

Mali Salmon-Divon

List of Publications by Citations

Source: <https://exaly.com/author-pdf/5875599/mali-salmon-divon-publications-by-citations.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

76
papers

6,632
citations

23
h-index

81
g-index

92
ext. papers

8,343
ext. citations

7
avg, IF

5.38
L-index

#	Paper	IF	Citations
76	Topology of the human and mouse m6A RNA methylomes revealed by m6A-seq. <i>Nature</i> , 2012 , 485, 201-6	50.4	2387
75	Stem cells. m6A mRNA methylation facilitates resolution of naïve pluripotency toward differentiation. <i>Science</i> , 2015 , 347, 1002-6	33.3	904
74	The dynamic N(1)-methyladenosine methylome in eukaryotic messenger RNA. <i>Nature</i> , 2016 , 530, 441-6	50.4	523
73	Systematic comparison of microarray profiling, real-time PCR, and next-generation sequencing technologies for measuring differential microRNA expression. <i>Rna</i> , 2010 , 16, 991-1006	5.8	515
72	Transcriptome-wide mapping of N(6)-methyladenosine by m(6)A-seq based on immunocapturing and massively parallel sequencing. <i>Nature Protocols</i> , 2013 , 8, 176-89	18.8	358
71	The shaping and functional consequences of the microRNA landscape in breast cancer. <i>Nature</i> , 2013 , 497, 378-82	50.4	321
70	NuRD-mediated deacetylation of H3K27 facilitates recruitment of Polycomb Repressive Complex 2 to direct gene repression. <i>EMBO Journal</i> , 2012 , 31, 593-605	13	185
69	PeakAnalyzer: genome-wide annotation of chromatin binding and modification loci. <i>BMC Bioinformatics</i> , 2010 , 11, 415	3.6	183
68	ALA induced photodynamic effects on gram positive and negative bacteria. <i>Photochemical and Photobiological Sciences</i> , 2004 , 3, 430-5	4.2	130
67	Natural killer cell education in mice with single or multiple major histocompatibility complex class I molecules. <i>Journal of Experimental Medicine</i> , 2005 , 201, 1145-55	16.6	123
66	A unique megaplasmid contributes to stress tolerance and pathogenicity of an emergent <i>Salmonella enterica</i> serovar Infantis strain. <i>Environmental Microbiology</i> , 2014 , 16, 977-94	5.2	87
65	Mechanistic aspects of <i>Escherichia coli</i> photodynamic inactivation by cationic tetra-meso(N-methylpyridyl)porphine. <i>Photochemical and Photobiological Sciences</i> , 2004 , 3, 423-9	4.2	81
64	MBRS-27. DIFFERENCES IN RNA AND MIRNA EXPRESSION BETWEEN PTCH AND SUFU MUTATED MEDULLOBLASTOMA IN TWO PATIENTS WITH GORLIN'S SYNDROME. <i>Neuro-Oncology</i> , 2018 , 20, i134-i134	1.4	78
63	Multiple roles for polypyrimidine tract binding (PTB) proteins in trypanosome RNA metabolism. <i>Rna</i> , 2009 , 15, 648-65	5.8	63
62	Characterization of the human cumulus cell transcriptome during final follicular maturation and ovulation. <i>Molecular Human Reproduction</i> , 2014 , 20, 719-35	4.4	48
61	Genome-wide characterization of <i>Foxa2</i> targets reveals upregulation of floor plate genes and repression of ventrolateral genes in midbrain dopaminergic progenitors. <i>Development (Cambridge)</i> , 2012 , 139, 2625-34	6.6	43
60	Transcriptome analysis of the scleractinian coral <i>Stylophora pistillata</i> . <i>PLoS ONE</i> , 2014 , 9, e88615	3.7	41

59	Elucidating the role of C/D snoRNA in rRNA processing and modification in <i>Trypanosoma brucei</i> . <i>Eukaryotic Cell</i> , 2008 , 7, 86-101		39
58	Identification of novel snRNA-specific Sm proteins that bind selectively to U2 and U4 snRNAs in <i>Trypanosoma brucei</i> . <i>Rna</i> , 2007 , 13, 30-43	5.8	35
57	A Biallelic Mutation in the Homologous Recombination Repair Gene SPDR Is Associated With Human Gonadal Dysgenesis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017 , 102, 681-688	5.6	30
56	Tidal and diel orchestration of behaviour and gene expression in an intertidal mollusc. <i>Scientific Reports</i> , 2018 , 8, 4917	4.9	28
55	Identification of the heptameric Lsm complex that binds U6 snRNA in <i>Trypanosoma brucei</i> . <i>Molecular and Biochemical Parasitology</i> , 2008 , 160, 22-31	1.9	26
54	Probing natural killer cell education by Ly49 receptor expression analysis and computational modelling in single MHC class I mice. <i>PLoS ONE</i> , 2009 , 4, e6046	3.7	23
53	Natural killer cell tolerance persists despite significant reduction of self MHC class I on normal target cells in mice. <i>PLoS ONE</i> , 2010 , 5, e13174	3.7	23
52	Collection and characterization of grapevine genetic resources (<i>Vitis vinifera</i>) in the Holy Land, towards the renewal of ancient winemaking practices. <i>Scientific Reports</i> , 2017 , 7, 44463	4.9	18
51	Lethal neonatal rigidity and multifocal seizure syndrome--report of another family with a BRAT1 mutation. <i>European Journal of Paediatric Neurology</i> , 2015 , 19, 240-2	3.8	18
50	Meta-analysis of Pandemic Escherichia coli ST131 Plasmidome Proves Restricted Plasmid-clade Associations. <i>Scientific Reports</i> , 2020 , 10, 36	4.9	18
49	Mediterranean versus Red sea corals facing climate change, a transcriptome analysis. <i>Scientific Reports</i> , 2017 , 7, 42405	4.9	17
48	CircosVCF: circos visualization of whole-genome sequence variations stored in VCF files. <i>Bioinformatics</i> , 2017 , 33, 1392-1393	7.2	17
47	Yeast linker histone Hho1p is required for efficient RNA polymerase I processivity and transcriptional silencing at the ribosomal DNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 11703-8	11.5	17
46	Fluorescence Lifetime Imaging Microscopy, a Novel Diagnostic Tool for Metastatic Cell Detection in the Cerebrospinal Fluid of Children with Medulloblastoma. <i>Scientific Reports</i> , 2017 , 7, 3648	4.9	15
45	Synapsin IIb as a functional marker of submissive behavior. <i>Scientific Reports</i> , 2015 , 5, 10287	4.9	15
44	Characterization of the miRNA regulators of the human ovulatory cascade. <i>Scientific Reports</i> , 2018 , 8, 15605	4.9	14
43	Simulations of the NK cell immune synapse reveal that activation thresholds can be established by inhibitory receptors acting locally. <i>Journal of Immunology</i> , 2011 , 187, 760-73	5.3	13
42	The Heterochromatin Landscape in Migrating Cells and the Importance of H3K27me3 for Associated Transcriptome Alterations. <i>Cells</i> , 2018 , 7,	7.9	13

41	Gut microbiota determines the social behavior of mice and induces metabolic and inflammatory changes in their adipose tissue. <i>Npj Biofilms and Microbiomes</i> , 2021 , 7, 28	8.2	12
40	Transcriptomic Analysis of the Rev.1 Vaccine Strain in an Acidic Environment: Insights Into Virulence Attenuation. <i>Frontiers in Microbiology</i> , 2019 , 10, 250	5.7	11
39	Homozygous MED25 mutation implicated in eye-intellectual disability syndrome. <i>Human Genetics</i> , 2015 , 134, 577-87	6.3	11
38	In Vitro Exposure of Human Luteinized Mural Granulosa Cells to Dibutyl Phthalate Affects Global Gene Expression. <i>Toxicological Sciences</i> , 2017 , 160, 180-188	4.4	9
37	MicroRNA-mRNA expression profiles associated with medulloblastoma subgroup 4. <i>Cancer Management and Research</i> , 2018 , 10, 339-352	3.6	9
36	Network analysis of microRNAs, genes and their regulation in diffuse and follicular B-cell lymphomas. <i>Oncotarget</i> , 2018 , 9, 7928-7941	3.3	9
35	Determination of molecular markers for BRCA1 and BRCA2 heterozygosity using gene expression profiling. <i>Cancer Prevention Research</i> , 2013 , 6, 82-90	3.2	8
34	Increased Lamin B1 Levels Promote Cell Migration by Altering Perinuclear Actin Organization. <i>Cells</i> , 2020 , 9,	7.9	8
33	Pathogen Detection Using Frequency Domain Fluorescent Lifetime Measurements. <i>IEEE Transactions on Biomedical Engineering</i> , 2018 , 65, 2731-2741	5	7
32	Computational modeling of human natural killer cell development suggests a selection process regulating coexpression of KIR with CD94/NKG2A. <i>Molecular Immunology</i> , 2005 , 42, 397-403	4.3	7
31	The transition from acute to chronic pain: dynamic epigenetic reprogramming of the mouse prefrontal cortex up to 1 year after nerve injury. <i>Pain</i> , 2020 , 161, 2394-2409	8	7
30	Utilizing fluorescent life time imaging microscopy technology for identify carriers of BRCA2 mutation. <i>Biochemical and Biophysical Research Communications</i> , 2016 , 480, 36-41	3.4	7
29	X-linked elliptocytosis with impaired growth is related to mutated AMMECR1. <i>Gene</i> , 2017 , 606, 47-52	3.8	6
28	Risk gene-set and pathways in 22q11.2 deletion-related schizophrenia: a genealogical molecular approach. <i>Translational Psychiatry</i> , 2019 , 9, 15	8.6	6
27	Genomic analysis of the original Elberg Brucella melitensis Rev.1 vaccine strain reveals insights into virulence attenuation. <i>Virulence</i> , 2018 , 9, 1436-1448	4.7	6
26	Models for natural killer cell repertoire formation. <i>Clinical and Developmental Immunology</i> , 2003 , 10, 183-92		6
25	Generation of the natural killer cell repertoire: the sequential vs. the two-step selection model. <i>Bulletin of Mathematical Biology</i> , 2003 , 65, 199-218	2.1	6
24	Reactive stroma and trastuzumab resistance in HER2-positive early breast cancer. <i>International Journal of Cancer</i> , 2020 , 147, 266-276	7.5	6

23	Complete Genome Sequence of the Live Attenuated Vaccine Strain <i>Brucella melitensis</i> Rev.1. <i>Genome Announcements</i> , 2018 , 6,		5
22	An age-based sperm nomogram: the McGill reference guide. <i>Human Reproduction</i> , 2020 , 35, 2213-2225	5.7	5
21	Genomic evidence supports an independent history of Levantine and Eurasian grapevines. <i>Plants People Planet</i> , 2021 , 3, 414-427	4.1	4
20	expression level distinguishes control from -mutated lymphocytes. <i>Cancer Management and Research</i> , 2018 , 10, 589-598	3.6	4
19	Characterizing Human Cell Types and Tissue Origin Using the Benford Law. <i>Cells</i> , 2019 , 8,	7.9	3
18	VennBLAST—whole transcriptome comparison and visualization tool. <i>Genomics</i> , 2015 , 105, 131-6	4.3	3
17	Epigenetic signature of chronic low back pain in human T cells. <i>Pain Reports</i> , 2021 , 6, e960	3.5	3
16	The heterochromatin landscape in migrating cells and the importance of H3K27me3 for migration-associated transcriptional changes		3
15	Elucidating tissue specific genes using the Benford distribution. <i>BMC Genomics</i> , 2016 , 17, 595	4.5	3
14	The methyl donor S-adenosyl methionine reverses the DNA methylation signature of chronic neuropathic pain in mouse frontal cortex. <i>Pain Reports</i> , 2021 , 6, e944	3.5	2
13	Draft Genome Sequences of Two Multidrug-Resistant Extended-Spectrum-β-Lactamase-Producing <i>Klebsiella pneumoniae</i> Strains Causing Bloodstream Infections. <i>Genome Announcements</i> , 2016 , 4,		1
12	Modeling the influence of molecule and cell surface micro-domain distribution on the formation of T cell immunological synapses 2007 ,		1
11	A study of normal copy number variations in Israeli population. <i>Human Genetics</i> , 2021 , 140, 553-563	6.3	1
10	Heparanase: a potential marker of worse prognosis in estrogen receptor-positive breast cancer. <i>Npj Breast Cancer</i> , 2021 , 7, 67	7.8	1
9	Uncommon side effects of common drugs in patients with familial dysautonomia. <i>Pharmacoepidemiology and Drug Safety</i> , 2021 ,	2.6	1
8	Hope for male fecundity: clinically insignificant changes in semen parameters over 10 years at a single clinic while assessing an infertility population. <i>Journal of Assisted Reproduction and Genetics</i> , 2021 , 38, 2995-3002	3.4	1
7	Transcriptomic analysis of smooth versus rough <i>Brucella melitensis</i> Rev.1 vaccine strains reveals insights into virulence attenuation. <i>International Journal of Medical Microbiology</i> , 2020 , 310, 151363	3.7	0
6	Classifying Medulloblastoma Subgroups Based on Small, Clinically Achievable Gene Sets. <i>Frontiers in Oncology</i> , 2021 , 11, 637482	5.3	0

5	Influence of Maternal Age and Ovarian Reserve on the Decision to Continue or to Cancel IVF Cycles in Patients with One or Two Large Follicles: a Dual Effect. <i>Reproductive Sciences</i> , 2021 , 1	3	○
4	Differences in RNA and microRNA Expression Between PTCH1- and SUFU-mutated Medulloblastoma. <i>Cancer Genomics and Proteomics</i> , 2021 , 18, 335-347	3.3	○
3	CTCF supports preferentially short lamina-associated domains.. <i>Chromosome Research</i> , 2022 , 30, 123	4.4	○
2	High-Resolution Screening for Marine Prokaryotes and Eukaryotes With Selective Preference for Polyethylene and Polyethylene Terephthalate Surfaces.. <i>Frontiers in Microbiology</i> , 2022 , 13, 845144	5.7	○
1	Using Machine Learning Methods to Explore the Role of Non-Coding RNAs in DLBCL. <i>Blood</i> , 2021 , 138, 4324-4324	2.2	