

Guo-Hua Xu

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

645
citations

623734

14
h-index

794594

19
g-index

21
all docs

21
docs citations

21
times ranked

915
citing authors

#	ARTICLE	IF	CITATIONS
1	A highly conserved G-rich consensus sequence in hepatitis C virus core gene represents a new anti-hepatitis C target. <i>Science Advances</i> , 2016, 2, e1501535.	10.3	112
2	Chemical Targeting of a G-Quadruplex RNA in the Ebola Virus L Gene. <i>Cell Chemical Biology</i> , 2016, 23, 1113-1122.	5.2	107
3	Binding of cellular nucleolin with the viral core RNA G-quadruplex structure suppresses HCV replication. <i>Nucleic Acids Research</i> , 2019, 47, 56-68.	14.5	61
4	Structure-guided post-SELEX optimization of an ochratoxin A aptamer. <i>Nucleic Acids Research</i> , 2019, 47, 5963-5972.	14.5	51
5	DNA quadruplexes as molecular scaffolds for controlled assembly of fluorogens with aggregation-induced emission. <i>Chemical Science</i> , 2018, 9, 2559-2566.	7.4	38
6	Structural Insights into the Mechanism of High-Affinity Binding of Ochratoxin A by a DNA Aptamer. <i>Journal of the American Chemical Society</i> , 2022, 144, 7731-7740.	13.7	36
7	Magnetic Resonance Spectroscopy as a Tool for Assessing Macromolecular Structure and Function in Living Cells. <i>Annual Review of Analytical Chemistry</i> , 2017, 10, 157-182.	5.4	35
8	Reversible manipulation of the G-quadruplex structures and enzymatic reactions through supramolecular host-guest interactions. <i>Nucleic Acids Research</i> , 2017, 45, gkx025.	14.5	32
9	A Reaction-Based Colorimetric Fluoride Probe: Rapid "Naked-Eye" Detection and Large Absorption Shift. <i>ChemPlusChem</i> , 2012, 77, 908-913.	2.8	24
10	Strategies for Protein NMR in <i>Escherichia coli</i> . <i>Biochemistry</i> , 2014, 53, 1971-1981.	2.5	24
11	Labeling Strategy and Signal Broadening Mechanism of Protein NMR Spectroscopy in <i>Xenopus laevis</i> Oocytes. <i>Chemistry - A European Journal</i> , 2015, 21, 8686-8690.	3.3	23
12	Using an isolation chromophore to further improve the comprehensive performance of nonlinear optical (NLO) dendrimers. <i>Journal of Materials Chemistry C</i> , 2013, 1, 3226.	5.5	21
13	Ca ²⁺ modulating β -synuclein membrane transient interactions revealed by solution NMR spectroscopy. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2014, 1838, 853-858.	2.6	21
14	Confinement Alters the Structure and Function of Calmodulin. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 530-534.	13.8	10
15	NMR backbone resonance assignment of New Delhi metallo-beta-lactamase. <i>Biomolecular NMR Assignments</i> , 2017, 11, 239-242.	0.8	7
16	The Effects of Macromolecular Crowding on Calmodulin Structure and Function. <i>Chemistry - A European Journal</i> , 2017, 23, 6736-6740.	3.3	5
17	Confinement Alters the Structure and Function of Calmodulin. <i>Angewandte Chemie</i> , 2017, 129, 545-549.	2.0	5
18	Lanmodulin remains unfolded and fails to interact with lanthanide ions in <i>Escherichia coli</i> cells. <i>Chemical Communications</i> , 2022, 58, 8230-8233.	4.1	2

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19	Frontispiece: Labeling Strategy and Signal Broadening Mechanism of Protein NMR Spectroscopy in <i>Xenopus laevis</i> Oocytes. <i>Chemistry - A European Journal</i> , 2015, 21, n/a-n/a.	3.3	0
20	Backbone resonance assignment of PDI b'xa' domain construct. <i>Biomolecular NMR Assignments</i> , 2021, 15, 409-413.	0.8	0