

# Lu Yang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/502245/publications.pdf>

Version: 2024-02-01

16  
papers

617  
citations

759190

12  
h-index

940516

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

1085  
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-Assembled Aptamer-Grafted Hyperbranched Polymer Nanocarrier for Targeted and Photoresponsive Drug Delivery. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 17048-17052.	13.8	122
2	Modulating Aptamer Specificity with pH-Responsive DNA Bonds. <i>Journal of the American Chemical Society</i> , 2018, 140, 13335-13339.	13.7	97
3	Enhanced in Vivo Blood-Brain Barrier Penetration by Circular Tau-Transferrin Receptor Bifunctional Aptamer for Tauopathy Therapy. <i>Journal of the American Chemical Society</i> , 2020, 142, 3862-3872.	13.7	64
4	Tumor microenvironment (TME)-activatable circular aptamer-PEG as an effective hierarchical-targeting molecular medicine for photodynamic therapy. <i>Biomaterials</i> , 2020, 246, 119971.	11.4	54
5	Recent Advances in Amphiphilic Polymer-Oligonucleotide Nanomaterials via Living/Controlled Polymerization Technologies. <i>Bioconjugate Chemistry</i> , 2019, 30, 1889-1904.	3.6	47
6	Lipid-oligonucleotide conjugates for bioapplications. <i>National Science Review</i> , 2020, 7, 1933-1953.	9.5	43
7	Self-Assembled Aptamer-Grafted Hyperbranched Polymer Nanocarrier for Targeted and Photoresponsive Drug Delivery. <i>Angewandte Chemie</i> , 2018, 130, 17294-17298.	2.0	31
8	Core-Shell HA-AuNPs@SiNPs Nanoprobe for Sensitive Fluorescence Hyaluronidase Detection and Cell Imaging. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 16555-16562.	6.7	30
9	Progress in Photo-Responsive Polypeptide Derived Nano-Assemblies. <i>Micromachines</i> , 2018, 9, 296.	2.9	30
10	Free-standing 2D nanorrafts by assembly of 1D nanorods for biomolecule sensing. <i>Nanoscale</i> , 2019, 11, 12169-12176.	5.6	30
11	A Perspective on Reversibility in Controlled Polymerization Systems: Recent Progress and New Opportunities. <i>Molecules</i> , 2018, 23, 2870.	3.8	14
12	Molecular domino reactor built by automated modular synthesis for cancer treatment. <i>Theranostics</i> , 2020, 10, 4030-4041.	10.0	14
13	Enhancing the Nucleolytic Resistance and Bioactivity of Functional Nucleic Acids by Diverse Nanostructures through <i>in Situ</i> Polymerization-Induced Self-assembly. <i>ChemBioChem</i> , 2021, 22, 754-759.	2.6	14
14	Plasmon Coupling in DNA-Assembled Silver Nanoclusters. <i>Journal of the American Chemical Society</i> , 2021, 143, 14573-14580.	13.7	13
15	Precise Deposition of Polydopamine on Cancer Cell Membrane as Artificial Receptor for Targeted Drug Delivery. <i>IScience</i> , 2020, 23, 101750.	4.1	9
16	Engineering G-quadruplex aptamer to modulate its binding specificity. <i>National Science Review</i> , 2021, 8, nwaa202.	9.5	5