

John A Calarco

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

2,272
citations

430874

18
h-index

501196

28
g-index

34
all docs

34
docs citations

34
times ranked

3935
citing authors

#	ARTICLE	IF	CITATIONS
1	Heritable genome editing in <i>C. elegans</i> via a CRISPR-Cas9 system. <i>Nature Methods</i> , 2013, 10, 741-743.	19.0	825
2	Regulation of Vertebrate Nervous System Alternative Splicing and Development by an SR-Related Protein. <i>Cell</i> , 2009, 138, 898-910.	28.9	195
3	Genome-wide analysis of alternative splicing in <i>Caenorhabditis elegans</i> . <i>Genome Research</i> , 2011, 21, 342-348.	5.5	137
4	Global analysis of alternative splicing differences between humans and chimpanzees. <i>Genes and Development</i> , 2007, 21, 2963-2975.	5.9	130
5	Recurrent noncoding U1 snRNA mutations drive cryptic splicing in SHH medulloblastoma. <i>Nature</i> , 2019, 574, 707-711.	27.8	129
6	Heritable Custom Genomic Modifications in <i>Caenorhabditis elegans</i> via a CRISPR-Cas9 System. <i>Genetics</i> , 2013, 195, 1181-1185.	2.9	126
7	Efficient Genome Editing in <i>Caenorhabditis elegans</i> with a Toolkit of Dual-Marker Selection Cassettes. <i>Genetics</i> , 2015, 201, 449-458.	2.9	91
8	Genome-wide CRISPR-Cas9 Interrogation of Splicing Networks Reveals a Mechanism for Recognition of Autism-Misregulated Neuronal Microexons. <i>Molecular Cell</i> , 2018, 72, 510-524.e12.	9.7	86
9	Emerging Roles of Alternative Pre-mRNA Splicing Regulation in Neuronal Development and Function. <i>Frontiers in Neuroscience</i> , 2012, 6, 122.	2.8	82
10	Networking in a global world: Establishing functional connections between neural splicing regulators and their target transcripts. <i>Rna</i> , 2011, 17, 775-791.	3.5	65
11	Serotonin-dependent kinetics of feeding bursts underlie a graded response to food availability in <i>C. elegans</i> . <i>Nature Communications</i> , 2017, 8, 14221.	12.8	65
12	A Pair of RNA-Binding Proteins Controls Networks of Splicing Events Contributing to Specialization of Neural Cell Types. <i>Molecular Cell</i> , 2014, 54, 946-959.	9.7	62
13	Neuroendocrine modulation sustains the <i>C. elegans</i> forward motor state. <i>ELife</i> , 2016, 5, .	6.0	48
14	The transcriptional landscape of Shh medulloblastoma. <i>Nature Communications</i> , 2021, 12, 1749.	12.8	47
15	CRISPR-mediated genetic interaction profiling identifies RNA binding proteins controlling metazoan fitness. <i>ELife</i> , 2017, 6, .	6.0	32
16	Technologies for the Global Discovery and Analysis of Alternative Splicing. <i>Advances in Experimental Medicine and Biology</i> , 2007, 623, 64-84.	1.6	30
17	Splicing in a single neuron is coordinately controlled by RNA binding proteins and transcription factors. <i>ELife</i> , 2019, 8, .	6.0	29
18	Cell type-specific transcriptome profiling in <i>C. elegans</i> using the Translating Ribosome Affinity Purification technique. <i>Methods</i> , 2017, 126, 130-137.	3.8	24

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19	An Elongin-Cullin-SOCS Box Complex Regulates Stress-Induced Serotonergic Neuromodulation. <i>Cell Reports</i> , 2017, 21, 3089-3101.	6.4	12
20	Regulation of Tissue-Specific Alternative Splicing: <i>C. elegans</i> as a Model System. <i>Advances in Experimental Medicine and Biology</i> , 2016, 907, 229-261.	1.6	11
21	Forgetting generates a novel state that is reactivatable. <i>Science Advances</i> , 2022, 8, eabi9071.	10.3	9
22	Global regulatory features of alternative splicing across tissues and within the nervous system of <i>C. elegans</i> . <i>Genome Research</i> , 2020, 30, 1766-1780.	5.5	8
23	EOL-1, the Homolog of the Mammalian Dom3Z, Regulates Olfactory Learning in <i>C. elegans</i> . <i>Journal of Neuroscience</i> , 2014, 34, 13364-13370.	3.6	6
24	Creating Genome Modifications in <i>C. elegans</i> Using the CRISPR/Cas9 System. <i>Methods in Molecular Biology</i> , 2015, 1327, 59-74.	0.9	6
25	Synthetic Genetic Interaction (CRISPR-SGI) Profiling in <i>Caenorhabditis elegans</i> . <i>Bio-protocol</i> , 2018, 8, .	0.4	6
26	The UBR-1 ubiquitin ligase regulates glutamate metabolism to generate coordinated motor pattern in <i>Caenorhabditis elegans</i> . <i>PLoS Genetics</i> , 2018, 14, e1007303.	3.5	5
27	â€˜Crypticâ€™ exons reveal some of their secrets. <i>ELife</i> , 2013, 2, e00476.	6.0	2
28	Approaches for CRISPR/Cas9 Genome Editing in <i>C. elegans</i> . <i>Methods in Molecular Biology</i> , 2022, 2468, 215-237.	0.9	2
29	A Genetic Interaction Screening Approach in <i>C. elegans</i> . <i>Methods in Molecular Biology</i> , 2021, 2381, 79-95.	0.9	0
30	Microfluidic Vortices: On-Chip Rotation of <i>Caenorhabditis elegans</i> Using Microfluidic Vortices (<i>Adv. Mater. Technol.</i> 1/2021). <i>Advanced Materials Technologies</i> , 2021, 6, 2170002.	5.8	0