

# Mali Salmon-Divon

## List of Publications by Year in Descending Order

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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	CTCF supports preferentially short lamina-associated domains.. <i>Chromosome Research</i> , <b>2022</b> , 30, 123	4.4	0
75	High-Resolution Screening for Marine Prokaryotes and Eukaryotes With Selective Preference for Polyethylene and Polyethylene Terephthalate Surfaces.. <i>Frontiers in Microbiology</i> , <b>2022</b> , 13, 845144	5.7	0
74	Epigenetic signature of chronic low back pain in human T cells. <i>Pain Reports</i> , <b>2021</b> , 6, e960	3.5	3
73	Using Machine Learning Methods to Explore the Role of Non-Coding RNAs in DLBCL. <i>Blood</i> , <b>2021</b> , 138, 4324-4324	2.2	
72	A study of normal copy number variations in Israeli population. <i>Human Genetics</i> , <b>2021</b> , 140, 553-563	6.3	1
71	Gut microbiota determines the social behavior of mice and induces metabolic and inflammatory changes in their adipose tissue. <i>Npj Biofilms and Microbiomes</i> , <b>2021</b> , 7, 28	8.2	12
70	Heparanase: a potential marker of worse prognosis in estrogen receptor-positive breast cancer. <i>Npj Breast Cancer</i> , <b>2021</b> , 7, 67	7.8	1
69	Genomic evidence supports an independent history of Levantine and Eurasian grapevines. <i>Plants People Planet</i> , <b>2021</b> , 3, 414-427	4.1	4
68	Classifying Medulloblastoma Subgroups Based on Small, Clinically Achievable Gene Sets. <i>Frontiers in Oncology</i> , <b>2021</b> , 11, 637482	5.3	0
67	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> , <b>2021</b> , 1	3	0
66	Uncommon side effects of common drugs in patients with familial dysautonomia. <i>Pharmacoepidemiology and Drug Safety</i> , <b>2021</b> ,	2.6	1
65	Differences in RNA and microRNA Expression Between PTCH1- and SUFU-mutated Medulloblastoma. <i>Cancer Genomics and Proteomics</i> , <b>2021</b> , 18, 335-347	3.3	0
64	The methyl donor S-adenosyl methionine reverses the DNA methylation signature of chronic neuropathic pain in mouse frontal cortex. <i>Pain Reports</i> , <b>2021</b> , 6, e944	3.5	2
63	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> , <b>2021</b> , 38, 2995-3002	3.4	1
62	Increased Lamin B1 Levels Promote Cell Migration by Altering Perinuclear Actin Organization. <i>Cells</i> , <b>2020</b> , 9,	7.9	8
61	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> , <b>2020</b> , 310, 151363	3.7	0
60	Reactive stroma and trastuzumab resistance in HER2-positive early breast cancer. <i>International Journal of Cancer</i> , <b>2020</b> , 147, 266-276	7.5	6

59	Meta-analysis of Pandemic Escherichia coli ST131 Plasmidome Proves Restricted Plasmid-clade Associations. <i>Scientific Reports</i> , <b>2020</b> , 10, 36	4.9	18
58	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> , <b>2020</b> , 161, 2394-2409	8	7
57	An age-based sperm nomogram: the McGill reference guide. <i>Human Reproduction</i> , <b>2020</b> , 35, 2213-2225	5.7	5
56	Characterizing Human Cell Types and Tissue Origin Using the Benford Law. <i>Cells</i> , <b>2019</b> , 8,	7.9	3
55	Transcriptomic Analysis of the Rev.1 Vaccine Strain in an Acidic Environment: Insights Into Virulence Attenuation. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 250	5.7	11
54	Risk gene-set and pathways in 22q11.2 deletion-related schizophrenia: a genealogical molecular approach. <i>Translational Psychiatry</i> , <b>2019</b> , 9, 15	8.6	6
53	Tidal and diel orchestration of behaviour and gene expression in an intertidal mollusc. <i>Scientific Reports</i> , <b>2018</b> , 8, 4917	4.9	28
52	Complete Genome Sequence of the Live Attenuated Vaccine Strain Brucella melitensis Rev.1. <i>Genome Announcements</i> , <b>2018</b> , 6,		5
51	Pathogen Detection Using Frequency Domain Fluorescent Lifetime Measurements. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2018</b> , 65, 2731-2741	5	7
50	MicroRNA-mRNA expression profiles associated with medulloblastoma subgroup 4. <i>Cancer Management and Research</i> , <b>2018</b> , 10, 339-352	3.6	9
49	Genomic analysis of the original Elberg Brucella melitensis Rev.1 vaccine strain reveals insights into virulence attenuation. <i>Virulence</i> , <b>2018</b> , 9, 1436-1448	4.7	6
48	Network analysis of microRNAs, genes and their regulation in diffuse and follicular B-cell lymphomas. <i>Oncotarget</i> , <b>2018</b> , 9, 7928-7941	3.3	9
47	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> , <b>2018</b> , 20, i134-i134	1	78
46	The Heterochromatin Landscape in Migrating Cells and the Importance of H3K27me3 for Associated Transcriptome Alterations. <i>Cells</i> , <b>2018</b> , 7,	7.9	13
45	Characterization of the miRNA regulators of the human ovulatory cascade. <i>Scientific Reports</i> , <b>2018</b> , 8, 15605	4.9	14
44	expression level distinguishes control from -mutated lymphocytes. <i>Cancer Management and Research</i> , <b>2018</b> , 10, 589-598	3.6	4
43	X-linked elliptocytosis with impaired growth is related to mutated AMMECR1. <i>Gene</i> , <b>2017</b> , 606, 47-52	3.8	6
42	Mediterranean versus Red sea corals facing climate change, a transcriptome analysis. <i>Scientific Reports</i> , <b>2017</b> , 7, 42405	4.9	17

41	CircosVCF: circos visualization of whole-genome sequence variations stored in VCF files. <i>Bioinformatics</i> , <b>2017</b> , 33, 1392-1393	7.2	17
40	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> , <b>2017</b> , 7, 44463	4.9	18
39	A Biallelic Mutation in the Homologous Recombination Repair Gene SPDR Is Associated With Human Gonadal Dysgenesis. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2017</b> , 102, 681-688	5.6	30
38	In Vitro Exposure of Human Luteinized Mural Granulosa Cells to Dibutyl Phthalate Affects Global Gene Expression. <i>Toxicological Sciences</i> , <b>2017</b> , 160, 180-188	4.4	9
37	Fluorescence Lifetime Imaging Microscopy, a Novel Diagnostic Tool for Metastatic Cell Detection in the Cerebrospinal Fluid of Children with Medulloblastoma. <i>Scientific Reports</i> , <b>2017</b> , 7, 3648	4.9	15
36	Draft Genome Sequences of Two Multidrug-Resistant Extended-Spectrum- $\beta$ -Lactamase-Producing <i>Klebsiella pneumoniae</i> Strains Causing Bloodstream Infections. <i>Genome Announcements</i> , <b>2016</b> , 4,		1
35	The dynamic N(1)-methyladenosine methylome in eukaryotic messenger RNA. <i>Nature</i> , <b>2016</b> , 530, 441-6	50.4	523
34	Elucidating tissue specific genes using the Benford distribution. <i>BMC Genomics</i> , <b>2016</b> , 17, 595	4.5	3
33	Utilizing fluorescent life time imaging microscopy technology for identify carriers of BRCA2 mutation. <i>Biochemical and Biophysical Research Communications</i> , <b>2016</b> , 480, 36-41	3.4	7
32	Homozygous MED25 mutation implicated in eye-intellectual disability syndrome. <i>Human Genetics</i> , <b>2015</b> , 134, 577-87	6.3	11
31	VennBLAST <sup>2</sup> whole transcriptome comparison and visualization tool. <i>Genomics</i> , <b>2015</b> , 105, 131-6	4.3	3
30	Synapsin IIb as a functional marker of submissive behavior. <i>Scientific Reports</i> , <b>2015</b> , 5, 10287	4.9	15
29	Stem cells. m6A mRNA methylation facilitates resolution of naïve pluripotency toward differentiation. <i>Science</i> , <b>2015</b> , 347, 1002-6	33.3	904
28	Lethal neonatal rigidity and multifocal seizure syndrome--report of another family with a BRAT1 mutation. <i>European Journal of Paediatric Neurology</i> , <b>2015</b> , 19, 240-2	3.8	18
27	Characterization of the human cumulus cell transcriptome during final follicular maturation and ovulation. <i>Molecular Human Reproduction</i> , <b>2014</b> , 20, 719-35	4.4	48
26	A unique megaplasmid contributes to stress tolerance and pathogenicity of an emergent <i>Salmonella enterica</i> serovar Infantis strain. <i>Environmental Microbiology</i> , <b>2014</b> , 16, 977-94	5.2	87
25	Transcriptome analysis of the scleractinian coral <i>Stylophora pistillata</i> . <i>PLoS ONE</i> , <b>2014</b> , 9, e88615	3.7	41
24	The shaping and functional consequences of the microRNA landscape in breast cancer. <i>Nature</i> , <b>2013</b> , 497, 378-82	50.4	321

23	Transcriptome-wide mapping of N(6)-methyladenosine by m(6)A-seq based on immunocapturing and massively parallel sequencing. <i>Nature Protocols</i> , <b>2013</b> , 8, 176-89	18.8	358
22	Determination of molecular markers for BRCA1 and BRCA2 heterozygosity using gene expression profiling. <i>Cancer Prevention Research</i> , <b>2013</b> , 6, 82-90	3.2	8
21	Topology of the human and mouse m6A RNA methylomes revealed by m6A-seq. <i>Nature</i> , <b>2012</b> , 485, 201-6	50.4	2387
20	NuRD-mediated deacetylation of H3K27 facilitates recruitment of Polycomb Repressive Complex 2 to direct gene repression. <i>EMBO Journal</i> , <b>2012</b> , 31, 593-605	13	185
19	Genome-wide characterization of Foxa2 targets reveals upregulation of floor plate genes and repression of ventrolateral genes in midbrain dopaminergic progenitors. <i>Development (Cambridge)</i> , <b>2012</b> , 139, 2625-34	6.6	43
18	Simulations of the NK cell immune synapse reveal that activation thresholds can be established by inhibitory receptors acting locally. <i>Journal of Immunology</i> , <b>2011</b> , 187, 760-73	5.3	13
17	Systematic comparison of microarray profiling, real-time PCR, and next-generation sequencing technologies for measuring differential microRNA expression. <i>Rna</i> , <b>2010</b> , 16, 991-1006	5.8	515
16	PeakAnalyzer: genome-wide annotation of chromatin binding and modification loci. <i>BMC Bioinformatics</i> , <b>2010</b> , 11, 415	3.6	183
15	Natural killer cell tolerance persists despite significant reduction of self MHC class I on normal target cells in mice. <i>PLoS ONE</i> , <b>2010</b> , 5, e13174	3.7	23
14	Probing natural killer cell education by Ly49 receptor expression analysis and computational modelling in single MHC class I mice. <i>PLoS ONE</i> , <b>2009</b> , 4, e6046	3.7	23
13	Multiple roles for polypyrimidine tract binding (PTB) proteins in trypanosome RNA metabolism. <i>Rna</i> , <b>2009</b> , 15, 648-65	5.8	63
12	Identification of the heptameric Lsm complex that binds U6 snRNA in <i>Trypanosoma brucei</i> . <i>Molecular and Biochemical Parasitology</i> , <b>2008</b> , 160, 22-31	1.9	26
11	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> , <b>2008</b> , 105, 11703-8	11.5	17
10	Elucidating the role of C/D snoRNA in rRNA processing and modification in <i>Trypanosoma brucei</i> . <i>Eukaryotic Cell</i> , <b>2008</b> , 7, 86-101		39
9	Identification of novel snRNA-specific Sm proteins that bind selectively to U2 and U4 snRNAs in <i>Trypanosoma brucei</i> . <i>Rna</i> , <b>2007</b> , 13, 30-43	5.8	35
8	Modeling the influence of molecule and cell surface micro-domain distribution on the formation of T cell immunological synapses <b>2007</b> ,		1
7	Computational modeling of human natural killer cell development suggests a selection process regulating coexpression of KIR with CD94/NKG2A. <i>Molecular Immunology</i> , <b>2005</b> , 42, 397-403	4.3	7
6	Natural killer cell education in mice with single or multiple major histocompatibility complex class I molecules. <i>Journal of Experimental Medicine</i> , <b>2005</b> , 201, 1145-55	16.6	123

5	ALA induced photodynamic effects on gram positive and negative bacteria. <i>Photochemical and Photobiological Sciences</i> , <b>2004</b> , 3, 430-5	4.2	130
4	Mechanistic aspects of Escherichia coli photodynamic inactivation by cationic tetra-meso(N-methylpyridyl)porphine. <i>Photochemical and Photobiological Sciences</i> , <b>2004</b> , 3, 423-9	4.2	81
3	Models for natural killer cell repertoire formation. <i>Clinical and Developmental Immunology</i> , <b>2003</b> , 10, 183-92		6
2	Generation of the natural killer cell repertoire: the sequential vs. the two-step selection model. <i>Bulletin of Mathematical Biology</i> , <b>2003</b> , 65, 199-218	2.1	6
1	The heterochromatin landscape in migrating cells and the importance of H3K27me3 for migration-associated transcriptional changes		3