

Xiaobin Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

311
citations

1163117
8
h-index

1588992
8
g-index

8
all docs

8
docs citations

8
times ranked

216
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|--|------|-----------|
| 1 | Cascade reaction biosensor based on Cu/N co-doped two-dimensional carbon-based nanozyme for the detection of lactose and β -galactosidase. <i>Talanta</i> , 2022, 245, 123451. | 5.5 | 26 |
| 2 | Fabrication of Bioresource-Derived Porous Carbon-Supported Iron as an Efficient Oxidase Mimic for Dual-Channel Biosensing. <i>Analytical Chemistry</i> , 2021, 93, 3130-3137. | 6.5 | 54 |
| 3 | Nanozyme-Based Detection of Alkaline Phosphatase. <i>ACS Applied Nano Materials</i> , 2021, 4, 7888-7896. | 5.0 | 28 |
| 4 | Lysozyme-Functionalized 5-Methyl-2-thiouracil Gold/Silver Nanoclusters for Luminescence Assay of Alkaline Phosphatase. <i>ACS Applied Nano Materials</i> , 2021, 4, 9265-9273. | 5.0 | 16 |
| 5 | Porous Nanosheet Assembly for Macrocyclization and Self-Release. <i>Journal of the American Chemical Society</i> , 2020, 142, 1904-1910. | 13.7 | 19 |
| 6 | Single-atom iron containing nanozyme with peroxidase-like activity and copper nanoclusters based ratio fluorescent strategy for acetylcholinesterase activity sensing. <i>Sensors and Actuators B: Chemical</i> , 2020, 313, 128023. | 7.8 | 75 |
| 7 | Peroxidase-like activity of Fe ²⁺ /N-C single-atom nanozyme based colorimetric detection of galactose. <i>Analytica Chimica Acta</i> , 2020, 1128, 72-79. | 5.4 | 58 |
| 8 | Autonomous helical propagation of active toroids with mechanical action. <i>Nature Communications</i> , 2019, 10, 1080. | 12.8 | 35 |