Joseph B Rayman

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7252034/publications.pdf

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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	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
2	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
3	Sex Differences in Remote Contextual Fear Generalization in Mice. Frontiers in Behavioral Neuroscience, 2019, 13, 56.	2.0	40
4	Genetic Perturbation of TIA1 Reveals a Physiological Role in Fear Memory. Cell Reports, 2019, 26, 2970-2983.e4.	6.4	19
5	Molecular Mechanisms of the Memory Trace. Trends in Neurosciences, 2019, 42, 14-22.	8.6	148
6	TIA-1 Self-Multimerization, Phase Separation, and Recruitment into Stress Granules Are Dynamically Regulated by Zn2+. Cell Reports, 2018, 22, 59-71.	6.4	80
7	The Neurobiology of Fear Generalization. Frontiers in Behavioral Neuroscience, 2018, 12, 329.	2.0	116
8	TIA-1 Is a Functional Prion-Like Protein. Cold Spring Harbor Perspectives in Biology, 2017, 9, a030718.	5.5	24
9	Functional Prions in the Brain. Cold Spring Harbor Perspectives in Biology, 2017, 9, a023671.	5.5	27
10	Functional Role of Tia1/Pub1 and Sup35 Prion Domains: Directing Protein Synthesis Machinery to the Tubulin Cytoskeleton. Molecular Cell, 2014, 55, 305-318.	9.7	71
11	Spontaneous transmitter release recruits postsynaptic mechanisms of long-term and intermediate-term facilitation in Aplysia. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 9137-9142.	7.1	36
12	E2F mediates cell cycle-dependent transcriptional repression in vivo by recruitment of an HDAC1/mSin3B corepressor complex. Genes and Development, 2002, 16, 933-947.	5.9	265
13	E2F4 loss suppresses tumorigenesis in Rb mutant mice. Cancer Cell, 2002, 2, 463-472.	16.8	120
14	The Finlandâ€“United States Investigation of Nonâ€“Insulin-Dependent Diabetes Mellitus Genetics (FUSION) Study. I. An Autosomal Genome Scan for Genes That Predispose to Type 2 Diabetes. American Journal of Human Genetics, 2000, 67, 1174-1185.	6.2	71
15	The Finlandâ€“United States Investigation of Nonâ€“Insulin-Dependent Diabetes Mellitus Genetics (FUSION) Study. II. An Autosomal Genome Scan for Diabetes-Related Quantitative-Trait Loci. American Journal of Human Genetics, 2000, 67, 1186-1200.	6.2	121
16	The Finlandâ€“United States Investigation of Nonâ€“InsulinâEDependent Diabetes Mellitus Genetics (FUSION) Study. I. An Autosomal Genome Scan for Genes That Predispose to Type 2 Diabetes. American Journal of Human Genetics, 2000, 67, 1174-1185.	6.2	186
17	Analysis of promoter binding by the E2F and pRB families in vivo: distinct E2F proteins mediate activation and repression. Genes and Development, 2000, 14, 804-816.	5.9	536
18	A large sample of finnish diabetic sib-pairs reveals no evidence for a non-insulin-dependent diabetes mellitus susceptibility locus at 2qter.. Journal of Clinical Investigation, 1998, 102, 704-709.	8.2	26

#	Article	IF	Citations
19	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 rgBT /Overlo	3.4	87
20	Substrate Nucleotide-Determined Non-Templated Addition of Adenine by Taq DNA Polymerase: Implications for PCR-Based Genotyping and Cloning. BioTechniques, 1996, 21, 700-709.	1.8	147