

Xiaohong Tan

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,138
citations

687363

13
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

1989
citing authors

#	ARTICLE	IF	CITATIONS
1	Lysine Acetylation Is a Highly Abundant and Evolutionarily Conserved Modification in Escherichia Coli. <i>Molecular and Cellular Proteomics</i> , 2009, 8, 215-225.	3.8	450
2	A Dual Platform for Selective Analyte Enrichment and Ionization in Mass Spectrometry Using Aptamer-Conjugated Graphene Oxide. <i>Journal of the American Chemical Society</i> , 2010, 132, 17408-17410.	13.7	192
3	Semiquantification of ATP in Live Cells Using Nonspecific Desorption of DNA from Graphene Oxide as the Internal Reference. <i>Analytical Chemistry</i> , 2012, 84, 8622-8627.	6.5	109
4	Fluoromodules Consisting of a Promiscuous RNA Aptamer and Red or Blue Fluorogenic Cyanine Dyes: Selection, Characterization, and Bioimaging. <i>Journal of the American Chemical Society</i> , 2017, 139, 9001-9009.	13.7	88
5	Label-free Molecular Beacons for Biomolecular Detection. <i>Analytical Chemistry</i> , 2014, 86, 10864-10869.	6.5	73
6	Ultrasmall metal nanoclusters for bio-related applications. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2013, 5, 569-581.	6.1	51
7	Bioinspired synthesis of Ag@TiO ₂ plasmonic nanocomposites to enhance the light harvesting of dye-sensitized solar cells. <i>RSC Advances</i> , 2013, 3, 18587.	3.6	29
8	Molecular Beacon Aptamers for Direct and Universal Quantitation of Recombinant Proteins from Cell Lysates. <i>Analytical Chemistry</i> , 2012, 84, 8272-8276.	6.5	27
9	A Simple Method for Preparing Peptide C-terminal Thioacids and Their Application in Sequential Chemoenzymatic Ligation. <i>ChemBioChem</i> , 2008, 9, 1052-1056.	2.6	24
10	Closing the Loop: Constraining TAT Peptide by ³ PNA Hairpin for Enhanced Cellular Delivery of Biomolecules. <i>Bioconjugate Chemistry</i> , 2018, 29, 2892-2898.	3.6	21
11	An Enzymatic Approach to the Synthesis of Peptide Thioesters: Mechanism and Scope. <i>ChemBioChem</i> , 2007, 8, 1512-1515.	2.6	16
12	DNA assembled single-walled carbon nanotube nanocomposites for high efficiency dye-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2013, 1, 11070.	10.3	15
13	Facilitating Subtiligase-Catalyzed Peptide Ligation Reactions by Using Peptide Thioester Substrates. <i>Organic Letters</i> , 2018, 20, 6691-6694.	4.6	15
14	Aptamers Act as Activators for the Thrombin Mediated Hydrolysis of Peptide Substrates. <i>ChemBioChem</i> , 2014, 15, 205-208.	2.6	12
15	Subtiligase as a hydrothiolase for the synthesis of peptide thioacids. <i>Tetrahedron Letters</i> , 2008, 49, 2891-2894.	1.4	7
16	A universal DNA aptamer as an efficient inhibitor against spike-protein/hACE2 interactions. <i>Chemical Communications</i> , 0, , .	4.1	4
17	Efficient Cytoplasmic Delivery of Antisense Probes Assisted by Cyclized Peptide-Mediated Photoinduced Endosomal Escape. <i>ChemBioChem</i> , 2019, 20, 727-733.	2.6	3
18	Investigating Glyoxylate-Mediated Transamination Using Dipeptide Arrays and Proteomic Peptide Mixtures. <i>Bioconjugate Chemistry</i> , 2018, 29, 3285-3292.	3.6	1

#	ARTICLE	IF	CITATIONS
19	Constraining TAT Peptide by $\hat{1}$ PNA Hairpin for Enhanced Cellular Delivery of Biomolecules. <i>Methods in Molecular Biology</i> , 2021, 2355, 265-273.	0.9	1