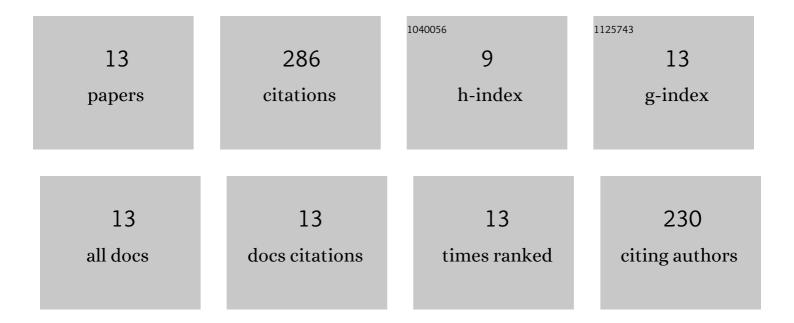
Xuan Zhang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2000242/publications.pdf

Version: 2024-02-01



XUAN ZHANC

#	Article	IF	CITATION
1	Zn-based metal organic framework-covalent organic framework composites for trace lead extraction and fluorescence detection of TNP. Journal of Hazardous Materials, 2021, 411, 125021.	12.4	60
2	Dual-Multivalent-Aptamer-Conjugated Nanoprobes for Superefficient Discerning of Single Circulating Tumor Cells in a Microfluidic Chip with Inductively Coupled Plasma Mass Spectrometry Detection. ACS Applied Materials & Interfaces, 2021, 13, 43668-43675.	8.0	38
3	Inertial-Force-Assisted, High-Throughput, Droplet-Free, Single-Cell Sampling Coupled with ICP-MS for Real-Time Cell Analysis. Analytical Chemistry, 2020, 92, 6604-6612.	6.5	36
4	A Spiral-Helix (3D) Tubing Array That Ensures Ultrahigh-Throughput Single-Cell Sampling. Analytical Chemistry, 2019, 91, 15826-15832.	6.5	31
5	Recent advances in single-cell ultra-trace analysis. TrAC - Trends in Analytical Chemistry, 2020, 127, 115886.	11.4	26
6	Three-gradient constructions in a flow-rate insensitive microfluidic system for drug screening towards personalized treatment. Talanta, 2020, 208, 120477.	5.5	22
7	The up-to-date strategies for the isolation and manipulation of single cells. Talanta, 2020, 218, 121147.	5.5	19
8	Two-Dimensional Cytometry Platform for Single-Particle/Cell Analysis with Laser-Induced Fluorescence and ICP–MS. Analytical Chemistry, 2021, 93, 8203-8209.	6.5	18
9	Regulating Secondary Flow in Ultra‣ow Aspect Ratio Microchannels by Dimensional Confinement. Advanced Theory and Simulations, 2018, 1, 1700034.	2.8	12
10	Immunolabeling lanthanide nanoparticles for alpha-fetoprotein measurement and cancer cells counting with detection of ICPâ"MS. Analytica Chimica Acta, 2022, 1201, 339639.	5.4	8
11	Intracellular silver speciation by coupling capillary electrophoresis to ICP-MS integrating a high performance spiral flow spray chamber. Analytica Chimica Acta, 2021, 1166, 338540.	5.4	7
12	Identification of intracellular cadmium transformation in HepG2 and MCF-7Âcells. Talanta, 2020, 218, 121065.	5.5	5
13	Cryogenic Laser Ablation in a Rapid Cooling Chamber Ensures Excellent Elemental Imaging in Fresh Biological Tissues. Analytical Chemistry, 2022, 94, 8547-8553.	6.5	4