

# Hanyang Yu

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

704  
citations

759233

12  
h-index

752698

20  
g-index

22  
all docs

22  
docs citations

22  
times ranked

634  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of Novel Aptamer-Based Targeted Chemotherapy for Bladder Cancer. <i>Cancer Research</i> , 2022, 82, 1128-1139.	0.9	11
2	Co-delivery of Chemotherapeutic Drugs and Immune Adjuvants by Nanoscale DNA Tetrahedrons for Synergistic Cancer Therapy. <i>ACS Applied Nano Materials</i> , 2022, 5, 101-106.	5.0	13
3	An RNA-cleaving threose nucleic acid enzyme capable of single point mutation discrimination. <i>Nature Chemistry</i> , 2022, 14, 350-359.	13.6	36
4	A Threose Nucleic Acid Enzyme with RNA Ligase Activity. <i>Journal of the American Chemical Society</i> , 2021, 143, 8154-8163.	13.7	28
5	Aptamer-Integrated Scaffolds for Biologically Functional DNA Origami Structures. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 39711-39718.	8.0	8
6	DNA Nanodevice as a Co-delivery Vehicle of Antisense Oligonucleotide and Silver Ions for Selective Inhibition of Bacteria Growth. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 47987-47995.	8.0	10
7	Characterization and Optimization of a Deoxyribozyme with a Short Left Binding Arm. <i>Methods in Molecular Biology</i> , 2021, 2167, 79-89.	0.9	0
8	2-Fluoroarabinonucleic Acid Nanostructures as Stable Carriers for Cellular Delivery in the Strongly Acidic Environment. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 53592-53597.	8.0	9
9	Selection of threose nucleic acid aptamers to block PD-1/PD-L1 interaction for cancer immunotherapy. <i>Chemical Communications</i> , 2020, 56, 14653-14656.	4.1	49
10	Proteomic analysis of cisplatin- and oxaliplatin-induced phosphorylation in proteins bound to Pt-DNA adducts. <i>Metallomics</i> , 2020, 12, 1834-1840.	2.4	15
11	Aptamer-Based Western Blot for Selective Protein Recognition. <i>Frontiers in Chemistry</i> , 2020, 8, 570528.	3.6	14
12	Reconfigurable Plasmonic Nanostructures Controlled by DNA Origami. <i>Chemical Research in Chinese Universities</i> , 2020, 36, 296-300.	2.6	3
13	Direct sequencing of 2-deoxy-2-fluoroarabinonucleic acid (FANA) using nanopore-induced phase-shift sequencing (NIPSS). <i>Chemical Science</i> , 2019, 10, 3110-3117.	7.4	35
14	A Novel Small RNA-Cleaving Deoxyribozyme with a Short Binding Arm. <i>Scientific Reports</i> , 2019, 9, 8224.	3.3	4
15	Self-Assembly of Large DNA Origami with Custom-Designed Scaffolds. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 24344-24348.	8.0	34
16	Synthesis of Threose Nucleic Acid (TNA) Triphosphates and Oligonucleotides by Polymerase-Mediated Primer Extension. <i>Current Protocols in Nucleic Acid Chemistry</i> , 2013, 52, Unit 4.54.	0.5	11
17	An Efficient and Faithful in Vitro Replication System for Threose Nucleic Acid. <i>Journal of the American Chemical Society</i> , 2013, 135, 3583-3591.	13.7	82
18	Darwinian evolution of an alternative genetic system provides support for TNA as an RNA progenitor. <i>Nature Chemistry</i> , 2012, 4, 183-187.	13.6	235

#	ARTICLE	IF	CITATIONS
19	The Emerging World of Synthetic Genetics. <i>Chemistry and Biology</i> , 2012, 19, 1360-1371.	6.0	73
20	Aptamers can Discriminate Alkaline Proteins with High Specificity. <i>ChemBioChem</i> , 2011, 12, 2659-2666.	2.6	14
21	Generating DNA Synbodies from Previously Discovered Peptides. <i>ChemBioChem</i> , 2011, 12, 1813-1817.	2.6	20
22	DNA-catalysed alternative RNA splicing. <i>Chemical Communications</i> , 0, , .	4.1	0