

Mali Salmon-Divon

List of Publications by Year in descending order

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Version: 2024-02-01

84
papers

9,356
citations

218381

26
h-index

66788

78
g-index

92
all docs

92
docs citations

92
times ranked

13104
citing authors

#	ARTICLE	IF	CITATIONS
1	Topology of the human and mouse m6A RNA methylomes revealed by m6A-seq. <i>Nature</i> , 2012, 485, 201-206.	13.7	3,661
2	m ⁶ A mRNA methylation facilitates resolution of naïve pluripotency toward differentiation. <i>Science</i> , 2015, 347, 1002-1006.	6.0	1,288
3	The dynamic N1-methyladenosine methylome in eukaryotic messenger RNA. <i>Nature</i> , 2016, 530, 441-446.	13.7	765
4	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.	1.6	588
5	Transcriptome-wide mapping of N6-methyladenosine by m6A-seq based on immunocapturing and massively parallel sequencing. <i>Nature Protocols</i> , 2013, 8, 176-189.	5.5	512
6	The shaping and functional consequences of the microRNA landscape in breast cancer. <i>Nature</i> , 2013, 497, 378-382.	13.7	370
7	NuRD-mediated deacetylation of H3K27 facilitates recruitment of Polycomb Repressive Complex 2 to direct gene repression. <i>EMBO Journal</i> , 2012, 31, 593-605.	3.5	224
8	PeakAnalyzer: Genome-wide annotation of chromatin binding and modification loci. <i>BMC Bioinformatics</i> , 2010, 11, 415.	1.2	210
9	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, 977-994.	1.8	172
10	ALA induced photodynamic effects on Gram positive and negative bacteria. <i>Photochemical and Photobiological Sciences</i> , 2004, 3, 430.	1.6	164
11	Natural killer cell education in mice with single or multiple major histocompatibility complex class I molecules. <i>Journal of Experimental Medicine</i> , 2005, 201, 1145-1155.	4.2	133
12	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.	1.6	99
13	Multiple roles for polypyrimidine tract binding (PTB) proteins in trypanosome RNA metabolism. <i>Rna</i> , 2009, 15, 648-665.	1.6	77
14	Characterization of the human cumulus cell transcriptome during final follicular maturation and ovulation. <i>Molecular Human Reproduction</i> , 2014, 20, 719-735.	1.3	68
15	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> , 2012, 139, 2625-2634.	1.2	55
16	Transcriptome Analysis of the Scleractinian Coral <i>Stylophora pistillata</i> . <i>PLoS ONE</i> , 2014, 9, e88615.	1.1	49
17	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.	3.4	47
18	A Biallelic Mutation in the Homologous Recombination Repair Gene SPIDR Is Associated With Human Gonadal Dysgenesis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 681-688.	1.8	47

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19	Tidal and diel orchestration of behaviour and gene expression in an intertidal mollusc. <i>Scientific Reports</i> , 2018, 8, 4917.	1.6	47
20	Meta-analysis of Pandemic <i>Escherichia coli</i> ST131 Plasmidome Proves Restricted Plasmid-clade Associations. <i>Scientific Reports</i> , 2020, 10, 36.	1.6	41
21	CircosVCF: circos visualization of whole-genome sequence variations stored in VCF files. <i>Bioinformatics</i> , 2017, 33, 1392-1393.	1.8	37
22	Identification of novel snRNA-specific Sm proteins that bind selectively to U2 and U4 snRNAs in <i>Trypanosoma brucei</i> . <i>Rna</i> , 2006, 13, 30-43.	1.6	36
23	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.	2.9	35
24	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.	0.5	28
25	Lethal neonatal rigidity and multifocal seizure syndrome – Report of another family with a BRAT1 mutation. <i>European Journal of Paediatric Neurology</i> , 2015, 19, 240-242.	0.7	28
26	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.	1.6	28
27	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.	1.1	26
28	The Heterochromatin Landscape in Migrating Cells and the Importance of H3K27me3 for Associated Transcriptome Alterations. <i>Cells</i> , 2018, 7, 205.	1.8	26
29	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.	1.1	26
30	Characterization of the miRNA regulators of the human ovulatory cascade. <i>Scientific Reports</i> , 2018, 8, 15605.	1.6	25
31	Mediterranean versus Red sea corals facing climate change, a transcriptome analysis. <i>Scientific Reports</i> , 2017, 7, 42405.	1.6	24
32	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.	2.0	24
33	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.	1.6	23
34	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, 11703-11708.	3.3	22
35	Network analysis of microRNAs, genes and their regulation in diffuse and follicular B-cell lymphomas. <i>Oncotarget</i> , 2018, 9, 7928-7941.	0.8	22
36	Synapsin IIb as a functional marker of submissive behavior. <i>Scientific Reports</i> , 2015, 5, 10287.	1.6	19

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37	Homozygous MED25 mutation implicated in eye intellectual disability syndrome. <i>Human Genetics</i> , 2015, 134, 577-587.	1.8	18
38	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, 760-773.	0.4	16
39	Transcriptomic Analysis of the <i>Brucella melitensis</i> Rev.1 Vaccine Strain in an Acidic Environment: Insights Into Virulence Attenuation. <i>Frontiers in Microbiology</i> , 2019, 10, 250.	1.5	14
40	Increased Lamin B1 Levels Promote Cell Migration by Altering Perinuclear Actin Organization. <i>Cells</i> , 2020, 9, 2161.	1.8	14
41	Epigenetic signature of chronic low back pain in human T cells. <i>Pain Reports</i> , 2021, 6, e960.	1.4	14
42	Risk gene-set and pathways in 22q11.2 deletion-related schizophrenia: a genealogical molecular approach. <i>Translational Psychiatry</i> , 2019, 9, 15.	2.4	13
43	Reactive stroma and trastuzumab resistance in HER2 positive early breast cancer. <i>International Journal of Cancer</i> , 2020, 147, 266-276.	2.3	13
44	Genomic evidence supports an independent history of Levantine and Eurasian grapevines. <i>Plants People Planet</i> , 2021, 3, 414-427.	1.6	13
45	Pathogen Detection Using Frequency Domain Fluorescent Lifetime Measurements. <i>IEEE Transactions on Biomedical Engineering</i> , 2018, 65, 2731-2741.	2.5	11
46	MicroRNA–mRNA expression profiles associated with medulloblastoma subgroup 4. <i>Cancer Management and Research</i> , 2018, Volume 10, 339-352.	0.9	11
47	Utilizing fluorescent life time imaging microscopy technology for identify carriers of BRCA2 mutation. <i>Biochemical and Biophysical Research Communications</i> , 2016, 480, 36-41.	1.0	10
48	In Vitro Exposure of Human Luteinized Mural Granulosa Cells to Dibutyl Phthalate Affects Global Gene Expression. <i>Toxicological Sciences</i> , 2017, 160, 180-188.	1.4	10
49	Genomic analysis of the original Elberg <i>Brucella melitensis</i> Rev.1 vaccine strain reveals insights into virulence attenuation. <i>Virulence</i> , 2018, 9, 1436-1448.	1.8	10
50	Determination of Molecular Markers for BRCA1 and BRCA2 Heterozygosity Using Gene Expression Profiling. <i>Cancer Prevention Research</i> , 2013, 6, 82-90.	0.7	9
51	Complete Genome Sequence of the Live Attenuated Vaccine Strain <i>Brucella melitensis</i> Rev.1. <i>Genome Announcements</i> , 2018, 6, .	0.8	9
52	An age-based sperm nomogram: the McGill reference guide. <i>Human Reproduction</i> , 2020, 35, 2213-2225.	0.4	9
53	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.	0.9	8
54	Models for Natural Killer Cell Repertoire Formation. <i>Clinical and Developmental Immunology</i> , 2003, 10, 183-192.	3.3	8

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55	Heparanase: a potential marker of worse prognosis in estrogen receptor-positive breast cancer. <i>Npj Breast Cancer</i> , 2021, 7, 67.	2.3	8
56	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.	1.0	7
57	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.	1.4	7
58	X-linked elliptocytosis with impaired growth is related to mutated AMMECR1. <i>Gene</i> , 2017, 606, 47-52.	1.0	6
59	Characterizing Human Cell Types and Tissue Origin Using the Benford Law. <i>Cells</i> , 2019, 8, 1004.	1.8	6
60	Classifying Medulloblastoma Subgroups Based on Small, Clinically Achievable Gene Sets. <i>Frontiers in Oncology</i> , 2021, 11, 637482.	1.3	6
61	CTCF supports preferentially short lamina-associated domains. <i>Chromosome Research</i> , 2022, 30, 123-136.	1.0	6
62	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.	1.5	6
63	Genomic Analysis of Natural Rough <i>Brucella melitensis</i> Rev.1 Vaccine Strains: Identification and Characterization of Mutations in Key Genes Associated with Bacterial LPS Biosynthesis and Virulence. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9341.	1.8	5
64	Elucidating tissue specific genes using the Benford distribution. <i>BMC Genomics</i> , 2016, 17, 595.	1.2	4
65	SYK expression level distinguishes control from BRCA1 -mutated lymphocytes. <i>Cancer Management and Research</i> , 2018, Volume 10, 589-598.	0.9	4
66	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.	1.5	4
67	Differences in RNA and microRNA Expression Between PTCH1- and SUFU-mutated Medulloblastoma. <i>Cancer Genomics and Proteomics</i> , 2021, 18, 335-347.	1.0	4
68	Non-Coding RNAs in Normal B-Cell Development and in Mantle Cell Lymphoma: From Molecular Mechanism to Biomarker and Therapeutic Agent Potential. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9490.	1.8	4
69	VennBLAST™ Whole transcriptome comparison and visualization tool. <i>Genomics</i> , 2015, 105, 131-136.	1.3	3
70	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> , 2022, 29, 291-300.	1.1	3
71	An evaluation of changes over time in the semen parameters data used for the World Health Organization semen analysis reference ranges. <i>Andrology</i> , 2021, , .	1.9	3
72	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.	1.2	2

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73	Effect of Malignancy on Semen Parameters. <i>Life</i> , 2022, 12, 922.	1.1	2
74	Modeling the influence of molecule and cell surface micro-domain distribution on the formation of T cell immunological synapses. , 2007, , .		1
75	Draft Genome Sequences of Two Multidrug-Resistant Extended-Spectrum-Î²-Lactamase-Producing <i>Klebsiella pneumoniae</i> Strains Causing Bloodstream Infections. <i>Genome Announcements</i> , 2016, 4, .	0.8	1
76	Uncommon side effects of common drugs in patients with familial dysautonomia. <i>Pharmacoepidemiology and Drug Safety</i> , 2022, 31, 128-140.	0.9	1
77	A study of normal copy number variations in Israeli population. <i>Human Genetics</i> , 2021, 140, 553-563.	1.8	1
78	Using Machine Learning Methods to Explore the Role of Non-Coding RNAs in DLBCL. <i>Blood</i> , 2021, 138, 4324-4324.	0.6	1
79	A novel detection method of metastatic cells in the cerebrospinal fluid of pediatric population with medulloblastoma using fluorescence lifetime imaging microscopy. <i>European Journal of Cancer</i> , 2016, 61, S153.	1.3	0
80	MBRS-27. DIFFERENCES IN RNA AND MIRNA EXPRESSION BETWEEN PTCH AND SUFU MUTATED MEDULLOBLASTOMA IN TWO PATIENTS WITH GORLINâ€™S SYNDROME. <i>Neuro-Oncology</i> , 2018, 20, i134-i134.	0.6	0
81	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. <i>Fertility and Sterility</i> , 2019, 112, e106-e107.	0.5	0
82	An age-based nomogram based on cut off values of semen analysis results, from 2010 who reference values for semen characteristics. <i>Fertility and Sterility</i> , 2019, 112, e360-e361.	0.5	0
83	The Acidic Stress Response of the Intracellular Pathogen <i>Brucella melitensis</i> : New Insights from a Comparative, Genome-Wide Transcriptome Analysis. <i>Genes</i> , 2020, 11, 1016.	1.0	0
84	Frequency domain fluorescence lifetime imaging microscopy system for detecting inflammatory cells. , 2018, , .		0