 98, 1163-1184.	1.2	43
67	E2F1 identified by promoter and biochemical analysis as a central target of glioblastoma cell-cycle arrest in response to ras inhibition. <i>International Journal of Cancer</i> , 2006, 119, 527-538.	2.3	26
68	Impaired genomic stability and increased oxidative stress exacerbate different features of Ataxia-telangiectasia. <i>Human Molecular Genetics</i> , 2005, 14, 2929-2943.	1.4	28
69	Deciphering Transcriptional Regulatory Elements That Encode Specific Cell-Cycle Phasing by Comparative Genomics Analysis. <i>Cell Cycle</i> , 2005, 4, 1788-1797.	1.3	42
70	Apolipoprotein E4 enhances brain inflammation by modulation of the NF- $\kappa$ B signaling cascade. <i>Neurobiology of Disease</i> , 2005, 20, 709-718.	2.1	142
71	Dissection of a DNA-damage-induced transcriptional network using a combination of microarrays, RNA interference and computational promoter analysis. <i>Genome Biology</i> , 2005, 6, R43.	13.9	71
72	In silico identification of transcriptional regulators associated with c-Myc. <i>Nucleic Acids Research</i> , 2004, 32, 4955-4961.	6.5	26

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73	Genome-Wide In Silico Identification of Transcriptional Regulators Controlling the Cell Cycle in Human Cells. <i>Genome Research</i> , 2003, 13, 773-780.	2.4	275