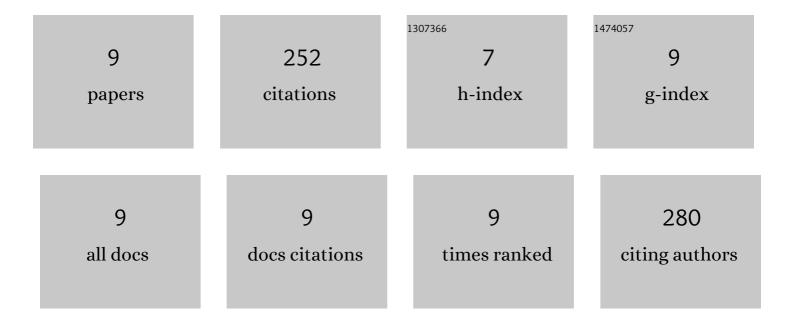
Karol Pasternak

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	The influence of locked nucleic acid residues on the thermodynamic properties of 2'-O-methyl RNA/RNA heteroduplexes. Nucleic Acids Research, 2005, 33, 5082-5093.	6.5	104
2	Contributions of Stacking, Preorganization, and Hydrogen Bonding to the Thermodynamic Stability of Duplexes between RNA and 2′- <i>O</i> -Methyl RNA with Locked Nucleic Acids. Biochemistry, 2009, 48, 4377-4387.	1.2	43
3	A chemical synthesis of LNA-2,6-diaminopurine riboside, and the influence of 2′-O-methyl-2,6-diaminopurine and LNA-2,6-diaminopurine ribosides on the thermodynamic properties of 2′-O-methyl RNA/RNA heteroduplexes. Nucleic Acids Research, 2007, 35, 4055-4063.	6.5	34
4	The Thermodynamics of 3â€~-Terminal Pyrene and Guanosine for the Design of Isoenergetic 2â€~-O-Methyl-RNA-LNA Chimeric Oligonucleotide Probes of RNA Structure. Biochemistry, 2008, 47, 1249-1258.	1.2	25
5	A Locked Nucleic Acid-Based Nanocrawler: Designed and Reversible Movement Detected by Multicolor Fluorescence. Journal of the American Chemical Society, 2013, 135, 2423-2426.	6.6	21
6	Photoligation of self-assembled DNA constructs containing anthracene-functionalized 2′-amino-LNA monomers. Bioorganic and Medicinal Chemistry, 2011, 19, 7407-7415.	1.4	11
7	Unraveling the structural basis for the exceptional stability of RNA G-quadruplexes capped by a uridine tetrad at the $3\hat{a}\in^2$ terminus. Rna, 2019, 25, 121-134.	1.6	8
8	The origin of the high stability of 3′-terminal uridine tetrads: contributions of hydrogen bonding, stacking interactions, and steric factors evaluated using modified oligonucleotide analogs. Rna, 2020, 26, 2000-2016.	1.6	3
9	Amino-functional Silsesquioxanes (POSS)-Effective Glass Surface Modifiers in Solidphase Nucleic Acid Synthesis. Current Organic Chemistry, 2017, 21, .	0.9	3