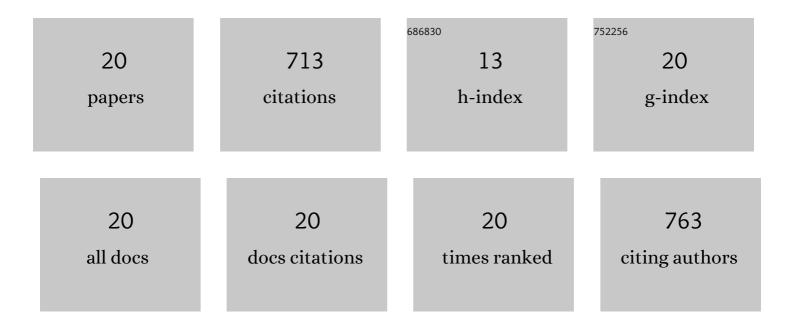
Jing Wang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6750294/publications.pdf Version: 2024-02-01



| # | Article | IF | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Three-dimensional DNA nanostructures to improve the hyperbranched hybridization chain reaction. Chemical Science, 2019, 10, 9758-9767. | 3.7 | 124 |
| 2 | DNA nanostructure-based nucleic acid probes: construction and biological applications. Chemical Science, 2021, 12, 7602-7622. | 3.7 | 74 |
| 3 | CRISPR/Cas12a-based dual amplified biosensing system for sensitive and rapid detection of polynucleotide kinase/phosphatase. Biosensors and Bioelectronics, 2020, 168, 112556. | 5.3 | 68 |
| 4 | Highly Integrated, Biostable, and Self-Powered DNA Motor Enabling Autonomous Operation in Living Bodies. Analytical Chemistry, 2019, 91, 5244-5251. | 3.2 | 58 |
| 5 | A ZnO-gated porphyrinic metal–organic framework-based drug delivery system for targeted bimodal cancer therapy. Journal of Materials Chemistry B, 2018, 6, 7898-7907. | 2.9 | 50 |
| 6 | Upconversion nano-photosensitizer targeting into mitochondria for cancer apoptosis induction and cyt c fluorescence monitoring. Nano Research, 2016, 9, 3257-3266. | 5.8 | 45 |
| 7 | G-Quadruplex/Porphyrin Composite Photosensitizer: A Facile Way to Promote Absorption Redshift and Photodynamic Therapy Efficacy. ACS Applied Materials & Interfaces, 2019, 11, 13158-13167. | 4.0 | 44 |
| 8 | MnO ₂ nanosheets as a carrier and accelerator for improved live-cell biosensing application of CRISPR/Cas12a. Chemical Science, 2022, 13, 4364-4371. | 3.7 | 39 |
| 9 | Terminal Deoxynucleotidyl Transferase-Catalyzed Preparation of pH-Responsive DNA Nanocarriers for Tumor-Targeted Drug Delivery and Therapy. ACS Applied Materials & Interfaces, 2019, 11, 14684-14692. | 4.0 | 38 |
| 10 | Nanolantern-Based DNA Probe and Signal Amplifier for Tumor-Related Biomarker Detection in Living Cells. Analytical Chemistry, 2019, 91, 13165-13173. | 3.2 | 33 |
| 11 | Development of the DNA-based biosensors for high performance in detection of molecular biomarkers: More rapid, sensitive, and universal. Biosensors and Bioelectronics, 2022, 197, 113739. | 5.3 | 32 |
| 12 | Label-Free Colorimetric Detection of Acid Phosphatase and Screening of Its Inhibitors Based on Biomimetic Oxidase Activity of MnO ₂ Nanosheets. ACS Biomaterials Science and Engineering, 2020, 6, 3132-3138. | 2.6 | 30 |
| 13 | DNA nanolantern-mediated catalytic hairpin assembly nanoamplifiers for simultaneous detection of multiple microRNAs. Talanta, 2022, 236, 122846. | 2.9 | 17 |
| 14 | The Preparation of CuInS ₂ -ZnS-Glutathione Quantum Dots and Their Application on the Sensitive Determination of Cytochrome <i>c</i> and Imaging of HeLa Cells. ACS Omega, 2021, 6, 17501-17509. | 1.6 | 13 |
| 15 | "RESET―Effect: Random Extending Sequences Enhance the Trans-Cleavage Activity of CRISPR/Cas12a. Analytical Chemistry, 2022, 94, 8050-8057. | 3.2 | 11 |
| 16 | DNA nanolantern-based split aptamer probes for <i>in situ</i> ATP imaging in living cells and lighting up mitochondria. Analyst, The, 2021, 146, 2600-2608. | 1.7 | 10 |
| 17 | Reversible assembly/disassembly of DNA frames and applications in logic design, ratiometric sensing and bioimaging. Sensors and Actuators B: Chemical, 2021, 330, 129335. | 4.0 | 9 |
| 18 | Nonenzymatic catalytic assembly of valency-controlled DNA architectures for nanoparticles and live cell assembly. Chemical Communications, 2021, 57, 6760-6763. | 2.2 | 7 |

| # | Article | IF | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Oxidative Cleavage-Based Three-Dimensional DNA Biosensor for Ratiometric Detection of Hypochlorous Acid and Myeloperoxidase. Analytical Chemistry, 2021, 93, 16231-16239. | 3.2 | 7 |
| 20 | Recent Advances in Constructing Higherâ€Order DNA Structures. Chemistry - an Asian Journal, 2022, 17, . | 1.7 | 4 |