

Robert J Weatheritt

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,876
citations

516710
16
h-index

794594
19
g-index

27
all docs

27
docs citations

27
times ranked

3558
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | 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. | 9.7 | 31 |
| 2 | Alu-minating the Mechanisms Underlying Primate Cortex Evolution. <i>Biological Psychiatry</i> , 2022, 92, 760-771. | 1.3 | 1 |
| 3 | Evolutionary dynamics of circular RNAs in primates. <i>ELife</i> , 2021, 10, . | 6.0 | 15 |
| 4 | Differential contribution of transcriptomic regulatory layers in the definition of neuronal identity. <i>Nature Communications</i> , 2021, 12, 335. | 12.8 | 20 |
| 5 | A Dynamic Splicing Program Ensures Proper Synaptic Connections in the Developing Cerebellum. <i>Cell Reports</i> , 2020, 31, 107703. | 6.4 | 25 |
| 6 | Autism-Misregulated eIF4G Microexons Control Synaptic Translation and Higher Order Cognitive Functions. <i>Molecular Cell</i> , 2020, 77, 1176-1192.e16. | 9.7 | 69 |
| 7 | Multilayered control of exon acquisition permits the emergence of novel forms of regulatory control. <i>Genome Biology</i> , 2019, 20, 141. | 8.8 | 13 |
| 8 | Autism spectrum disorder: insights into convergent mechanisms from transcriptomics. <i>Nature Reviews Genetics</i> , 2019, 20, 51-63. | 16.3 | 128 |
| 9 | Efficient and Accurate Quantitative Profiling of Alternative Splicing Patterns of Any Complexity on a Laptop. <i>Molecular Cell</i> , 2018, 72, 187-200.e6. | 9.7 | 121 |
| 10 | Multilayered Control of Alternative Splicing Regulatory Networks by Transcription Factors. <i>Molecular Cell</i> , 2017, 65, 539-553.e7. | 9.7 | 143 |
| 11 | Regulatory Expansion in Mammals of Multivalent hnRNP Assemblies that Globally Control Alternative Splicing. <i>Cell</i> , 2017, 170, 324-339.e23. | 28.9 | 119 |
| 12 | Molecular Principles of Gene Fusion Mediated Rewiring of Protein Interaction Networks in Cancer. <i>Molecular Cell</i> , 2016, 63, 579-592. | 9.7 | 63 |
| 13 | The ribosome-engaged landscape of alternative splicing. <i>Nature Structural and Molecular Biology</i> , 2016, 23, 1117-1123. | 8.2 | 115 |
| 14 | An extensive program of periodic alternative splicing linked to cell cycle progression. <i>ELife</i> , 2016, 5, . | 6.0 | 99 |
| 15 | How do disordered regions achieve comparable functions to structured domains?. <i>Protein Science</i> , 2015, 24, 909-922. | 7.6 | 41 |
| 16 | A Highly Conserved Program of Neuronal Microexons Is Misregulated in Autistic Brains. <i>Cell</i> , 2014, 159, 1511-1523. | 28.9 | 546 |
| 17 | Controlling entropy to tune the functions of intrinsically disordered regions. <i>Current Opinion in Structural Biology</i> , 2014, 26, 62-72. | 5.7 | 127 |
| 18 | Asymmetric mRNA localization contributes to fidelity and sensitivity of spatially localized systems. <i>Nature Structural and Molecular Biology</i> , 2014, 21, 833-839. | 8.2 | 57 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | The Hidden Codes That Shape Protein Evolution. Science, 2013, 342, 1325-1326. | 12.6 | 37 |
| 20 | Drift and conservation of differential exon usage across tissues in primate species. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 15377-15382. | 7.1 | 103 |