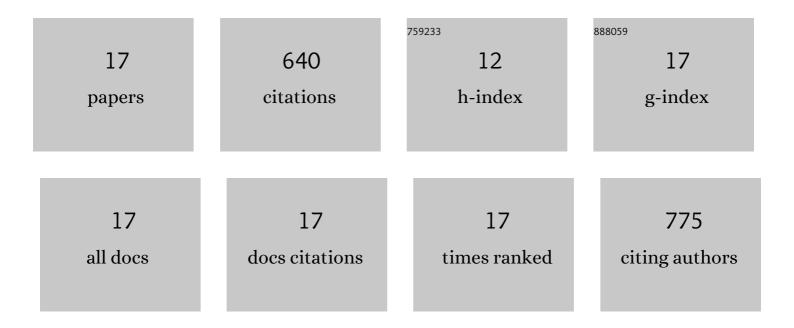
## Meng Xiao

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/781135/publications.pdf Version: 2024-02-01



MENC XIAO

#	Article	IF	CITATIONS
1	A Smartphone-Based Sensing System for On-Site Quantitation of Multiple Heavy Metal Ions Using Fluorescent Carbon Nanodots-Based Microarrays. ACS Sensors, 2020, 5, 870-878.	7.8	127
2	A smartphone-based quantitative point-of-care testing (POCT) system for simultaneous detection of multiple heavy metal ions. Chemical Engineering Journal, 2020, 394, 124966.	12.7	96
3	Ultrasensitive detection of avian influenza A (H7N9) virus using surface-enhanced Raman scattering-based lateral flow immunoassay strips. Analytica Chimica Acta, 2019, 1053, 139-147.	5.4	74
4	Virus Detection: From Stateâ€ofâ€theâ€Art Laboratories to Smartphoneâ€Based Pointâ€ofâ€Care Testing. Advan Science, 2022, 9, e2105904.	iced 11.2	66
5	A Portable Smart-Phone Readout Device for the Detection of Mercury Contamination Based on an Aptamer-Assay Nanosensor. Sensors, 2016, 16, 1871.	3.8	56
6	A new lateral-flow immunochromatographic strip combined with quantum dot nanobeads and gold nanoflowers for rapid detection of tetrodotoxin. Analyst, The, 2017, 142, 4393-4398.	3.5	39
7	A turn-on competitive immunochromatographic strips integrated with quantum dots and gold nano-stars for cadmium ion detection. Talanta, 2018, 178, 644-649.	5.5	38
8	A novel SERS-based lateral flow assay for differential diagnosis of wild-type pseudorabies virus and gE-deleted vaccine. Sensors and Actuators B: Chemical, 2019, 282, 152-157.	7.8	30
9	A membrane-based fluorescence-quenching immunochromatographic sensor for the rapid detection of tetrodotoxin. Food Control, 2017, 81, 101-106.	5.5	18
10	Integration of a 3D-printed read-out platform with a quantum dot-based immunoassay for detection of the avian influenza A (H7N9) virus. Analyst, The, 2019, 144, 2594-2603.	3.5	17
11	Multiplexed Detection of Fe3+, Cobalamin and Folate Using Fluorescent Nanoprobe-Based Microarrays and a Smartphone. Journal of Analysis and Testing, 2021, 5, 19-29.	5.1	15
12	Dual-Function Antibacterial Micelle <i>via</i> Self-Assembling Block Copolymers with Various Antibacterial Nanoparticles. ACS Omega, 2020, 5, 8523-8533.	3.5	13
13	A Rapid, Simple, and Low-Cost CD4 Cell Count Sensor Based on Blocking Immunochromatographic Strip System. ACS Sensors, 2019, 4, 1508-1514.	7.8	11
14	Logic Gate Design Using Multicolor Fluorescent Carbon Nanodots for Smartphone-Based Information Extraction. ACS Applied Nano Materials, 2021, 4, 8184-8191.	5.0	11
15	Practical immune-barometer sensor for trivalent chromium ion detection using gold core platinum shell nanoparticle probes. Analyst, The, 2018, 143, 1426-1433.	3.5	10
16	Point-of-need quantitation of 2,4-dichlorophenoxyacetic acid using a ratiometric fluorescent nanoprobe and a smartphone-based sensing system. Sensors and Actuators B: Chemical, 2022, 367, 132083.	7.8	10
17	A novel fluorescent immunochromatographic strip combined with pocket fluorescence observation instrument for rapid detection of PRV. Analytical and Bioanalytical Chemistry, 2018, 410, 7655-7661.	3.7	9