

Amanda Solem

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3380534/publications.pdf>

Version: 2024-02-01

20
papers

616
citations

759233

12
h-index

839539

18
g-index

20
all docs

20
docs citations

20
times ranked

742
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | Single-molecule FRET of protein-nucleic acid and protein-protein complexes: Surface passivation and immobilization. <i>Methods</i> , 2010, 52, 192-200. | 3.8 | 99 |
| 2 | A DEAD Protein that Activates Intron Self-Splicing without Unwinding RNA. <i>Molecular Cell</i> , 2006, 24, 611-617. | 9.7 | 82 |
| 3 | Single-molecule analysis of Mss116-mediated group II intron folding. <i>Nature</i> , 2010, 467, 935-939. | 27.8 | 73 |
| 4 | Multiple conformations are a conserved and regulatory feature of the <i>RBI</i> 5' UTR. <i>Rna</i> , 2015, 21, 1274-1285. | 3.5 | 60 |
| 5 | Protein-Facilitated Folding of Group II Intron Ribozymes. <i>Journal of Molecular Biology</i> , 2010, 397, 799-813. | 4.2 | 54 |
| 6 | An RNA structure-mediated, posttranscriptional model of human α -1-antitrypsin expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E10244-E10253. | 7.1 | 52 |
| 7 | Detecting riboSNitches with RNA folding algorithms: a genome-wide benchmark. <i>Nucleic Acids Research</i> , 2015, 43, 1859-1868. | 14.5 | 43 |
| 8 | A novel mechanism for protein-assisted group I intron splicing. <i>Rna</i> , 2002, 8, 412-425. | 3.5 | 31 |
| 9 | Functionally Distinct Nucleic Acid Binding Sites for a Group I Intron Encoded RNA Maturase/DNA Homing Endonuclease. <i>Journal of Molecular Biology</i> , 2003, 329, 239-251. | 4.2 | 31 |
| 10 | Dual roles for the Mss116 cofactor during splicing of the α 5' group II intron. <i>Nucleic Acids Research</i> , 2010, 38, 6602-6609. | 14.5 | 30 |
| 11 | The NPH-II Helicase Displays Efficient DNA-RNA Helicase Activity and a Pronounced Purine Sequence Bias. <i>Journal of Biological Chemistry</i> , 2010, 285, 11692-11703. | 3.4 | 17 |
| 12 | An allosteric-feedback mechanism for protein-assisted group I intron splicing. <i>Rna</i> , 2006, 13, 211-222. | 3.5 | 14 |
| 13 | Group II Introns and Their Protein Collaborators. <i>Springer Series in Biophysics</i> , 2009, , 167-182. | 0.4 | 11 |
| 14 | Impact of RNA structure on ZFP36L2 interaction with luteinizing hormone receptor mRNA. <i>Rna</i> , 2017, 23, 1209-1223. | 3.5 | 10 |
| 15 | Protein-Facilitated Ribozyme Folding and Catalysis. <i>Nucleic Acids Symposium Series</i> , 2008, 52, 67-68. | 0.3 | 5 |
| 16 | Using the Improvisational "Yes, and" Approach as a Review Technique in the Student-Centered Biology Classroom. <i>Journal of Microbiology and Biology Education</i> , 2016, 17, 482-484. | 1.0 | 2 |
| 17 | A clear path to RNA catalysis. <i>Nature Chemical Biology</i> , 2015, 11, 906-908. | 8.0 | 1 |
| 18 | Using an Activity Based on Constructivism To Help Students Develop a More Integrated Understanding of Cell Signaling Pathways. <i>Journal of Microbiology and Biology Education</i> , 2019, 20, 10. | 1.0 | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Single-Molecule Analysis of Mss116-Mediated Group II Intron Folding. Biophysical Journal, 2010, 98, 472a. | 0.5 | 0 |
| 20 | is conserved between and psychrophilic, polar-collected fungi. MicroPublication Biology, 2021, 2021, . | 0.1 | 0 |