

# Dorota Gudanis

## List of Publications by Year in descending order

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14  
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times ranked

681  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of functional tetramolecular RNA G-quadruplexes derived from transfer RNAs. <i>Nature Communications</i> , 2017, 8, 1127.	12.8	152
2	Distinctive structural motifs of RNA G-quadruplexes composed of AGG, CGG and UGG trinucleotide repeats. <i>Nucleic Acids Research</i> , 2014, 42, 10196-10207.	14.5	58
3	Overview of RNA G-quadruplex structures. <i>Acta Biochimica Polonica</i> , 2017, 63, 609-621.	0.5	42
4	Mature MiRNAs Form Secondary Structure, which Suggests Their Function beyond RISC. <i>PLoS ONE</i> , 2014, 9, e113848.	2.5	41
5	Structural characterization of a dimer of RNA duplexes composed of 8-bromoguanosine modified CGG trinucleotide repeats: a novel architecture of RNA quadruplexes. <i>Nucleic Acids Research</i> , 2016, 44, 2409-2416.	14.5	22
6	Effects of G-quadruplex topology on translational inhibition by tRNA fragments in mammalian and plant systems in vitro. <i>International Journal of Biochemistry and Cell Biology</i> , 2017, 92, 148-154.	2.8	21
7	Thermodynamic Features of Structural Motifs Formed by $\hat{I}^2$ -L-RNA. <i>PLoS ONE</i> , 2016, 11, e0149478.	2.5	20
8	How to study G-quadruplex structures. <i>Biotechnologia</i> , 2012, 4, 381-390.	0.9	18
9	RNA and DNA G-quadruplexes bind to human dicer and inhibit its activity. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 3709-3724.	5.4	10
10	Formation of an RNA Quadruplex-Duplex Hybrid in Living Cells between mRNA of the Epidermal Growth Factor Receptor (EGFR) and a G-Rich Antisense Oligoribonucleotide. <i>Cells</i> , 2020, 9, 2375.	4.1	6
11	Dynamics of dehaloperoxidase-hemoglobin A derived from NMR relaxation spectroscopy and molecular dynamics simulation. <i>Journal of Inorganic Biochemistry</i> , 2018, 181, 65-73.	3.5	5
12	Cyclo(Pro-DOPA), a third identified bioactive metabolite produced by <i>Streptomyces</i> sp. 8812. <i>Journal of Antibiotics</i> , 2018, 71, 757-761.	2.0	3
13	The model structure of the hammerhead ribozyme formed by RNAs of reciprocal chirality. <i>Bioscience Reports</i> , 2021, 41, .	2.4	0
14	Impact of a Single Nucleotide Change or Non-Nucleoside Modifications in G-Rich Region on the Quadruplex-Duplex Hybrid Formation. <i>Biomolecules</i> , 2021, 11, 1236.	4.0	0