

# Xiang-Juan Zheng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7332260/publications.pdf>

Version: 2024-02-01

18  
papers

320  
citations

1162889

8  
h-index

839398

18  
g-index

19  
all docs

19  
docs citations

19  
times ranked

458  
citing authors

#	ARTICLE	IF	CITATIONS
1	One-step, stabilizer-free and green synthesis of Cu nanoclusters as fluorescent probes for sensitive and selective detection of nitrite ions. <i>Sensors and Actuators B: Chemical</i> , 2016, 230, 314-319.	4.0	76
2	Label-free colorimetric detection of biothiols utilizing SAM and unmodified Au nanoparticles. <i>Biosensors and Bioelectronics</i> , 2015, 68, 668-674.	5.3	57
3	Amino-Functionalized Ti <sub>3</sub> C <sub>2</sub> MXene Quantum Dots as Photoluminescent Sensors for Diagnosing Histidine in Human Serum. <i>ACS Applied Nano Materials</i> , 2021, 4, 8192-8199.	2.4	34
4	Label-free colorimetric assay for DNA methylation based on unmodified Au nanorods as a signal sensing probe coupled with enzyme-linkage reactions. <i>Chemical Communications</i> , 2013, 49, 3546.	2.2	33
5	Construction of chemiluminescence aptasensor platform using magnetic microsphere for ochratoxin A detection based on G bases derivative reaction and Au NPs catalyzing luminol system. <i>Sensors and Actuators B: Chemical</i> , 2020, 320, 128375.	4.0	22
6	Eu doped Ti <sub>3</sub> C <sub>2</sub> quantum dots to form a ratiometric fluorescence platform for visual and quantitative point-of-care testing of tetracycline derivatives. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 272, 120956.	2.0	18
7	Label-free and enzyme-free one-step rapid colorimetric detection of DNA methylation based on unmodified gold nanoparticles. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 238, 118375.	2.0	16
8	A squaraine-based sensor for colorimetric detection of CO <sub>2</sub> gas in an aqueous medium through an unexpected recognition mechanism: experiment and DFT calculation. <i>Analytical Methods</i> , 2017, 9, 6830-6838.	1.3	10
9	Effects of miR-150-5p on the growth and SOCS1 expression of rheumatoid arthritis synovial fibroblasts. <i>Clinical Rheumatology</i> , 2020, 39, 909-917.	1.0	9
10	Amplification strategy for sensitive detection of methyltransferase activity based on surface plasma resonance techniques. <i>Analytica Chimica Acta</i> , 2018, 1016, 12-18.	2.6	8
11	Colorimetric determination of the activity of methyltransferase based on nicking enzyme amplification and the use of gold nanoparticles conjugated to graphene oxide. <i>Mikrochimica Acta</i> , 2019, 186, 594.	2.5	8
12	One-pot label-free dual-aptasensor as a chemiluminescent tool kit simultaneously detect adenosine triphosphate and chloramphenicol in foods. <i>Talanta</i> , 2021, 229, 122226.	2.9	8
13	Simultaneous aptasensor assay of ochratoxin A and adenosine triphosphate in beer based on Fe <sub>3</sub> O <sub>4</sub> and SiO <sub>2</sub> nanoparticle as carriers. <i>Analytical Methods</i> , 2020, 12, 2253-2259.	1.3	7
14	A new chemiluminescence method for the determination of 8-hydroxyguanine based on $\text{Ni}^{2+}$ -histidine bound nickel nanoparticles. <i>Chemical Communications</i> , 2020, 56, 6535-6538.	2.2	4
15	Utilizing dual carriers assisted by enzyme digestion chemiluminescence signal enhancement strategy simultaneously detect tumor markers CEA and AFP. <i>Analytical Sciences</i> , 2022, 38, 889-897.	0.8	4
16	Fluorescence-based Polymerase Amplification for the Sensitive Detection of DNA Methyltransferase Activity. <i>Analytical Sciences</i> , 2018, 34, 959-964.	0.8	2
17	Label-free fluorescence strategy for methyltransferase activity assay based on poly-thymine copper nanoclusters engineered by terminal deoxynucleotidyl transferase. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 260, 119924.	2.0	2
18	Chemiluminescence "signal-on-off" dual signals ratio biosensor based on single-stranded DNA functions as guy wires to detect EcoR V. <i>Talanta</i> , 2021, 235, 122749.	2.9	2