

# Muslum Igu

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

370  
citations

1163117

8  
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1199594

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docs citations

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682  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ligands with polyfluorophenyl moieties promote a local structural rearrangement in the Spinach2 and Broccoli aptamers that increases ligand affinities. <i>Rna</i> , 2022, 28, 865-877.	3.5	1
2	Aptamer Applications in Neuroscience. <i>Pharmaceuticals</i> , 2021, 14, 1260.	3.8	12
3	Sampling Performance of Multiple Independent Molecular Dynamics Simulations of an RNA Aptamer. <i>ACS Omega</i> , 2020, 5, 20187-20201.	3.5	10
4	Common Secondary and Tertiary Structural Features of Aptamer-Ligand Interaction Shared by RNA Aptamers with Different Primary Sequences. <i>Molecules</i> , 2019, 24, 4535.	3.8	6
5	Aptamer-enabled uptake of small molecule ligands. <i>Scientific Reports</i> , 2018, 8, 15712.	3.3	5
6	IMAGETags. <i>Methods in Enzymology</i> , 2016, 572, 193-213.	1.0	1
7	Specificity and Ligand Affinities of the Cocaine Aptamer: Impact of Structural Features and Physiological NaCl. <i>Analytical Chemistry</i> , 2016, 88, 7715-7723.	6.5	36
8	Aptamers in analytics. <i>Analyst, The</i> , 2016, 141, 1551-1568.	3.5	185
9	Light-up and FRET aptamer reporters; evaluating their applications for imaging transcription in eukaryotic cells. <i>Methods</i> , 2016, 98, 26-33.	3.8	36
10	Live-cell imaging of Pol II promoter activity to monitor gene expression with RNA IMAGETag reporters. <i>Nucleic Acids Research</i> , 2014, 42, e90-e90.	14.5	39
11	An adaptable pentaloop defines a robust neomycin-B RNA aptamer with conditional ligand-bound structures. <i>Rna</i> , 2014, 20, 815-824.	3.5	12
12	Investigating the malleability of RNA aptamers. <i>Methods</i> , 2013, 63, 178-187.	3.8	14
13	Imaging promoter activity to monitor gene expression using Intracellular Multiaptamer Genetic tag (IMAGETag). <i>FASEB Journal</i> , 2013, 27, 576.3.	0.5	0
14	Aptamers for Diagnostics with Applications for Infectious Diseases. , 0, , .		11