

# Luyang Miao

## List of Publications by Year in descending order

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14  
papers

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citations

840776

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#	ARTICLE	IF	CITATIONS
1	Smart Drug Delivery System-Inspired Enzyme-Linked Immunosorbent Assay Based on Fluorescence Resonance Energy Transfer and Allochroic Effect Induced Dual-Modal Colorimetric and Fluorescent Detection. <i>Analytical Chemistry</i> , 2018, 90, 1976-1982.	6.5	79
2	A nanozyme-linked immunosorbent assay for dual-modal colorimetric and ratiometric fluorescent detection of cardiac troponin I. <i>Sensors and Actuators B: Chemical</i> , 2019, 288, 60-64.	7.8	74
3	A highly sensitive and ultra-stretchable zwitterionic liquid hydrogel-based sensor as anti-freezing ionic skin. <i>Journal of Materials Chemistry A</i> , 2022, 10, 3970-3988.	10.3	55
4	Enzyme-Free Immunosorbent Assay of Prostate Specific Antigen Amplified by Releasing pH Indicator Molecules Entrapped in Mesoporous Silica Nanoparticles. <i>Analytical Chemistry</i> , 2018, 90, 8673-8679.	6.5	39
5	A pH Indicator-linked Immunosorbent assay following direct amplification strategy for colorimetric detection of protein biomarkers. <i>Biosensors and Bioelectronics</i> , 2017, 90, 1-5.	10.1	33
6	Amperometric sandwich immunoassay for the carcinoembryonic antigen using a glassy carbon electrode modified with iridium nanoparticles, polydopamine and reduced graphene oxide. <i>Mikrochimica Acta</i> , 2017, 184, 169-175.	5.0	27
7	pH Readout enhanced ELISA for point-of-care testing of cardiac troponin I. <i>Chinese Chemical Letters</i> , 2017, 28, 1878-1880.	9.0	15
8	Redox active molybdophosphate produced by $\text{Cu}_3(\text{PO}_4)_2$ nanospheres for enhancing enzyme-free electrochemical immunoassay of C-reactive protein. <i>New Journal of Chemistry</i> , 2017, 41, 11867-11871.	2.8	15
9	Enhanced amperometric immunoassay for the prostate specific antigen using Pt-Cu hierarchical trigonal bipyramid nanoframes as a label. <i>Mikrochimica Acta</i> , 2017, 184, 423-429.	5.0	15
10	An enzyme response-regulated colorimetric assay for pattern recognition sensing application using biomimetic inorganic-protein hybrid nanoflowers. <i>Chemical Engineering Journal</i> , 2022, 431, 134107.	12.7	15
11	Robust Scalable-Manufactured Smart Fabric Surfaces Based on Azobenzene-Containing Maleimide Copolymers for Rewritable Information Storage and Hydrogen Fluoride Visual Sensor. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 42024-42034.	8.0	11
12	Biomimetic synthesis of all-inclusive organic-inorganic nanospheres for enhanced electrochemical immunoassay. <i>Chinese Chemical Letters</i> , 2020, 31, 1159-1161.	9.0	7
13	Lighting-up curcumin nanoparticles triggered by pH for developing improved enzyme-linked immunosorbent assay. <i>Biosensors and Bioelectronics</i> , 2021, 188, 113308.	10.1	6
14	Enzyme-Free Ultrasensitive Electrochemical Immunoassay Based on the Strategy of Converting Titanium Phosphate Nanospheres into Redox Active Molybdophosphate. <i>Journal of Biomedical Nanotechnology</i> , 2017, 13, 973-979.	1.1	3