

Cong Xu

List of Publications by Year in descending order

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1139
citing authors

#	ARTICLE	IF	CITATIONS
1	Galvanic Redox Potentiometry for <i>In Vivo</i> Sensing., 2021, , 453-481.		0
2	Dynamic Behavior of Charged Particles at the Nanopipette Orifice. ACS Sensors, 2021, 6, 2330-2338.	7.8	12
3	Label-Free Resistance Cytometry at the Orifice of a Nanopipette. Analytical Chemistry, 2021, 93, 2942-2949.	6.5	14
4	Natural Leukocyte Membrane-Masked Microelectrodes with an Enhanced Antifouling Ability and Biocompatibility for <i>In Vivo</i> Electrochemical Sensing. Analytical Chemistry, 2020, 92, 11374-11379.	6.5	48
5	Ubiquitin Linkage Specificity of Deubiquitinases Determines Cyclophilin Nuclear Localization and Degradation. IScience, 2020, 23, 100984.	4.1	5
6	Sizing Single Particles at the Orifice of a Nanopipette. ACS Sensors, 2020, 5, 2351-2358.	7.8	19
7	Assessment of Air Pollutant PM2.5 Pulmonary Exposure Using a 3D Lung-on-Chip Model. ACS Biomaterials Science and Engineering, 2020, 6, 3081-3090.	5.2	50
8	Engineering Liver Microtissues for Disease Modeling and Regenerative Medicine. Advanced Functional Materials, 2020, 30, 1909553.	14.9	28
9	Single-entity electrochemistry at confined sensing interfaces. Science China Chemistry, 2020, 63, 589-618.	8.2	38
10	<i>In Vivo</i> Electrochemical Sensors for Neurochemicals: Recent Update. ACS Sensors, 2019, 4, 3102-3118.	7.8	107
11	Bioinspired Engineering of Organ-on-Chip Devices. Advances in Experimental Medicine and Biology, 2019, 1174, 401-440.	1.6	7
12	Assessment of hepatic metabolism-dependent nephrotoxicity on an organs-on-a-chip microdevice. Toxicology in Vitro, 2018, 46, 1-8.	2.4	25
13	Counting and Sizing of Single Vesicles/Liposomes by Electrochemical Events. ChemElectroChem, 2018, 5, 2954-2962.	3.4	23
14	A 3D human lung-on-a-chip model for nanotoxicity testing. Toxicology Research, 2018, 7, 1048-1060.	2.1	132
15	Bioinspired onion epithelium-like structure promotes the maturation of cardiomyocytes derived from human pluripotent stem cells. Biomaterials Science, 2017, 5, 1810-1819.	5.4	28
16	Simple Spinning of Heterogeneous Hollow Microfibers on Chip. Advanced Materials, 2016, 28, 6649-6655.	21.0	83
17	Human induced pluripotent stem cell-derived cardiac tissue on a thin collagen membrane with natural microstructures. Biomaterials Science, 2016, 4, 1655-1662.	5.4	6
18	Assessment of metabolism-dependent drug efficacy and toxicity on a multilayer organs-on-a-chip. Integrative Biology (United Kingdom), 2016, 8, 1022-1029.	1.3	41

#	ARTICLE	IF	CITATIONS
19	Human induced pluripotent stem cell-derived beating cardiac tissues on paper. Lab on A Chip, 2015, 15, 4283-4290.	6.0	53