

# Guanhui Wu

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

596  
citations

840776

11  
h-index

1058476

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

677  
citing authors

#	ARTICLE	IF	CITATIONS
1	A New G-Quadruplex with Hairpin Loop Immediately Upstream of the Human BCL2 P1 Promoter Modulates Transcription. <i>Journal of the American Chemical Society</i> , 2016, 138, 2563-2570.	13.7	103
2	DDX5 helicase resolves G-quadruplex and is involved in <i>MYC</i> gene transcriptional activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 20453-20461.	7.1	85
3	The Consequences of Overlapping G-Quadruplexes and i-Motifs in the Platelet-Derived Growth Factor Receptor $\beta^2$ Core Promoter Nuclease Hypersensitive Element Can Explain the Unexpected Effects of Mutations and Provide Opportunities for Selective Targeting of Both Structures by Small Molecules To Downregulate Gene Expression. <i>Journal of the American Chemical Society</i> , 2017, 139, 7456-7475.	13.7	77
4	Molecular Recognition of the Hybrid $\beta^2$ Human Telomeric G-Quadruplex by Epiberberine: Insights into Conversion of Telomeric G-Quadruplex Structures. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10888-10893.	13.8	74
5	Indenoisoquinoline Topoisomerase Inhibitors Strongly Bind and Stabilize the <i>MYC</i> Promoter G-Quadruplex and Downregulate <i>MYC</i> . <i>Journal of the American Chemical Society</i> , 2019, 141, 11059-11070.	13.7	66
6	PDGFR- $\beta^2$ Promoter Forms a Vacancy G-Quadruplex that Can Be Filled in by dGMP: Solution Structure and Molecular Recognition of Guanine Metabolites and Drugs. <i>Journal of the American Chemical Society</i> , 2020, 142, 5204-5211.	13.7	40
7	Custom DNA Microarrays Reveal Diverse Binding Preferences of Proteins and Small Molecules to Thousands of G-Quadruplexes. <i>ACS Chemical Biology</i> , 2020, 15, 925-935.	3.4	39
8	Structures of 1:1 and 2:1 complexes of BMVC and MYC promoter G-quadruplex reveal a mechanism of ligand conformation adjustment for G4-recognition. <i>Nucleic Acids Research</i> , 2019, 47, 11931-11942.	14.5	35
9	RNA helicase DDX5 enables STAT1 mRNA translation and interferon signalling in hepatitis B virus replicating hepatocytes. <i>Gut</i> , 2022, 71, 991-1005.	12.1	23
10	Custom G4 Microarrays Reveal Selective G-Quadruplex Recognition of Small Molecule BMVC: A Large-Scale Assessment of Ligand Binding Selectivity. <i>Molecules</i> , 2020, 25, 3465.	3.8	16
11	Molecular Recognition of the Hybrid-Type G-Quadruplexes in Human Telomeres. <i>Molecules</i> , 2019, 24, 1578.	3.8	13
12	Molecular Recognition of the Hybrid $\beta^2$ Human Telomeric G-Quadruplex by Epiberberine: Insights into Conversion of Telomeric G-Quadruplex Structures. <i>Angewandte Chemie</i> , 2018, 130, 11054-11059.	2.0	11
13	Electrophoretic Mobility Shift Assay and Dimethyl Sulfate Footprinting for Characterization of G-Quadruplexes and G-Quadruplex-Protein Complexes. <i>Methods in Molecular Biology</i> , 2019, 2035, 201-222.	0.9	6
14	A DNA Polymerase Stop Assay for Characterization of G-Quadruplex Formation and Identification of G-Quadruplex-Interactive Compounds. <i>Methods in Molecular Biology</i> , 2019, 2035, 223-231.	0.9	6