

# Lichao Su

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/2329532/lichao-su-publications-by-year.pdf>

**Version:** 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

45  
papers

614  
citations

14  
h-index

23  
g-index

51  
ext. papers

1,041  
ext. citations

9.9  
avg, IF

4.59  
L-index

| #  | Paper  | IF   | Citations |
|----|--|------|-----------|
| 45 | Activated molecular probes for enzyme recognition and detection.. <i>Theranostics</i> , <b>2022</b> , 12, 1459-1485  | 12.1 | 1         |
| 44 | Tracking Cell Viability for Adipose-Derived Mesenchymal Stem Cell-Based Therapy by Quantitative Fluorescence Imaging in the Second Near-Infrared Window.. <i>ACS Nano</i> , <b>2022</b> ,  | 16.7 | 2         |
| 43 | A NO-Responsive Ratiometric Fluorescent Nanoprobe for Monitoring Drug-Induced Liver Injury in the Second Near-Infrared Window. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 15279-15287   | 7.8  | 6         |
| 42 | Ultrasound-propelled Janus Au NR-mSiO <sub>2</sub> nanomotor for NIR-II photoacoustic imaging guided sonodynamic-gas therapy of large tumors. <i>Science China Chemistry</i> , <b>2021</b> , 64, 2218                                  | 7.9  | 7         |
| 41 | Neodymium (3+)-Coordinated Black Phosphorus Quantum Dots with Retrievable NIR/X-Ray Optoelectronic Switching Effect for Anti-Glioblastoma. <i>Small</i> , <b>2021</b> , e2105160   | 11   | 3         |
| 40 | NIR-II Fluorescent Biodegradable Nanoprobes for Precise Acute Kidney/Liver Injury Imaging and Therapy. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 13893-13903   | 7.8  | 4         |
| 39 | Plasmonic-Fluorescent Janus Ag/AgS Nanoparticles for HO-Activated NIR-II Fluorescence Imaging. <i>Nano Letters</i> , <b>2021</b> , 21, 2625-2633   | 11.5 | 18        |
| 38 | Asymmetric Core-Shell Gold Nanoparticles and Controllable Assemblies for SERS Ratiometric Detection of MicroRNA. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 12668-12676   | 3.6  | 3         |
| 37 | Asymmetric Core-Shell Gold Nanoparticles and Controllable Assemblies for SERS Ratiometric Detection of MicroRNA. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 12560-12568                                      | 16.4 | 19        |
| 36 | In Vivo X-ray Triggered Catalysis of H <sub>2</sub> Generation for Cancer Synergistic Gas Radiotherapy. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 12978-12985  | 3.6  | 1         |
| 35 | Structural Transformative Antioxidants for Dual-Responsive Anti-Inflammatory Delivery and Photoacoustic Inflammation Imaging. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 14579-14587  | 3.6  | 1         |
| 34 | In Vivo X-ray Triggered Catalysis of H Generation for Cancer Synergistic Gas Radiotherapy. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 12868-12875  | 16.4 | 13        |
| 33 | Structural Transformative Antioxidants for Dual-Responsive Anti-Inflammatory Delivery and Photoacoustic Inflammation Imaging. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 14458-14466                         | 16.4 | 14        |
| 32 | Singlet Oxygen Generation in Dark-Hypoxia by Catalytic Microenvironment-Tailored Nanoreactors for NIR-II Fluorescence-Monitored Chemodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 15006-15012 | 16.4 | 23        |
| 31 | Singlet Oxygen Generation in Dark-Hypoxia by Catalytic Microenvironment-Tailored Nanoreactors for NIR-II Fluorescence-Monitored Chemodynamic Therapy. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 15133-15139                        | 3.6  | 7         |
| 30 | Highly Controlled Janus Organic-Inorganic Nanocomposite as a Versatile Photoacoustic Platform. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 17647-17653  | 16.4 | 7         |
| 29 | NIR-II Photoacoustic Reporter for Biopsy-Free and Real-Time Assessment of Wilson's Disease. <i>Small</i> , <b>2021</b> , 17, e2008061  | 11   | 10        |

|    |  |      |    |
|----|--|------|----|
| 28 | Highly Controlled Janus Organic-Inorganic Nanocomposite as a Versatile Photoacoustic Platform. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 17788-17794   | 3.6  | 3  |
| 27 | Site-Specific Biomimicry of Antioxidative Melanin Formation and Its Application for Acute Liver Injury Therapy and Imaging. <i>Advanced Materials</i> , <b>2021</b> , 33, e2102391   | 24   | 11 |
| 26 | Dual Ratiometric SERS and Photoacoustic Core-Satellite Nanoprobe for Quantitatively Visualizing Hydrogen Peroxide in Inflammation and Cancer. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 7399-7408                        | 3.6  | 1  |
| 25 | Dual Ratiometric SERS and Photoacoustic Core-Satellite Nanoprobe for Quantitatively Visualizing Hydrogen Peroxide in Inflammation and Cancer. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 7323-7332 | 16.4 | 32 |
| 24 | Quantitative Assessment of Copper(II) in Wilson's Disease Based on Photoacoustic Imaging and Ratiometric Surface-Enhanced Raman Scattering. <i>ACS Nano</i> , <b>2021</b> , 15, 3402-3414                                    | 16.7 | 16 |
| 23 | Dye-Sensitized Downconversion Nanoprobes with Emission Beyond 1500 nm for Ratiometric Visualization of Cancer Redox State. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2009942                                  | 15.6 | 13 |
| 22 | Activatable Ratiometric NIR-II Fluorescence Nanoprobe for Quantitative Detection of HS in Colon Cancer. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 9356-9363  | 7.8  | 11 |
| 21 | In Vivo Tracking of Cell Viability for Adoptive Natural Killer Cell-Based Immunotherapy by Ratiometric NIR-II Fluorescence Imaging. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 21056-21064                                | 3.6  | 2  |
| 20 | In Vivo Tracking of Cell Viability for Adoptive Natural Killer Cell-Based Immunotherapy by Ratiometric NIR-II Fluorescence Imaging. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 20888-20896         | 16.4 | 12 |
| 19 | Improving the sensitivity of contrast-enhanced MRI and sensitive diagnosing tumors with ultralow doses of MnO octahedrons. <i>Theranostics</i> , <b>2021</b> , 11, 6966-6982   | 12.1 | 3  |
| 18 | NIR-II emissive AIEgen photosensitizers enable ultrasensitive imaging-guided surgery and phototherapy to fully inhibit orthotopic hepatic tumors.. <i>Journal of Nanobiotechnology</i> , <b>2021</b> , 19, 419               | 9.4  | 0  |
| 17 | An Activatable Hybrid Organic-Inorganic Nanocomposite as Early Evaluation System of Therapy Effect. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> ,   | 16.4 | 2  |
| 16 | Activatable nanoscale metal-organic framework for ratiometric photoacoustic imaging of hydrogen sulfide and orthotopic colorectal cancer in vivo. <i>Science China Chemistry</i> , <b>2020</b> , 63, 1315-1322               | 7.9  | 19 |
| 15 | Biologically Responsive Plasmonic Assemblies for Second Near-Infrared Window Photoacoustic Imaging-Guided Concurrent Chemo-Immunotherapy. <i>ACS Nano</i> , <b>2020</b> , 14, 3991-4006                                      | 16.7 | 50 |
| 14 | Single Wavelength Laser Excitation Ratiometric NIR-II Fluorescent Probe for Molecule Imaging in Vivo. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 6111-6120  | 7.8  | 37 |
| 13 | Quantum Dot-Based Sensitization System for Boosted Photon Absorption and Enhanced Second Near-Infrared Luminescence of Lanthanide-Doped Nanoparticle. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 6094-6102              | 7.8  | 17 |
| 12 | Attachment of streptavidin-modified superparamagnetic iron oxide nanoparticles to the PC-12 cell membrane. <i>Biomedical Materials (Bristol)</i> , <b>2020</b> , 15, 045014  | 3.5  | 1  |
| 11 | Transferrin-Conjugated Superparamagnetic Iron Oxide Nanoparticles as In Vivo Magnetic Resonance Imaging Contrast Agents. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2020</b> , 20, 2018-2024                      | 1.3  | 9  |

|    |   |      |     |
|----|---|------|-----|
| 10 | Quantitative Photoacoustic Diagnosis and Precise Treatment of Inflammation In Vivo Using Activatable Theranostic Nanoprobe. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 2001771  | 15.6 | 27  |
| 9  | Uncovering a possible role of reactive oxygen species in magnetogenetics. <i>Scientific Reports</i> , <b>2020</b> , 10, 13096   | 4.9  | 7   |
| 8  | Dual activated NIR-II fluorescence and photoacoustic imaging-guided cancer chemo-radiotherapy using hybrid plasmonic-fluorescent assemblies. <i>Nano Research</i> , <b>2020</b> , 13, 3268-3277   | 10   | 16  |
| 7  | Degraded Hyaluronic Acid-Modified Magnetic Nanoparticles. <i>Journal of Nanomaterials</i> , <b>2020</b> , 2020, 1-8   | 3.2  | 1   |
| 6  | Light-activated gold nanorod vesicles with NIR-II fluorescence and photoacoustic imaging performances for cancer theranostics. <i>Theranostics</i> , <b>2020</b> , 10, 4809-4821  | 12.1 | 36  |
| 5  | Gas-Mediated Cancer Bioimaging and Therapy. <i>ACS Nano</i> , <b>2019</b> , 13, 10887-10917   | 16.7 | 108 |
| 4  | Subcellular distributions of iron oxide nanoparticles in rat brains affected by different surface modifications. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2019</b> , 107, 1988-1998  | 5.4  | 8   |
| 3  | Enhanced cellular uptake of iron oxide nanoparticles modified with 1,2-dimyristoyl-sn-glycero-3-phosphocholine. <i>RSC Advances</i> , <b>2017</b> , 7, 38001-38007  | 3.7  | 8   |
| 2  | Superparamagnetic iron oxide nanoparticles modified with dimyristoylphosphatidylcholine and their distribution in the brain after injection in the rat substantia nigra. <i>Materials Science and Engineering C</i> , <b>2017</b> , 81, 400-406 | 8.3  | 11  |
| 1  | Mesoporous radiosensitized nanoprobe for enhanced NIR-II photoacoustic imaging-guided accurate radio-chemotherapy. <i>Nano Research</i> , 1   | 10   | 4   |