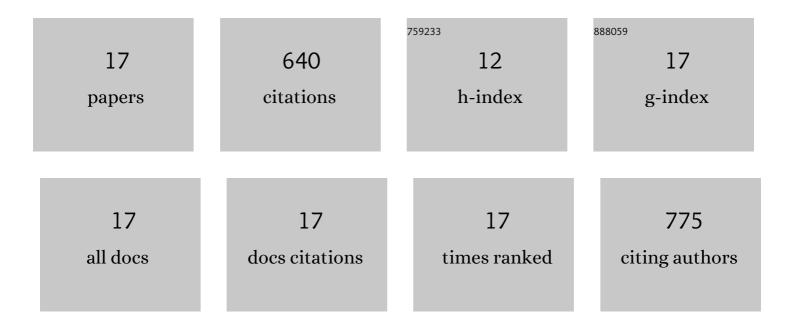
Meng Xiao

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 |