

# Eric J Montemayor

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

341  
citations

932766

10  
h-index

940134

16  
g-index

19  
all docs

19  
docs citations

19  
times ranked

494  
citing authors

#	ARTICLE	IF	CITATIONS
1	Core structure of the U6 small nuclear ribonucleoprotein at 1.7-Å... resolution. <i>Nature Structural and Molecular Biology</i> , 2014, 21, 544-551.	3.6	65
2	Structural Analysis of Multi-Helical RNAs by NMR-SAXS/WAXS: Application to the U4/U6 di-snRNA. <i>Journal of Molecular Biology</i> , 2016, 428, 777-789.	2.0	45
3	Structural basis of lariat RNA recognition by the intron debranching enzyme Dbr1. <i>Nucleic Acids Research</i> , 2014, 42, 10845-10855.	6.5	42
4	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> , 2016, 113, 14727-14732.	3.3	24
5	Regiospecific Solid-Phase Synthesis of Branched Oligoribonucleotides That Mimic Intronic Lariat RNA Intermediates. <i>Journal of Organic Chemistry</i> , 2014, 79, 963-975.	1.7	22
6	Structural requirements for protein-catalyzed annealing of U4 and U6 RNAs during di-snRNP assembly. <i>Nucleic Acids Research</i> , 2016, 44, 1398-1410.	6.5	22
7	Molecular basis for the distinct cellular functions of the Lsm1-7 and Lsm2-8 complexes. <i>Rna</i> , 2020, 26, 1400-1413.	1.6	22
8	Flagellar Structures from the Bacterium <i>Caulobacter crescentus</i> and Implications for Phage CbK Predation of Multiflagellin Bacteria. <i>Journal of Bacteriology</i> , 2021, 203, .	1.0	21
9	Usb1 controls U6 snRNP assembly through evolutionarily divergent cyclic phosphodiesterase activities. <i>Nature Communications</i> , 2017, 8, 497.	5.8	20
10	Architecture of the U6 snRNP reveals specific recognition of 3'-end processed U6 snRNA. <i>Nature Communications</i> , 2018, 9, 1749.	5.8	17
11	Structural and mechanistic basis for preferential deadenylation of U6 snRNA by Usb1. <i>Nucleic Acids Research</i> , 2018, 46, 11488-11501.	6.5	16
12	Fluorescent Branched RNAs for High-Throughput Analysis of Dbr1 Enzyme Kinetics and Inhibition. <i>ACS Chemical Biology</i> , 2017, 12, 622-627.	1.6	8
13	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> , 2015, 80, 10108-10118.	1.7	5
14	Structure and conformational plasticity of the U6 small nuclear ribonucleoprotein core. <i>Acta Crystallographica Section D: Structural Biology</i> , 2017, 73, 1-8.	1.1	5
15	Structure of an RNA helix with pyrimidine mismatches and cross-strand stacking. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2019, 75, 652-656.	0.4	4
16	Structural basis for the evolution of cyclic phosphodiesterase activity in the U6 snRNA exoribonuclease Usb1. <i>Nucleic Acids Research</i> , 2020, 48, 1423-1434.	6.5	1
17	Investigation of how the <i>Saccharomyces cerevisiae</i> Lsm2-8 proteins bind to the 3' end of U6 snRNA. <i>FASEB Journal</i> , 2015, 29, 711.6.	0.2	0
18	RNA binding properties of the Lsm1-7 ring from <i>Schizosaccharomyces pombe</i> . <i>FASEB Journal</i> , 2019, 33, 460.12.	0.2	0