

# Eric J Montemayor

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

19  
papers

225  
citations

9  
h-index

14  
g-index

19  
ext. papers

285  
ext. citations

9.8  
avg, IF

2.76  
L-index

#	Paper	IF	Citations
19	Flagellar Structures from the Bacterium <i>Caulobacter crescentus</i> and Implications for Phage CbK Predation of Multiflagellin Bacteria. <i>Journal of Bacteriology</i> , <b>2021</b> , 203,	3.5	3
18	Molecular basis for the distinct cellular functions of the Lsm1-7 and Lsm2-8 complexes. <i>Rna</i> , <b>2020</b> , 26, 1400-1413	5.8	9
17	Structural basis for the evolution of cyclic phosphodiesterase activity in the U6 snRNA exoribonuclease Usb1. <i>Nucleic Acids Research</i> , <b>2020</b> , 48, 1423-1434	20.1	
16	Structure of an RNA helix with pyrimidine mismatches and cross-strand stacking. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , <b>2019</b> , 75, 652-656	1.1	2
15	RNA binding properties of the Lsm17 ring from <i>Schizosaccharomyces pombe</i> . <i>FASEB Journal</i> , <b>2019</b> , 33, 460.12	0.9	
14	Architecture of the U6 snRNP reveals specific recognition of 3' end processed U6 snRNA. <i>Nature Communications</i> , <b>2018</b> , 9, 1749	17.4	9
13	Structural and mechanistic basis for preferential deadenylation of U6 snRNA by Usb1. <i>Nucleic Acids Research</i> , <b>2018</b> , 46, 11488-11501	20.1	9
12	Fluorescent Branched RNAs for High-Throughput Analysis of Dbr1 Enzyme Kinetics and Inhibition. <i>ACS Chemical Biology</i> , <b>2017</b> , 12, 622-627	4.9	5
11	Usb1 controls U6 snRNP assembly through evolutionarily divergent cyclic phosphodiesterase activities. <i>Nature Communications</i> , <b>2017</b> , 8, 497	17.4	16
10	Structure and conformational plasticity of the U6 small nuclear ribonucleoprotein core. <i>Acta Crystallographica Section D: Structural Biology</i> , <b>2017</b> , 73, 1-8	5.5	5
9	Structural Analysis of Multi-Helical RNAs by NMR-SAXS/WAXS: Application to the U4/U6 di-snRNA. <i>Journal of Molecular Biology</i> , <b>2016</b> , 428, 777-789	6.5	33
8	Structural requirements for protein-catalyzed annealing of U4 and U6 RNAs during di-snRNP assembly. <i>Nucleic Acids Research</i> , <b>2016</b> , 44, 1398-410	20.1	15
7	Metal dependence and branched RNA cocrystal structures of the RNA lariat debranching enzyme Dbr1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 14727-14732	11.5	15
6	Design, Synthesis, and Properties of Phosphoramidate 2'5' Linked Branched RNA: Toward the Rational Design of Inhibitors of the RNA Lariat Debranching Enzyme. <i>Journal of Organic Chemistry</i> , <b>2015</b> , 80, 10108-18	4.2	5
5	Investigation of how the <i>Saccharomyces cerevisiae</i> Lsm2-8 proteins bind to the 3' end of U6 snRNA. <i>FASEB Journal</i> , <b>2015</b> , 29, 711.6	0.9	
4	Core structure of the U6 small nuclear ribonucleoprotein at 1.7 Å resolution. <i>Nature Structural and Molecular Biology</i> , <b>2014</b> , 21, 544-51	17.6	52
3	Regiospecific solid-phase synthesis of branched oligoribonucleotides that mimic intronic lariat RNA intermediates. <i>Journal of Organic Chemistry</i> , <b>2014</b> , 79, 963-75	4.2	19

- 2 Structural basis of lariat RNA recognition by the intron debranching enzyme Dbr1. *Nucleic Acids Research*, **2014**, 42, 10845-55 20.1 27
- 1 Molecular basis for the distinct cellular functions of the Lsm1-7 and Lsm2-8 complexes 1