Hanyang Yu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7782650/publications.pdf

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		759233	752698
22	704	12	20
papers	citations	h-index	g-index

22	22	22	634
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Darwinian evolution of an alternative genetic system provides support for TNA as an RNA progenitor. Nature Chemistry, 2012, 4, 183-187.	13.6	235
2	An Efficient and Faithful in Vitro Replication System for Threose Nucleic Acid. Journal of the American Chemical Society, 2013, 135, 3583-3591.	13.7	82
3	The Emerging World of Synthetic Genetics. Chemistry and Biology, 2012, 19, 1360-1371.	6.0	73
4	Selection of threose nucleic acid aptamers to block PD-1/PD-L1 interaction for cancer immunotherapy. Chemical Communications, 2020, 56, 14653-14656.	4.1	49
5	An RNA-cleaving threose nucleic acid enzyme capable of single point mutation discrimination. Nature Chemistry, 2022, 14, 350-359.	13.6	36
6	Direct sequencing of 2â€²-deoxy-2â€²-fluoroarabinonucleic acid (FANA) using nanopore-induced phase-shift sequencing (NIPSS). Chemical Science, 2019, 10, 3110-3117.	7.4	35
7	Self-Assembly of Large DNA Origami with Custom-Designed Scaffolds. ACS Applied Materials & Interfaces, 2018, 10, 24344-24348.	8.0	34
8	A Threose Nucleic Acid Enzyme with RNA Ligase Activity. Journal of the American Chemical Society, 2021, 143, 8154-8163.	13.7	28
9	Generating DNA Synbodies from Previously Discovered Peptides. ChemBioChem, 2011, 12, 1813-1817.	2.6	20
10	Proteomic analysis of cisplatin- and oxaliplatin-induced phosphorylation in proteins bound to Ptâ€“DNA adducts. Metallomics, 2020, 12, 1834-1840.	2.4	15
11	Aptamers can Discriminate Alkaline Proteins with High Specificity. ChemBioChem, 2011, 12, 2659-2666.	2.6	14
12	Aptamer-Based Western Blot for Selective Protein Recognition. Frontiers in Chemistry, 2020, 8, 570528.	3.6	14
13	Co-delivery of Chemotherapeutic Drugs and Immune Adjuvants by Nanoscale DNA Tetrahedrons for Synergistic Cancer Therapy. ACS Applied Nano Materials, 2022, 5, 101-106.	5.0	13
14	Synthesis of Threose Nucleic Acid (TNA) Triphosphates and Oligonucleotides by Polymeraseâ€Mediated Primer Extension. Current Protocols in Nucleic Acid Chemistry, 2013, 52, Unit 4.54.	0.5	11
15	Development of Novel Aptamer-Based Targeted Chemotherapy for Bladder Cancer. Cancer Research, 2022, 82, 1128-1139.	0.9	11
16	DNA Nanodevice as a Co-delivery Vehicle of Antisense Oligonucleotide and Silver Ions for Selective Inhibition of Bacteria Growth. ACS Applied Materials & Interfaces, 2021, 13, 47987-47995.	8.0	10
17	2â€²-Fluoroarabinonucleic Acid Nanostructures as Stable Carriers for Cellular Delivery in the Strongly Acidic Environment. ACS Applied Materials & Interfaces, 2020, 12, 53592-53597.	8.0	9
18	Aptamer-Integrated Scaffolds for Biologically Functional DNA Origami Structures. ACS Applied Materials & Interfaces, 2021, 13, 39711-39718.	8.0	8

#	Article	IF	Citations
19	A Novel Small RNA-Cleaving Deoxyribozyme with a Short Binding Arm. Scientific Reports, 2019, 9, 8224.	3.3	4
20	Reconfigurable Plasmonic Nanostructures Controlled by DNA Origami. Chemical Research in Chinese Universities, 2020, 36, 296-300.	2.6	3
21	Characterization and Optimization of a Deoxyribozyme with a Short Left Binding Arm. Methods in Molecular Biology, 2021, 2167, 79-89.	0.9	0
22	DNA-catalysed alternative RNA splicing. Chemical Communications, 0, , .	4.1	0