Zhiyong He

List of Publications by Year
in descending order

22	383	840776 11	794594 19
papers	citations	h-index	g-index

22	22	22	639
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	6-Iodopurine as a Versatile Building Block for RNA Purine Architecture Modifications. Bioconjugate Chemistry, 2022, 33, 353-362.	3.6	6
2	Enantioselective Dielsâ€“Alder reactions with left-handed G-quadruplex DNA-based catalysts. Chinese Chemical Letters, 2021, 32, 1701-1704.	9.0	4
3	Copper (II) synergistic AS1411 conjunction with chemical decaging reactions for selective fluorescence imaging and prodrug activation in living systems. Sensors and Actuators B: Chemical, 2021, 349, 130773.	7.8	0
4	Systematic investigation of bioorthogonal cellular DNA metabolic labeling in a photo-controlled manner. Chinese Chemical Letters, 2020, 31, 1104-1108.	9.0	3
5	Selective Chemical Labeling and Sequencing of 5-Carboxylcytosine in DNA at Single-Base Resolution. Analytical Chemistry, 2020, 92, 12710-12715.	6.5	3
6	Acrylonitrileâ€Mediated Nascent RNA Sequencing for Transcriptomeâ€Wide Profiling of Cellular RNA Dynamics. Advanced Science, 2020, 7, 1900997.	11.2	15
7	Metabolic Labeling and Imaging of Cellular RNA via Bioorthogonal Cyclopropeneâ^'Tetrazine Ligation. CCS Chemistry, 2020, 2, 89-97.	7.8	14
8	Photostable lysosomal imaging of living cell with hyperspectral stimulated Raman scattering microscopy using a probe based on bisarylbutadiyne. Chinese Chemical Letters, 2019, 30, 1393-1396.	9.0	8
9	Precise Antibody-Independent m6A Identification via 4SedTTP-Involved and FTO-Assisted Strategy at Single-Nucleotide Resolution. Journal of the American Chemical Society, 2018, 140, 5886-5889.	13.7	63
10	Reversible photoregulation of DNA B-Z transition by a photochromic nucleoside. Sensors and Actuators B: Chemical, 2018, 255, 2151-2154.	7.8	6
11	Small Unnatural Amino Acid Carried Raman Tag for Molecular Imaging of Genetically Targeted Proteins. Journal of Physical Chemistry Letters, 2018, 9, 4679-4685.	4.6	34
12	A highly efficient fluorescence-based switch-on detection method of 5-formyluracil in DNA. Nano Research, 2017, 10, 2449-2458.	10.4	27
13	Reversible manipulation of the G-quadruplex structures and enzymatic reactions through supramolecular hostâ€“guest interactions. Nucleic Acids Research, 2017, 45, gkx025.	14.5	32
14	Application of Ammonium Persulfate for Selective Oxidation of Guanines for Nucleic Acid Sequencing. Molecules, 2017, 22, 1222.	3.8	1
15	Simultaneous and Sensitive Detection of Multisite 5-Methylcytosine Including Non-CpG Sites at Single-5mC-Resolution. Analytical Chemistry, 2016, 88, 10547-10551.	6.5	10
16	pH-controlled DNAzymes: Rational design and their applications in DNA-machinery devices. Nano Research, 2016, 9, 3084-3092.	10.4	11
17	A rapidly photo-activatable light-up fluorescent nucleoside and its application in DNA base variation sensing. Chemical Communications, 2016, 52, 8545-8548.	4.1	14
18	Enantioselective Dielsâ€“Alder reactions using a G-triplex DNA-based catalyst. Catalysis Communications, 2016, 74, 16-18.	3.3	23

#	Article	IF	Citations
19	A novel resorufin based fluorescent â€œturn-onâ€•probe for the selective detection of hydrazine and application in living cells. Chinese Chemical Letters, 2016, 27, 540-544.	9.0	33
20	Small-Molecule-Triggered and Light-Controlled Reversible Regulation of Enzymatic Activity. Journal of the American Chemical Society, 2016, 138, 955-961.	13.7	54
21	N⁶-Hydroperoxymethyladenosine: a new intermediate of chemical oxidation of N⁶-methyladenosine mediated by bicarbonate-activated hydrogen peroxide. Chemical Science, 2015, 6, 3013-3017.	7.4	14
22	Qualitative and quantitative detection of methylation at CpG sites using the fluorescein-dGTP incorporated asymmetric PCR assay strategy. Chemical Communications, 2014, 50, 6653-6655.	4.1	8