

Amanda Solem

List of Publications by Year in descending order

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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	is conserved between and psychrophilic, polar-collected fungi. <i>MicroPublication Biology</i> , 2021, 2021, .	0.1	0
2	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
3	Impact of RNA structure on ZFP36L2 interaction with luteinizing hormone receptor mRNA. <i>Rna</i> , 2017, 23, 1209-1223.	3.5	10
4	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
5	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
6	Multiple conformations are a conserved and regulatory feature of the <i>RB1</i> 5' UTR. <i>Rna</i> , 2015, 21, 1274-1285.	3.5	60
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 clear path to RNA catalysis. <i>Nature Chemical Biology</i> , 2015, 11, 906-908.	8.0	1
9	Single-molecule analysis of Mss116-mediated group II intron folding. <i>Nature</i> , 2010, 467, 935-939.	27.8	73
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	Protein-Facilitated Folding of Group II Intron Ribozymes. <i>Journal of Molecular Biology</i> , 2010, 397, 799-813.	4.2	54
13	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
14	Single-Molecule Analysis of Mss116-Mediated Group II Intron Folding. <i>Biophysical Journal</i> , 2010, 98, 472a.	0.5	0
15	Group II Introns and Their Protein Collaborators. <i>Springer Series in Biophysics</i> , 2009, , 167-182.	0.4	11
16	Protein-Facilitated Ribozyme Folding and Catalysis. <i>Nucleic Acids Symposium Series</i> , 2008, 52, 67-68.	0.3	5
17	A DEAD Protein that Activates Intron Self-Splicing without Unwinding RNA. <i>Molecular Cell</i> , 2006, 24, 611-617.	9.7	82
18	An allosteric-feedback mechanism for protein-assisted group I intron splicing. <i>Rna</i> , 2006, 13, 211-222.	3.5	14

#	ARTICLE	IF	CITATIONS
19	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
20	A novel mechanism for protein-assisted group I intron splicing. <i>Rna</i> , 2002, 8, 412-425.	3.5	31