

# Lu Lu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/633472/publications.pdf>

Version: 2024-02-01

11  
papers

644  
citations

1040056

9  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

919  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Multimodal Luminescent Yb <sup>3+</sup> /Er <sup>3+</sup> /Bi <sup>3+</sup> -Doped Perovskite Single Crystals for X-ray Detection and Anti-Counterfeiting. <i>Advanced Materials</i> , 2020, 32, e2004506.   | 21.0 | 187       |
| 2  | Size-Dependent Optical Absorption of Layered MoS <sub>2</sub> and DNA Oligonucleotides Induced Dispersion Behavior for Label-Free Detection of Single-Nucleotide Polymorphism. <i>Advanced Functional Materials</i> , 2015, 25, 3541-3550.   | 14.9 | 123       |
| 3  | High energy X-ray radiation sensitive scintillating materials for medical imaging, cancer diagnosis and therapy. <i>Nano Energy</i> , 2021, 79, 105437.  | 16.0 | 95        |
| 4  | Highly selective and sensitive electrochemical biosensor for ATP based on the dual strategy integrating the cofactor-dependent enzymatic ligation reaction with self-cleaving DNAzyme-amplified electrochemical detection. <i>Biosensors and Bioelectronics</i> , 2015, 63, 14-20. | 10.1 | 65        |
| 5  | Detection of Single-Nucleotide Polymorphisms Using an ON-OFF Switching of Regenerated Biosensor Based on a Locked Nucleic Acid-Integrated and Toehold-Mediated Strand Displacement Reaction. <i>Analytical Chemistry</i> , 2014, 86, 2543-2548.                                    | 6.5  | 60        |
| 6  | All-inorganic perovskite nanocrystals: next-generation scintillation materials for high-resolution X-ray imaging. <i>Nanoscale Advances</i> , 2022, 4, 680-696.  | 4.6  | 43        |
| 7  | A novel signal-on-photoelectrochemical sensor for ultrasensitive detection of alkaline phosphatase activity based on a TiO <sub>2</sub> /g-C <sub>3</sub> N <sub>4</sub> heterojunction. <i>Analyst</i> , 2018, 143, 3399-3407.  | 3.5  | 37        |
| 8  | A sensitive electrochemical method based on Fenton-induced DNA oxidation for detection of hydroxyl radical. <i>Analytical Methods</i> , 2014, 6, 6536.   | 2.7  | 15        |
| 9  | Native point defect modulated Cr <sup>3+</sup> -LaAlO <sub>3</sub> as an <i>in vitro</i> excited contrast medium for <i>in vivo</i> near-infrared persistent deep-tissue bio-imaging. <i>Chemical Communications</i> , 2021, 57, 9366-9369.  | 4.1  | 9         |
| 10 | Complete mitogenome of Chinese shrew mole <i>Uropsilus soricipes</i> (Milne-Edwards, 1871) (Mammalia: Tj ETQq0 0 0 rgBT /Overlock 10 Tf History, 2014, 48, 1467-1483.  | 0.5  | 8         |
| 11 | General synthesis of large-area flexible bi-atomic subnano thin lanthanide oxide nanoscrolls. <i>Nano Energy</i> , 2020, 78, 105318.   | 16.0 | 2         |