

Yu-hua Hao

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

920
citations

516710

16
h-index

552781

26
g-index

27
all docs

27
docs citations

27
times ranked

830
citing authors

#	ARTICLE	IF	CITATIONS
1	Co-transcriptional formation of DNA:RNA hybrid G-quadruplex and potential function as constitutional cis element for transcription control. <i>Nucleic Acids Research</i> , 2013, 41, 5533-5541.	14.5	102
2	Detection of genomic G-quadruplexes in living cells using a small artificial protein. <i>Nucleic Acids Research</i> , 2020, 48, 11706-11720.	14.5	100
3	Guanine-vacancy-bearing G-quadruplexes responsive to guanine derivatives. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 14581-14586.	7.1	97
4	Mechanism and Manipulation of DNA:RNA Hybrid G-Quadruplex Formation in Transcription of G-Rich DNA. <i>Journal of the American Chemical Society</i> , 2014, 136, 1381-1390.	13.7	63
5	DNA G-quadruplex formation in response to remote downstream transcription activity: long-range sensing and signal transducing in DNA double helix. <i>Nucleic Acids Research</i> , 2013, 41, 7144-7152.	14.5	60
6	Bioinformatic analysis reveals an evolutionary selection for DNA:RNA hybrid G-quadruplex structures as putative transcription regulatory elements in warm-blooded animals. <i>Nucleic Acids Research</i> , 2013, 41, 10379-10390.	14.5	59
7	A competitive formation of DNA:RNA hybrid G-quadruplex is responsible to the mitochondrial transcription termination at the DNA replication priming site. <i>Nucleic Acids Research</i> , 2014, 42, 10832-10844.	14.5	56
8	G-Quadruplex Hinders Translocation of BLM Helicase on DNA: A Real-Time Fluorescence Spectroscopic Unwinding Study and Comparison with Duplex Substrates. <i>Journal of the American Chemical Society</i> , 2010, 132, 10521-10527.	13.7	55
9	Formation of DNA:RNA Hybrid G-Quadruplex in Bacterial Cells and Its Dominance over the Intramolecular DNA G-Quadruplex in Mediating Transcription Termination. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 2447-2451.	13.8	47
10	Superhelicity Constrains a Localized and R-Loop-Dependent Formation of G-Quadruplexes at the Upstream Region of Transcription. <i>ACS Chemical Biology</i> , 2017, 12, 2609-2618.	3.4	33
11	An exonuclease I hydrolysis assay for evaluating G-quadruplex stabilization by small molecules. <i>Nucleic Acids Research</i> , 2007, 35, e68-e68.	14.5	30
12	Formation of DNA:RNA Hybrid G-Quadruplexes of Two G-Quartet Layers in Transcription: Expansion of the Prevalence and Diversity of G-Quadruplexes in Genomes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13110-13114.	13.8	29
13	Selective Targeting of Guanine-Vacancy-Bearing G-Quadruplexes by G-Quartet Complementation and Stabilization with a Guanine-peptide Conjugate. <i>Journal of the American Chemical Society</i> , 2020, 142, 11394-11403.	13.7	29
14	G-quadruplex structural variations in human genome associated with single-nucleotide variations and their impact on gene activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	28
15	Exceptionally Selective and Tunable Sensing of Guanine Derivatives and Analogues by Structural Complementation in a G-Quadruplex. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 13759-13764.	13.8	21
16	Real-Time Detection Reveals Responsive Cotranscriptional Formation of Persistent Intramolecular DNA and Intermolecular DNA:RNA Hybrid G-Quadruplexes Stabilized by R-Loop. <i>Analytical Chemistry</i> , 2017, 89, 6036-6042.	6.5	19
17	Transmission of dynamic supercoiling in linear and multi-way branched DNAs and its regulation revealed by a fluorescent G-quadruplex torsion sensor. <i>Nucleic Acids Research</i> , 2018, 46, 7418-7424.	14.5	17
18	Strand-Biased Formation of G-Quadruplexes in DNA Duplexes Transcribed with T7 RNA Polymerase. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 8992-8996.	13.8	13

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19	DNA:RNA hybrid G-quadruplex formation upstream of transcription start site. <i>Scientific Reports</i> , 2020, 10, 7429.	3.3	12
20	RNA G-quadruplex formation in defined sequence in living cells detected by bimolecular fluorescence complementation. <i>Chemical Science</i> , 2016, 7, 4573-4581.	7.4	11
21	Kinetics, conformation, stability, and targeting of G-quadruplexes from a physiological perspective. <i>Biochemical and Biophysical Research Communications</i> , 2020, 531, 84-87.	2.1	11
22	Exceptionally Selective and Tunable Sensing of Guanine Derivatives and Analogues by Structural Complementation in a G-Quadruplex. <i>Angewandte Chemie</i> , 2016, 128, 13963-13968.	2.0	8
23	Formation of DNA:RNA Hybrid G-Quadruplex in Bacterial Cells and Its Dominance over the Intramolecular DNA G-Quadruplex in Mediating Transcription Termination. <i>Angewandte Chemie</i> , 2015, 127, 2477-2481.	2.0	4
24	One-Step High-Throughput Telomerase Activity Measurement of Cell Populations, Single Cells, and Single-Enzyme Complexes. <i>ACS Omega</i> , 2020, 5, 24666-24673.	3.5	2