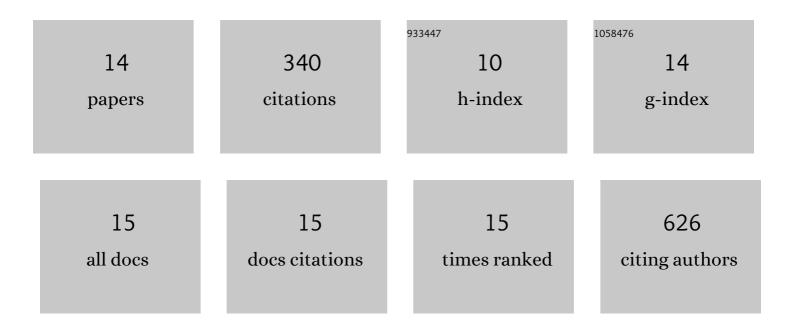
## Adam Katolik

List of Publications by Year in descending order

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ΔΟΛΜ ΚΑΤΟΙΙΚ

#	Article	IF	CITATIONS
1	Metal content and kinetic properties of yeast RNA lariat debranching enzyme Dbr1. Rna, 2022, 28, 927-936.	3.5	3
2	Design and enhanced gene silencing activity of spherical 2′-fluoroarabinose nucleic acids (FANA-SNAs). Chemical Science, 2021, 12, 2993-3003.	7.4	15
3	Substrate analogs that trap the 2′-phospho-ADP-ribosylated RNA intermediate of the Tpt1 (tRNA) Tj ETQq1 1 0	.784314 r 3.5	rggT /Overlo
4	Effect of 2â€2-5â€2/3â€2-5â€2 phosphodiester linkage heterogeneity on RNA interference. Nucleic Acids Research 2020, 48, 4643-4657.	<sup>l,</sup> 14.5	15
5	Compatibility of 5-ethynyl-2′F-ANA UTP with <i>in vitro</i> selection for the generation of base-modified, nuclease resistant aptamers. Organic and Biomolecular Chemistry, 2019, 17, 8083-8087.	2.8	12
6	Inborn Errors of RNA Lariat Metabolism in Humans with Brainstem Viral Infection. Cell, 2018, 172, 952-965.e18.	28.9	92
7	Fluorescent Branched RNAs for High-Throughput Analysis of Dbr1 Enzyme Kinetics and Inhibition. ACS Chemical Biology, 2017, 12, 622-627.	3.4	8
8	2′βâ€Fluoroâ€Tricyclo Nucleic Acids (2′Fâ€ŧcâ€ANA): Thermal Duplex Stability, Structural Studies, and RNa Activation. Chemistry - A European Journal, 2017, 23, 10310-10318.	seâ§…H	11
9	Metal dependence and branched RNA cocrystal structures of the RNA lariat debranching enzyme Dbr1. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 14727-14732.	7.1	24
10	Design, Synthesis, and Properties of Phosphoramidate 2′,5′-Linked Branched RNA: Toward the Rational Design of Inhibitors of the RNA Lariat Debranching Enzyme. Journal of Organic Chemistry, 2015, 80, 10108-10118.	3.2	5
11	Structural basis of lariat RNA recognition by the intron debranching enzyme Dbr1. Nucleic Acids Research, 2014, 42, 10845-10855.	14.5	42
12	A homolog of lariat-debranching enzyme modulates turnover of branched RNA. Rna, 2014, 20, 1337-1348.	3.5	34
13	Regiospecific Solid-Phase Synthesis of Branched Oligoribonucleotides That Mimic Intronic Lariat RNA Intermediates. Journal of Organic Chemistry, 2014, 79, 963-975.	3.2	22
14	Studies on the hydrolytic stability of 2′-fluoroarabinonucleic acid (2′F-ANA). Organic and Biomolecular Chemistry, 2009, 7, 1904.	2.8	54