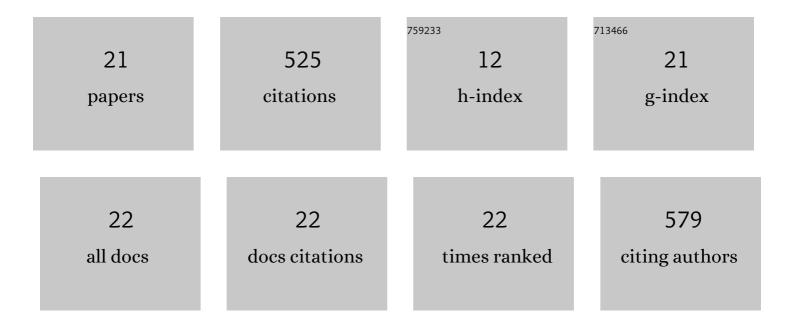
## Yu Wang

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1093970/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Wearable biosensors for human fatigue diagnosis: A review. Bioengineering and Translational Medicine, 2023, 8, .	7.1	8
2	Highly Ordered, Plasmonic Enhanced Inverse Opal Photonic Crystal for Ultrasensitive Detection of Staphylococcal Enterotoxin B. ACS Applied Materials & Interfaces, 2022, 14, 4637-4646.	8.0	12
3	CRISPR/Cas12a-based technology: A powerful tool for biosensing in food safety. Trends in Food Science and Technology, 2022, 122, 211-222.	15.1	49
4	Amorphous poly- <i>N</i> -vinylcarbazole polymer as a novel matrix for the determination of low molecular weight compounds by MALDI-TOF MS. RSC Advances, 2022, 12, 15215-15221.	3.6	6
5	Latest developments in the upconversion nanotechnology for the rapid detection of food safety: A review. Nanotechnology Reviews, 2022, 11, 2110-2122.	5.8	3
6	Exploring the performance of multi-channel tetrahedral nucleic acid tweezers platforms for efficient and sensitive biosensing. Chemical Engineering Journal, 2022, 448, 137635.	12.7	6
7	Immunosorbent assay based on upconversion nanoparticles controllable assembly for simultaneous detection of three antibiotics. Journal of Hazardous Materials, 2021, 406, 124703.	12.4	18
8	A highly sensitive immunofluorescence sensor based on bicolor upconversion and magnetic separation for simultaneous detection of fumonisin B1 and zearalenone. Analyst, The, 2021, 146, 3328-3335.	3.5	9
9	State-of-the-art progress of switch fluorescence biosensors based on metal-organic frameworks and nucleic acids. Mikrochimica Acta, 2021, 188, 168.	5.0	21
10	Sensitive Fluorescence Aptasensor Based on Hybridization Chain Reaction with Upconversion Nanoparticles by Triplex DNA Formation for Bisphenol A Detection. ACS Applied Bio Materials, 2021, 4, 763-769.	4.6	15
11	Dual Sensitization Smartphone Colorimetric Strategy Based on RCA Coils Gathering Au Tetrahedra and Its Application in the Detection of CK-MB. Analytical Chemistry, 2021, 93, 16922-16931.	6.5	11
12	CRISPR-Cas9 Triggered Two-Step Isothermal Amplification Method for <i>E. coli</i> O157:H7 Detection Based on a Metal–Organic Framework Platform. Analytical Chemistry, 2020, 92, 3032-3041.	6.5	102
13	Development of a highly sensitive detection method for TTX based on a magnetic bead-aptamer competition system under triple cycle amplification. Analytica Chimica Acta, 2020, 1119, 18-24.	5.4	18
14	A fluorescent amplification strategy for high-sensitive detection of 17 β-estradiol based on EXPAR and HCR. Analytica Chimica Acta, 2020, 1116, 1-8.	5.4	25
15	Ultrasensitive competitive detection of patulin toxin by using strand displacement amplification and DNA G-quadruplex with aggregation-induced emission. Analytica Chimica Acta, 2020, 1106, 161-167.	5.4	20
16	Robust and Universal SERS Sensing Platform for Multiplexed Detection of Alzheimer's Disease Core Biomarkers Using PAapt-AuNPs Conjugates. ACS Sensors, 2019, 4, 2140-2149.	7.8	94
17	Competitive fluorometric assay for the food toxin T-2 by using DNA-modified silver nanoclusters, aptamer-modified magnetic beads, and exponential isothermal amplification. Mikrochimica Acta, 2019, 186, 219.	5.0	22
18	Efficient Detection of Environmental Estrogens Bisphenol A and Estradiol By Sensing System Based on AuNP-AuNP-UCNP Triple Structure. Chinese Journal of Analytical Chemistry, 2018, 46, 486-492.	1.7	9

#	Article	IF	CITATIONS
19	High-specificity double-stranded DNA detection with a "humanoid―molecular beacon and TALEs. Nanoscale, 2018, 10, 18354-18361.	5.6	7
20	Upconversion Fluorescent Aptasensor for Polychlorinated Biphenyls Detection Based on Nicking Endonuclease and Hybridization Chain Reaction Dual-Amplification Strategy. Analytical Chemistry, 2018, 90, 9936-9942.	6.5	56
21	A label-free detection of diethylstilbestrol based on molecularly imprinted polymer-coated upconversion nanoparticles obtained by surface grafting. RSC Advances, 2017, 7, 22215-22221.	3.6	14