

# Adam Katolik

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10535948/publications.pdf>

Version: 2024-02-01

14  
papers

340  
citations

933447

10  
h-index

1058476

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

626  
citing authors

#	ARTICLE	IF	CITATIONS
1	Inborn Errors of RNA Lariat Metabolism in Humans with Brainstem Viral Infection. <i>Cell</i> , 2018, 172, 952-965.e18.	28.9	92
2	Studies on the hydrolytic stability of 2'-fluoroarabinonucleic acid (2'-F-ANA). <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 1904.	2.8	54
3	Structural basis of lariat RNA recognition by the intron debranching enzyme Dbr1. <i>Nucleic Acids Research</i> , 2014, 42, 10845-10855.	14.5	42
4	A homolog of lariat-debranching enzyme modulates turnover of branched RNA. <i>Rna</i> , 2014, 20, 1337-1348.	3.5	34
5	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.	7.1	24
6	Regiospecific Solid-Phase Synthesis of Branched Oligoribonucleotides That Mimic Intronic Lariat RNA Intermediates. <i>Journal of Organic Chemistry</i> , 2014, 79, 963-975.	3.2	22
7	Effect of 2'-5'-phosphodiester linkage heterogeneity on RNA interference. <i>Nucleic Acids Research</i> , 2020, 48, 4643-4657.	14.5	15
8	Design and enhanced gene silencing activity of spherical 2'-fluoroarabinose nucleic acids (FANA-SNAs). <i>Chemical Science</i> , 2021, 12, 2993-3003.	7.4	15
9	Compatibility of 5-ethynyl-2'-F-ANA UTP with <i>in vitro</i> selection for the generation of base-modified, nuclease resistant aptamers. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 8083-8087.	2.8	12
10	2'-Fluoro-Tricyclo Nucleic Acids (2'-F-tcANA): Thermal Duplex Stability, Structural Studies, and RNase H Activation. <i>Chemistry - A European Journal</i> , 2017, 23, 10310-10318.	3.3	11
11	Fluorescent Branched RNAs for High-Throughput Analysis of Dbr1 Enzyme Kinetics and Inhibition. <i>ACS Chemical Biology</i> , 2017, 12, 622-627.	3.4	8
12	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.	3.2	5
13	Substrate analogs that trap the 2'-phospho-ADP-ribosylated RNA intermediate of the Tpt1 (tRNA) Tj ETQq1 1 0.784314 rgBT /Over	3.5	3
14	Metal content and kinetic properties of yeast RNA lariat debranching enzyme Dbr1. <i>Rna</i> , 2022, 28, 927-936.	3.5	3