

Joseph B Rayman

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

2,142
citations

471509

17
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

2560
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of promoter binding by the E2F and pRB families in vivo: distinct E2F proteins mediate activation and repression. <i>Genes and Development</i> , 2000, 14, 804-816.	5.9	536
2	E2F mediates cell cycle-dependent transcriptional repression in vivo by recruitment of an HDAC1/mSin3B corepressor complex. <i>Genes and Development</i> , 2002, 16, 933-947.	5.9	265
3	The Finland–United States Investigation of Non–Insulin–Dependent Diabetes Mellitus Genetics (FUSION) Study. I. An Autosomal Genome Scan for Genes That Predispose to Type 2 Diabetes. <i>American Journal of Human Genetics</i> , 2000, 67, 1174-1185.	6.2	186
4	Molecular Mechanisms of the Memory Trace. <i>Trends in Neurosciences</i> , 2019, 42, 14-22.	8.6	148
5	Substrate Nucleotide-Determined Non-Templated Addition of Adenine by <i>Taq</i> DNA Polymerase: Implications for PCR-Based Genotyping and Cloning. <i>BioTechniques</i> , 1996, 21, 700-709.	1.8	147
6	The Finland–United States Investigation of Non–Insulin-Dependent Diabetes Mellitus Genetics (FUSION) Study. II. An Autosomal Genome Scan for Diabetes-Related Quantitative-Trait Loci. <i>American Journal of Human Genetics</i> , 2000, 67, 1186-1200.	6.2	121
7	E2F4 loss suppresses tumorigenesis in Rb mutant mice. <i>Cancer Cell</i> , 2002, 2, 463-472.	16.8	120
8	The Neurobiology of Fear Generalization. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 329.	2.0	116
9	Methods for precise sizing, automated binning of alleles, and reduction of error rates in large-scale genotyping using fluorescently labeled dinucleotide markers. FUSION (Finland-U.S. Investigation of) Tj ETQq1 1 0.784314 rg87 /Overl	2.0	87
10	TIA-1 Self-Multimerization, Phase Separation, and Recruitment into Stress Granules Are Dynamically Regulated by Zn ²⁺ . <i>Cell Reports</i> , 2018, 22, 59-71.	6.4	80
11	The Finland–United States Investigation of Non–Insulin-Dependent Diabetes Mellitus Genetics (FUSION) Study. I. An Autosomal Genome Scan for Genes That Predispose to Type 2 Diabetes. <i>American Journal of Human Genetics</i> , 2000, 67, 1174-1185.	6.2	71
12	Functional Role of Tia1/Pub1 and Sup35 Prion Domains: Directing Protein Synthesis Machinery to the Tubulin Cytoskeleton. <i>Molecular Cell</i> , 2014, 55, 305-318.	9.7	71
13	Sex Differences in Remote Contextual Fear Generalization in Mice. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 56.	2.0	40
14	Spontaneous transmitter release recruits postsynaptic mechanisms of long-term and intermediate-term facilitation in <i>Aplysia</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 9137-9142.	7.1	36
15	Functional Prions in the Brain. <i>Cold Spring Harbor Perspectives in Biology</i> , 2017, 9, a023671.	5.5	27
16	A large sample of finnish diabetic sib-pairs reveals no evidence for a non-insulin-dependent diabetes mellitus susceptibility locus at 2qter.. <i>Journal of Clinical Investigation</i> , 1998, 102, 704-709.	8.2	26
17	TIA-1 Is a Functional Prion-Like Protein. <i>Cold Spring Harbor Perspectives in Biology</i> , 2017, 9, a030718.	5.5	24
18	Genetic Perturbation of TIA1 Reveals a Physiological Role in Fear Memory. <i>Cell Reports</i> , 2019, 26, 2970-2983.e4.	6.4	19

#	ARTICLE	IF	CITATIONS
19	Micellar TIA1 with folded RNA binding domains as a model for reversible stress granule formation. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 31832-31837.	7.1	15
20	Single-nucleotide polymorphism in the human TIA1 gene interacts with stressful life events to predict the development of pathological anxiety symptoms in a Swedish population. Journal of Affective Disorders, 2020, 260, 597-603.	4.1	6