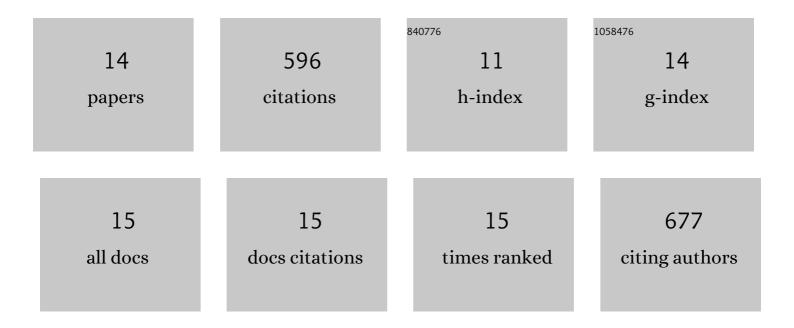
Guanhui Wu

List of Publications by Year in descending order

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Спульны Мл

#	Article	IF	CITATIONS
1	A New G-Quadruplex with Hairpin Loop Immediately Upstream of the Human BCL2 P1 Promoter Modulates Transcription. Journal of the American Chemical Society, 2016, 138, 2563-2570.	13.7	103
2	DDX5 helicase resolves G-quadruplex and is involved in <i>MYC</i> gene transcriptional activation. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 20453-20461.	7.1	85
3	The Consequences of Overlapping G-Quadruplexes and i-Motifs in the Platelet-Derived Growth Factor Receptor Î 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, Journal of the American Chemical Society, 2017, 139, 7456-7475.	13.7	77
4	Molecular Recognition of the Hybridâ€2 Human Telomeric Gâ€Quadruplex by Epiberberine: Insights into Conversion of Telomeric Gâ€Quadruplex Structures. Angewandte Chemie - International Edition, 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> . Journal of the American Chemical Society, 2019, 141, 11059-11070.	13.7	66
6	PDGFR-Î ² Promoter Forms a Vacancy G-Quadruplex that Can Be Filled in by dGMP: Solution Structure and Molecular Recognition of Guanine Metabolites and Drugs. Journal of the American Chemical Society, 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. ACS Chemical Biology, 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. Nucleic Acids Research, 2019, 47, 11931-11942.	14.5	35
9	RNA helicase DDX5 enables STAT1 mRNA translation and interferon signalling in hepatitis B virus replicating hepatocytes. Gut, 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. Molecules, 2020, 25, 3465.	3.8	16
11	Molecular Recognition of the Hybrid-Type G-Quadruplexes in Human Telomeres. Molecules, 2019, 24, 1578.	3.8	13
12	Molecular Recognition of the Hybridâ€2 Human Telomeric Gâ€Quadruplex by Epiberberine: Insights into Conversion of Telomeric Gâ€Quadruplex Structures. Angewandte Chemie, 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. Methods in Molecular Biology, 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. Methods in Molecular Biology, 2019, 2035, 223-231.	0.9	6