

Cong Xu

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

719
citations

687363

13
h-index

839539

18
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19
all docs

19
docs citations

19
times ranked

1139
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | A 3D human lung-on-a-chip model for nanotoxicity testing. <i>Toxicology Research</i> , 2018, 7, 1048-1060. | 2.1 | 132 |
| 2 | <i>In Vivo</i> Electrochemical Sensors for Neurochemicals: Recent Update. <i>ACS Sensors</i> , 2019, 4, 3102-3118. | 7.8 | 107 |
| 3 | Simple Spinning of Heterogeneous Hollow Microfibers on Chip. <i>Advanced Materials</i> , 2016, 28, 6649-6655. | 21.0 | 83 |
| 4 | Human induced pluripotent stem cell-derived beating cardiac tissues on paper. <i>Lab on A Chip</i> , 2015, 15, 4283-4290. | 6.0 | 53 |
| 5 | Assessment of Air Pollutant PM2.5 Pulmonary Exposure Using a 3D Lung-on-Chip Model. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 3081-3090. | 5.2 | 50 |
| 6 | Natural Leukocyte Membrane-Masked Microelectrodes with an Enhanced Antifouling Ability and Biocompatibility for <i>In Vivo</i> Electrochemical Sensing. <i>Analytical Chemistry</i> , 2020, 92, 11374-11379. | 6.5 | 48 |
| 7 | Assessment of metabolism-dependent drug efficacy and toxicity on a multilayer organs-on-a-chip. <i>Integrative Biology (United Kingdom)</i> , 2016, 8, 1022-1029. | 1.3 | 41 |
| 8 | Single-entity electrochemistry at confined sensing interfaces. <i>Science China Chemistry</i> , 2020, 63, 589-618. | 8.2 | 38 |
| 9 | Bioinspired onion epithelium-like structure promotes the maturation of cardiomyocytes derived from human pluripotent stem cells. <i>Biomaterials Science</i> , 2017, 5, 1810-1819. | 5.4 | 28 |
| 10 | Engineering Liver Microtissues for Disease Modeling and Regenerative Medicine. <i>Advanced Functional Materials</i> , 2020, 30, 1909553. | 14.9 | 28 |
| 11 | Assessment of hepatic metabolism-dependent nephrotoxicity on an organs-on-a-chip microdevice. <i>Toxicology in Vitro</i> , 2018, 46, 1-8. | 2.4 | 25 |
| 12 | Counting and Sizing of Single Vesicles/Liposomes by Electrochemical Events. <i>ChemElectroChem</i> , 2018, 5, 2954-2962. | 3.4 | 23 |
| 13 | Sizing Single Particles at the Orifice of a Nanopipette. <i>ACS Sensors</i> , 2020, 5, 2351-2358. | 7.8 | 19 |
| 14 | Label-Free Resistance Cytometry at the Orifice of a Nanopipette. <i>Analytical Chemistry</i> , 2021, 93, 2942-2949. | 6.5 | 14 |
| 15 | Dynamic Behavior of Charged Particles at the Nanopipette Orifice. <i>ACS Sensors</i> , 2021, 6, 2330-2338. | 7.8 | 12 |
| 16 | Bioinspired Engineering of Organ-on-Chip Devices. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1174, 401-440. | 1.6 | 7 |
| 17 | Human induced pluripotent stem cell-derived cardiac tissue on a thin collagen membrane with natural microstructures. <i>Biomaterials Science</i> , 2016, 4, 1655-1662. | 5.4 | 6 |
| 18 | Ubiquitin Linkage Specificity of Deubiquitinases Determines Cyclophilin Nuclear Localization and Degradation. <i>IScience</i> , 2020, 23, 100984. | 4.1 | 5 |

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|----|--|----|-----------|
| 19 | Galvanic Redox Potentiometry for <i>In Vivo</i> Sensing., 2021, , 453-481. | | 0 |