

# Xiaobin Zhou

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5535894/publications.pdf>

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#	ARTICLE	IF	CITATIONS
1	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
2	Peroxidase-like activity of Fe@N-C single-atom nanozyme based colorimetric detection of galactose. <i>Analytica Chimica Acta</i> , 2020, 1128, 72-79.	5.4	58
3	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
4	Autonomous helical propagation of active toroids with mechanical action. <i>Nature Communications</i> , 2019, 10, 1080.	12.8	35
5	Nanozyme-Based Detection of Alkaline Phosphatase. <i>ACS Applied Nano Materials</i> , 2021, 4, 7888-7896.	5.0	28
6	Cascade reaction biosensor based on Cu/N co-doped two-dimensional carbon-based nanozyme for the detection of lactose and $\beta$ -galactosidase. <i>Talanta</i> , 2022, 245, 123451.	5.5	26
7	Porous Nanosheet Assembly for Macrocyclization and Self-Release. <i>Journal of the American Chemical Society</i> , 2020, 142, 1904-1910.	13.7	19
8	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