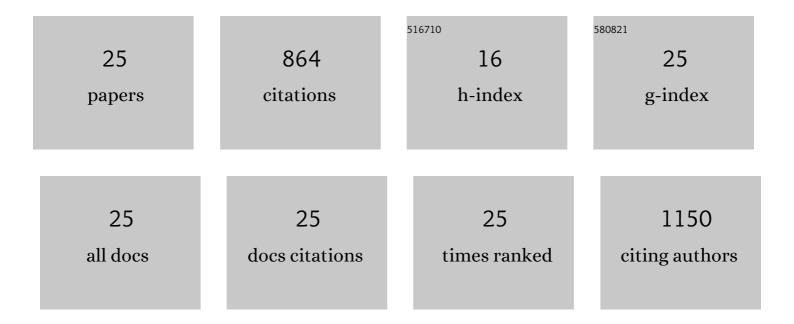
## Meng Xia Xie

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3693989/publications.pdf

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#	Article	IF	CITATIONS
1	Characterization of the interaction between human serum albumin and morin. Biochimica Et Biophysica Acta - General Subjects, 2006, 1760, 1184-1191.	2.4	208
2	Visual and fluorescent detection of mercury ions by using a dually emissive ratiometric nanohybrid containing carbon dots and CdTe quantum dots. Mikrochimica Acta, 2017, 184, 1199-1206.	5.0	67
3	Streptavidin-biotin-peroxidase nanocomplex-amplified microfluidics immunoassays for simultaneous detection of inflammatory biomarkers. Analytica Chimica Acta, 2017, 982, 138-147.	5.4	66
4	Spectroscopic investigation on the interaction of 3,7-dihydroxyflavone with different isomers of human serum albumin. Food Chemistry, 2012, 132, 663-670.	8.2	58
5	Simultaneous determination of thyreostatic residues in animal tissues by matrix solid-phase dispersion and gas chromatography–mass spectrometry. Journal of Chromatography A, 2005, 1074, 1-7.	3.7	55
6	One-step multiplexed detection of foodborne pathogens: Combining a quantum dot-mediated reverse assaying strategy and magnetic separation. Biosensors and Bioelectronics, 2016, 86, 996-1002.	10.1	46
7	Label-Free Sandwich Imaging Ellipsometry Immunosensor for Serological Detection of Procalcitonin. Analytical Chemistry, 2018, 90, 8002-8010.	6.5	44
8	Magnetic Lateral Flow Strip for the Detection of Cocaine in Urine by Naked Eyes and Smart Phone Camera. Sensors, 2017, 17, 1286.	3.8	36
9	Development of dual-emission ratiometric probe-based on fluorescent silica nanoparticle and CdTe quantum dots for determination of glucose in beverages and human body fluids. Food Chemistry, 2016, 204, 444-452.	8.2	31
10	Phytic acid functionalized Fe3O4 nanoparticles loaded with Ti(IV) ions for phosphopeptide enrichment in mass spectrometric analysis. Mikrochimica Acta, 2019, 186, 68.	5.0	30
11	An immunosensor based on magnetic relaxation switch and polystyrene microparticle-induced immune multivalency enrichment system for the detection of Pantoea stewartii subsp. Stewartii. Biosensors and Bioelectronics, 2013, 43, 6-11.	10.1	29
12	Enzyme-Free Amplification Strategy for Biosensing Using Fe <sup>3+</sup> –Poly(glutamic acid) Coordination Chemistry. Analytical Chemistry, 2018, 90, 4725-4732.	6.5	27
13	Biodegradation pathway of penicillins by β-lactamase encapsulated in metal-organic frameworks. Journal of Hazardous Materials, 2021, 414, 125549.	12.4	24
14	Manganese dioxide nanoparticle-based colorimetric immunoassay for the detection of alpha-fetoprotein. Mikrochimica Acta, 2017, 184, 2767-2774.	5.0	21
15	Development of nanosensor by bioorthogonal reaction for multi-detection of the biomarkers of hepatocellular carcinoma. Sensors and Actuators B: Chemical, 2021, 334, 129653.	7.8	20
16	Development of graphite carbon nitride based fluorescent immune sensor for detection of alpha fetoprotein. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 196, 103-109.	3.9	19
17	Phosphate-imprinted magnetic nanoparticles using phenylphosphonic acid as a template for excellent recognition of tyrosine phosphopeptides. Talanta, 2018, 186, 346-353.	5.5	16
18	Poly-L-lysine brushes on magnetic nanoparticles for ultrasensitive detection of Escherichia coli O157: H7. Talanta, 2017, 172, 53-60.	5.5	14

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#	Article	IF	CITATIONS
19	Development of dual-enhancer biocatalyst with photothermal property for the degradation of cephalosporin. Journal of Hazardous Materials, 2022, 429, 128294.	12.4	13
20	Fluorescence Resonance Energy Transfer-Mediated Immunosensor Based on Design and Synthesis of the Substrate of Amp Cephalosporinase for Biosensing. Analytical Chemistry, 2019, 91, 11316-11323.	6.5	10
21	A colorimetric and ultrasensitive immunosensor for one-step pathogen detection via the combination of nanoparticle-triggered signal amplification and magnetic separation. RSC Advances, 2015, 5, 100633-100637.	3.6	9
22	Changes in plasma membrane protein structure after photodynamic action in freshly isolated rat pancreatic acini. An FTIR study. Journal of Photochemistry and Photobiology B: Biology, 2003, 71, 27-34.	3.8	7
23	Development of dual-ligand titanium (IV) hydrophilic network sorbent for highly selective enrichment of phosphopeptides. Journal of Chromatography A, 2021, 1659, 462648.	3.7	7
24	Development of enzyme-free immunosensor based on nanobrush and fluorescence dye for sensitive detection of procalcitonin. Dyes and Pigments, 2021, 193, 109548.	3.7	5
25	Determination of cyanidin-3-glucoside (red kernel food colour) in beverages by high performance liquid chromatography and a study of its degradation by quadruple time-of-flight mass spectrometry. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2011–28–1-12	2.3	2