

Tianhu Li

List of Publications by Year in descending order

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36
papers

1,041
citations

567281

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32
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42
docs citations

42
times ranked

1395
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrasensitive and Selective Colorimetric DNA Detection by Nicking Endonuclease Assisted Nanoparticle Amplification. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 6849-6852.	13.8	367
2	Ultrasensitive Colorimetric DNA Detection using a Combination of Rolling Circle Amplification and Nicking Endonuclease Assisted Nanoparticle Amplification (NEANA). <i>Small</i> , 2012, 8, 1846-1850.	10.0	110
3	Colorimetric Detection of HIV-1 Ribonuclease H Activity by Gold Nanoparticles. <i>Small</i> , 2011, 7, 1393-1396.	10.0	65
4	Graphene Quantum Dot-Based Nanocomposites for Diagnosing Cancer Biomarker APE1 in Living Cells. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 13634-13643.	8.0	58
5	Versatile Types of DNA-Based Nanobiosensors for Specific Detection of Cancer Biomarker FEN1 in Living Cells and Cell-Free Systems. <i>Nano Letters</i> , 2018, 18, 7383-7388.	9.1	57
6	Enrichment of omega-3 fatty acids in cod liver oil via alternate solvent winterization and enzymatic interesterification. <i>Food Chemistry</i> , 2016, 199, 364-371.	8.2	35
7	Buckyball-Based Spherical Display of Crown Ethers for <i>De Novo</i> Custom Design of Ion Transport Selectivity. <i>Journal of the American Chemical Society</i> , 2020, 142, 21082-21090.	13.7	35
8	Cancer Biomarker-Triggered Disintegrable DNA Nanogels for Intelligent Drug Delivery. <i>Nano Letters</i> , 2020, 20, 8399-8407.	9.1	33
9	EcoRI Modified Gold Nanoparticles for Dual-Mode Colorimetric Detection of Magnesium and Pyrophosphate Ions. <i>Small</i> , 2011, 7, 1987-1992.	10.0	32
10	Octahedral ruthenium complexes selectively stabilize G-quadruplexes. <i>Chemical Communications</i> , 2016, 52, 8095-8098.	4.1	24
11	The chemical end-ligation of homopyrimidine oligodeoxyribonucleotides within a DNA triple helix. <i>Chemistry and Biology</i> , 1997, 4, 209-214.	6.0	23
12	Chemical and enzymatic synthesis of a library of 2-phenethyl esters and their sensory attributes. <i>Food Chemistry</i> , 2014, 154, 205-210.	8.2	20
13	DNA Binding and Cleavage Modes of Shishijimicin A. <i>Journal of the American Chemical Society</i> , 2019, 141, 7842-7852.	13.7	20
14	Enhancing K ⁺ transport activity and selectivity of synthetic K ⁺ channels <i>via</i> electron-donating effects. <i>Chemical Communications</i> , 2020, 56, 1211-1214.	4.1	20
15	Small Molecule-Based Highly Active and Selective K ⁺ Transporters with Potent Anticancer Activities. <i>Nano Letters</i> , 2021, 21, 1384-1391.	9.1	18
16	DNA gyrase-driven generation of a G-quadruplex from plasmid DNA. <i>Chemical Communications</i> , 2013, 49, 8317.	4.1	14
17	Investigation of human flap structure-specific endonuclease 1 (FEN1) activity on primer-template models and exploration of a substrate-based FEN1 inhibitor. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 1988-1992.	3.0	13
18	Chemical modifications of ricinolein in castor oil and methyl ricinoleate for viscosity reduction to facilitate their use as biodiesels. <i>European Journal of Lipid Science and Technology</i> , 2016, 118, 651-657.	1.5	11

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19	Precise engineering and visualization of signs and magnitudes of DNA writhe on the basis of PNA invasion. <i>Chemical Communications</i> , 2011, 47, 10695.	4.1	10
20	Positive supercoiling affiliated with nucleosome formation repairs non-B DNA structures. <i>Chemical Communications</i> , 2014, 50, 10641.	4.1	10
21	Manipulating DNA writhe through varying DNA sequences. <i>Chemical Communications</i> , 2011, 47, 7479.	4.1	9
22	Aza-bridged bisphenanthrolyl Pt(II) complexes: Efficient stabilization and topological selectivity on telomeric G-quadruplexes. <i>Journal of Inorganic Biochemistry</i> , 2017, 166, 135-140.	3.5	9
23	Disintegration of cruciform and G-quadruplex structures during the course of helicase-dependent amplification (HDA). <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 1709-1714.	2.2	7
24	Effects of spermidine and ATP on stabilities of chromatosomes and histone H1-depleted chromatosomes. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 1149-1153.	2.2	6
25	Observation of backbone self-crossings of organismal DNAs through atomic force microscopy. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 833-836.	2.2	5
26	Functional monoesters of jojoba oil can be produced by enzymatic interesterification: Reaction analysis and structural characterization. <i>European Journal of Lipid Science and Technology</i> , 2015, 117, 630-636.	1.5	5
27	Design and synthesis of 1,3-dicapryloyl-2-acetyl-glycerol as molecular probe for triacylglycerol metabolism study. <i>European Journal of Lipid Science and Technology</i> , 2013, 115, 232-238.	1.5	4
28	Presence of negative supercoiling in aggregates of histone H1-plasmidic polynucleosome complexes. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 168-170.	2.2	4
29	Confirmation of quinolone-induced formation of gyrase-DNA conjugates using AFM. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 4622-4626.	2.2	3
30	Quantitative determination of linking number differences between circular polynucleosomes and histone H1-bound circular polynucleosomes. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 537-540.	2.2	3
31	Tricking enzymes in living cells: a mechanism-based strategy for design of DNA topoisomerase biosensors. <i>Journal of Nanobiotechnology</i> , 2021, 19, 407.	9.1	3
32	In-stem thiazole orange reveals the same triplex intermediate for pH and thermal unfolding of i-motifs. <i>Chemical Communications</i> , 2016, 52, 7261-7264.	4.1	1
33	Dataset on the effects of spermidine on linking number differences between histone H1-free and histone H1-bound circular polynucleosomes. <i>Data in Brief</i> , 2018, 17, 709-715.	1.0	1
34	Dumbbell-shaped Circular Oligonucleotides as Inhibitors of Human Topoisomerase I. <i>FASEB Journal</i> , 2008, 22, 593.4.	0.5	1
35	Gold Nanoparticles: Colorimetric Detection of HIV-1 Ribonuclease H Activity by Gold Nanoparticles (Small 10/2011). <i>Small</i> , 2011, 7, 1392-1392.	10.0	0
36	Computation-guided improved one-pot synthesis of macrocyclic cation-binding aromatic pyridone pentamers. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 9961-9965.	2.8	0