Raya Khanin

List of Publications by Year
in descending order

31	10,295	279798	434195
papers	citations	23	31
		h-index	g-index

32	32	32	18640
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Widespread changes in protein synthesis induced by microRNAs. Nature, 2008, 455, 58-63.	27.8	3,120
2	IDH mutation impairs histone demethylation and results in a block to cell differentiation. Nature, 2012, 483, 474-478.	27.8	1,693
3	Mutations in *GNA11* in Uveal Melanoma. New England Journal of Medicine, 2010, 363, 2191-2199.	27.0	1,312
4	Intestinal microbiome analyses identify melanoma patients at risk for checkpoint-blockade-induced colitis. Nature Communications, 2016, 7, 10391.	12.8	784
5	Comprehensive evaluation of differential gene expression analysis methods for RNA-seq data. Genome Biology, 2013, 14, R95.	9.6	588
6	Regulation of intestinal inflammation by microbiota following allogeneic bone marrow transplantation. Journal of Experimental Medicine, 2012, 209, 903-911.	8.5	552
7	Dynamic Changes in Lung MicroRNA Profiles During the Development of Pulmonary Hypertension due to Chronic Hypoxia and Monocrotaline. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 716-723.	2.4	305
8	Identification of a novel, recurrent *HEY1–NCOA2* fusion in mesenchymal chondrosarcoma based on a genome-wide screen of exon-level expression data. Genes Chromosomes and Cancer, 2012, 51, 127-139.	2.8	276
9	Intestinal Microbiota and Relapse After Hematopoietic-Cell Transplantation. Journal of Clinical Oncology, 2017, 35, 1650-1659.	1.6	252
10	How Scale-Free Are Biological Networks. Journal of Computational Biology, 2006, 13, 810-818.	1.6	198
11	Identification of *KIF5B-RET* and *GOPC-ROS1* Fusions in Lung Adenocarcinomas through a Comprehensive mRNA-Based Screen for Tyrosine Kinase Fusions. Clinical Cancer Research, 2012, 18, 6599-6608.	7.0	169
12	Induction of sarcomas by mutant IDH2. Genes and Development, 2013, 27, 1986-1998.	5.9	135
13	Gene expression profiling in whole blood of patients with coronary artery disease. Clinical Science, 2010, 119, 335-343.	4.3	121
14	Small RNA Sequencing and Functional Characterization Reveals MicroRNA-143 Tumor Suppressor Activity in Liposarcoma. Cancer Research, 2011, 71, 5659-5669.	0.9	106
15	miR-21 and miR-214 Are Consistently Modulated during Renal Injury in Rodent Models. American Journal of Pathology, 2011, 179, 661-672.	3.8	100
16	The miR-17-92 cluster and its target *THBS1* are differentially expressed in angiosarcomas dependent on *MYC* amplification. Genes Chromosomes and Cancer, 2012, 51, 569-578.	2.8	96
17	Relationships between LDH-A, Lactate, and Metastases in 4T1 Breast Tumors. Clinical Cancer Research, 2013, 19, 5158-5169.	7.0	87
18	LDH-A regulates the tumor microenvironment via HIF-signaling and modulates the immune response. PLoS ONE, 2018, 13, e0203965.	2.5	74

#	Article	IF	Citations
19	Analytic and Clinical Validation of a Prostate Cancerâ€"Enhanced Messenger RNA Detection Assay in Whole Blood as a Prognostic Biomarker for Survival. European Urology, 2014, 65, 1191-1197.	1.9	66
20	Near-optimal designs for dual channel microarray studies. Journal of the Royal Statistical Society Series C: Applied Statistics, 2005, 54, 817-830.	1.0	53
21	Computational Modeling of Post-Transcriptional Gene Regulation by MicroRNAs. Journal of Computational Biology, 2008, 15, 305-316.	1.6	53
22	Overexpression of DDX43 Mediates MEK Inhibitor Resistance through RAS Upregulation in Uveal Melanoma Cells. Molecular Cancer Therapeutics, 2014, 13, 2073-2080.	4.1	27
23	A computerised implementation of the multiple scales perturbation method using Mathematica. Computers and Structures, 2000, 76, 565-575.	4.4	26
24	Genome and transcriptome profiling of fibrolamellar hepatocellular carcinoma demonstrates p53 and IGF2BP1 dysregulation. PLoS ONE, 2017, 12, e0176562.	2.5	24
25	A probabilistic model for the establishment of neuron polarity. Journal of Mathematical Biology, 2001, 42, 26-40.	1.9	22
26	A Genomic Profile of Local Immunity in the Melanoma Microenvironment Following Treatment with Î± Particle-Emitting Ultrasmall Silica Nanoparticles. Cancer Biotherapy and Radiopharmaceuticals, 2020, 35, 459-473.	1.0	13
27	â€œFirst Stepâ€•Negative Feedback Accounts for Inhibition of Fast Neurotransmitter Release. Journal of Theoretical Biology, 1997, 188, 261-276.	1.7	10
28	Parallelization of Perturbation Analysis: Application to Large-scale Engineering Problems. Journal of Symbolic Computation, 2001, 31, 461-473.	0.8	10
29	Design of Large Time-Course Microarray Experiments with Two Channels. Applied Bioinformatics, 2005, 4, 253-261.	1.6	9
30	On the Feedback Between Theory and Experiment in Elucidating the Molecular Mechanisms Underlying Neurotransmitter Release. Bulletin of Mathematical Biology, 2006, 68, 997-1009.	1.9	8
31	A Lagrangian multibody code for deriving the symbolic state-space equations of motion for open-loop systems containing flexible beams. Mathematics and Computers in Simulation, 2004, 67, 85-98.	4.4	6