# Lu Yang

## List of Publications by Year in Descending Order



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|---|---|---|---|
| 16 papers | 402 citations | 10 h-index | 16 g-index |
| 16 ext. papers | 510 ext. citations | 9.7 avg, IF | 3.53 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 16 | Enhancing the Nucleolytic Resistance and Bioactivity of Functional Nucleic Acids by Diverse Nanostructures through in Situ Polymerization-Induced Self-assembly. *ChemBioChem*, **2021**, 22, 754-759 | 3.8 | 4 |
| 15 | Engineering G-quadruplex aptamer to modulate its binding specificity. *National Science Review*, **2021**, 8, nwaa202 | 10.8 | 4 |
| 14 | Plasmon Coupling in DNA-Assembled Silver Nanoclusters. *Journal of the American Chemical Society*, **2021**, 143, 14573-14580 | 16.4 | 2 |
| 13 | Precise Deposition of Polydopamine on Cancer Cell Membrane as Artificial Receptor for Targeted Drug Delivery. *IScience*, **2020**, 23, 101750 | 6.1 | 4 |
| 12 | Molecular domino reactor built by automated modular synthesis for cancer treatment. *Theranostics* , **2020**, 10, 4030-4041 | 12.1 | 9 |
| 11 | Tumor microenvironment (TME)-activatable circular aptamer-PEG as an effective hierarchical-targeting molecular medicine for photodynamic therapy. *Biomaterials*, **2020**, 246, 119971 | 15.6 | 29 |
| 10 | Enhanced in Vivo Blood-Brain Barrier Penetration by Circular Tau-Transferrin Receptor Bifunctional Aptamer for Tauopathy Therapy. *Journal of the American Chemical Society*, **2020**, 142, 3862-3872 | 16.4 | 36 |
| 9 | Lipid-oligonucleotide conjugates for bioapplications. *National Science Review*, **2020**, 7, 1933-1953 | 10.8 | 18 |
| 8 | Free-standing 2D nanorafts by assembly of 1D nanorods for biomolecule sensing. *Nanoscale*, **2019**, 11, 12169-12176 | 7.7 | 28 |
| 7 | Recent Advances in Amphiphilic Polymer-Oligonucleotide Nanomaterials via Living/Controlled Polymerization Technologies. *Bioconjugate Chemistry*, **2019**, 30, 1889-1904 | 6.3 | 30 |
| 6 | Progress in Photo-Responsive Polypeptide Derived Nano-Assemblies. *Micromachines*, **2018**, 9, | 3.3 | 28 |
| 5 | A Perspective on Reversibility in Controlled Polymerization Systems: Recent Progress and New Opportunities. *Molecules*, **2018**, 23, | 4.8 | 10 |
| 4 | Self-Assembled Aptamer-Grafted Hyperbranched Polymer Nanocarrier for Targeted and Photoresponsive Drug Delivery. *Angewandte Chemie*, **2018**, 130, 17294-17298 | 3.6 | 23 |
| 3 | Self-Assembled Aptamer-Grafted Hyperbranched Polymer Nanocarrier for Targeted and Photoresponsive Drug Delivery. *Angewandte Chemie - International Edition*, **2018**, 57, 17048-17052 | 16.4 | 92 |
| 2 | Core‐Shell HA-AuNPs@SiNPs Nanoprobe for Sensitive Fluorescence Hyaluronidase Detection and Cell Imaging. *ACS Sustainable Chemistry and Engineering*, **2018**, 6, 16555-16562 | 8.3 | 22 |
| 1 | Modulating Aptamer Specificity with pH-Responsive DNA Bonds. *Journal of the American Chemical Society*, **2018**, 140, 13335-13339 | 16.4 | 63 |