

Robert J Weatheritt

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,876
citations

516215

16
h-index

794141

19
g-index

27
all docs

27
docs citations

27
times ranked

3558
citing authors

#	ARTICLE	IF	CITATIONS
1	A Highly Conserved Program of Neuronal Microexons Is Misregulated in Autistic Brains. <i>Cell</i> , 2014, 159, 1511-1523.	13.5	546
2	Multilayered Control of Alternative Splicing Regulatory Networks by Transcription Factors. <i>Molecular Cell</i> , 2017, 65, 539-553.e7.	4.5	143
3	Autism spectrum disorder: insights into convergent mechanisms from transcriptomics. <i>Nature Reviews Genetics</i> , 2019, 20, 51-63.	7.7	128
4	Controlling entropy to tune the functions of intrinsically disordered regions. <i>Current Opinion in Structural Biology</i> , 2014, 26, 62-72.	2.6	127
5	Efficient and Accurate Quantitative Profiling of Alternative Splicing Patterns of Any Complexity on a Laptop. <i>Molecular Cell</i> , 2018, 72, 187-200.e6.	4.5	121
6	Regulatory Expansion in Mammals of Multivalent hnRNP Assemblies that Globally Control Alternative Splicing. <i>Cell</i> , 2017, 170, 324-339.e23.	13.5	119
7	The ribosome-engaged landscape of alternative splicing. <i>Nature Structural and Molecular Biology</i> , 2016, 23, 1117-1123.	3.6	115
8	Drift and conservation of differential exon usage across tissues in primate species. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 15377-15382.	3.3	103
9	An extensive program of periodic alternative splicing linked to cell cycle progression. <i>ELife</i> , 2016, 5, .	2.8	99
10	Autism-Misregulated eIF4G Microexons Control Synaptic Translation and Higher Order Cognitive Functions. <i>Molecular Cell</i> , 2020, 77, 1176-1192.e16.	4.5	69
11	Molecular Principles of Gene Fusion Mediated Rewiring of Protein Interaction Networks in Cancer. <i>Molecular Cell</i> , 2016, 63, 579-592.	4.5	63
12	Asymmetric mRNA localization contributes to fidelity and sensitivity of spatially localized systems. <i>Nature Structural and Molecular Biology</i> , 2014, 21, 833-839.	3.6	57
13	How do disordered regions achieve comparable functions to structured domains?. <i>Protein Science</i> , 2015, 24, 909-922.	3.1	41
14	The Hidden Codes That Shape Protein Evolution. <i>Science</i> , 2013, 342, 1325-1326.	6.0	37
15	Systematic mapping of nuclear domain-associated transcripts reveals speckles and lamina as hubs of functionally distinct retained introns. <i>Molecular Cell</i> , 2022, 82, 1035-1052.e9.	4.5	31
16	A Dynamic Splicing Program Ensures Proper Synaptic Connections in the Developing Cerebellum. <i>Cell Reports</i> , 2020, 31, 107703.	2.9	25
17	Differential contribution of transcriptomic regulatory layers in the definition of neuronal identity. <i>Nature Communications</i> , 2021, 12, 335.	5.8	20
18	Evolutionary dynamics of circular RNAs in primates. <i>ELife</i> , 2021, 10, .	2.8	15

#	ARTICLE	IF	CITATIONS
19	Multilayered control of exon acquisition permits the emergence of novel forms of regulatory control. <i>Genome Biology</i> , 2019, 20, 141.	3.8	13
20	Alu-minating the Mechanisms Underlying Primate Cortex Evolution. <i>Biological Psychiatry</i> , 2022, 92, 760-771.	0.7	1