

Zida Li

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

1,692
citations

304701

22
h-index

302107

39
g-index

57
all docs

57
docs citations

57
times ranked

2653
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Accelerating Socket Repair via WNT3A Curtails Alveolar Ridge Resorption. <i>Journal of Dental Research</i> , 2022, 101, 102-110. | 5.2 | 5 |
| 2 | High-Throughput Functional Screening of Antigen-Specific T Cells Based on Droplet Microfluidics at a Single-Cell Level. <i>Analytical Chemistry</i> , 2022, 94, 918-926. | 6.5 | 21 |
| 3 | Point-of-care blood coagulation assay enabled by printed circuit board-based digital microfluidics. <i>Lab on A Chip</i> , 2022, 22, 709-716. | 6.0 | 9 |
| 4 | Deepâ€LAMP: Deep Learningâ€Enabled Polydisperse Emulsionâ€Based Digital Loopâ€Mediated Isothermal Amplification. <i>Advanced Science</i> , 2022, 9, e2105450. | 11.2 | 6 |
| 5 | Singleâ€Cell Sequencing to Unveil the Mystery of Embryonic Development. <i>Advanced Biology</i> , 2022, 6, e2101151. | 2.5 | 2 |
| 6 | Point-of-Care Blood Coagulation Assay Based on Dynamic Monitoring of Blood Viscosity Using Droplet Microfluidics. <i>ACS Sensors</i> , 2022, , . | 7.8 | 9 |
| 7 | Generation and Screening of Antigen-Specific Nanobodies from Mammalian Cells Expressing the BCR Repertoire Library Using Droplet-Based Microfluidics. <i>Analytical Chemistry</i> , 2022, 94, 7970-7980. | 6.5 | 5 |
| 8 | Emerging biosensing technologies for improved diagnostics of COVID-19 and future pandemics. <i>Talanta</i> , 2021, 225, 121986. | 5.5 | 43 |
| 9 | Stretchable Supercapacitors as Emergent Energy Storage Units for Health Monitoring Bioelectronics. <i>Advanced Energy Materials</i> , 2020, 10, 1902769. | 19.5 | 93 |
| 10 | Recent advances in solar-driven evaporation systems. <i>Journal of Materials Chemistry A</i> , 2020, 8, 25571-25600. | 10.3 | 77 |
| 11 | Evaluation of synuclein- β levels by novel monoclonal antibody in saliva and cancer tissues from oral squamous cell carcinoma patients. <i>Neoplasia</i> , 2020, 67, 707-713. | 1.6 | 7 |
| 12 | Microengineered Flexural Post Rings for Effective Blood Sample Fencing and High-Throughput Measurement of Clot Retraction Force. <i>ACS Sensors</i> , 2020, 5, 3949-3955. | 7.8 | 0 |
| 13 | Controlled modelling of human epiblast and amnion development using stem cells. <i>Nature</i> , 2019, 573, 421-425. | 27.8 | 338 |
| 14 | Microengineered human amniotic ectoderm tissue array for high-content developmental phenotyping. <i>Biomaterials</i> , 2019, 216, 119244. | 11.4 | 22 |
| 15 | Dean Flow Assisted Single Cell and Bead Encapsulation for High Performance Single Cell Expression Profiling. <i>ACS Sensors</i> , 2019, 4, 1299-1305. | 7.8 | 34 |
| 16 | Multiple splitting of droplets using multi-furcating microfluidic channels. <i>Biomicrofluidics</i> , 2019, 13, 024112. | 2.4 | 11 |
| 17 | Liver Transplantation for Hemolysis, Elevated Liver Enzymes, and Low Platelet Count Syndrome: A Propensity-score Matched Long-term Survival of the Scientific Registry of Transplant Recipients Dataset. <i>Transplantation Proceedings</i> , 2019, 51, 805-812. | 0.6 | 3 |
| 18 | Dorsal-ventral patterned neural cyst from human pluripotent stem cells in a neurogenic niche. <i>Science Advances</i> , 2019, 5, eaax5933. | 10.3 | 59 |

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|----|--|------|-----------|
| 19 | Biophysical phenotypes and determinants of anterior vs. posterior primitive streak cells derived from human pluripotent stem cells. <i>Acta Biomaterialia</i> , 2019, 86, 125-134. | 8.3 | 8 |
| 20 | Osteoporotic Changes in the Periodontium Impair Alveolar Bone Healing. <i>Journal of Dental Research</i> , 2019, 98, 450-458. | 5.2 | 35 |
| 21 | Carbon Nanotube Strain Sensor Based Hemoretractometer for Blood Coagulation Testing. <i>ACS Sensors</i> , 2018, 3, 670-676. | 7.8 | 8 |
| 22 | Tumor-secreted anterior gradient-2 binds to VEGF and FGF2 and enhances their activities by promoting their homodimerization. <i>Oncogene</i> , 2017, 36, 5098-5109. | 5.9 | 45 |
| 23 | Acoustic tweezing cytometry enhances osteogenesis of human mesenchymal stem cells through cytoskeletal contractility and YAP activation. <i>Biomaterials</i> , 2017, 134, 22-30. | 11.4 | 57 |
| 24 | Capillary assisted deposition of carbon nanotube film for strain sensing. <i>Applied Physics Letters</i> , 2017, 111, 173105. | 3.3 | 14 |
| 25 | Tracking the tumor invasion front using long-term fluidic tumoroid culture. <i>Scientific Reports</i> , 2017, 7, 10784. | 3.3 | 24 |
| 26 | Controlled Tubular Unit Formation from Collagen Film for Modular Tissue Engineering. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 2860-2868. | 5.2 | 11 |
| 27 | A Miniaturized Hemoretractometer for Blood Clot Retraction Testing. <i>Small</i> , 2016, 12, 3926-3934. | 10.0 | 24 |
| 28 | SHP-2-upregulated ZEB1 is important for PDGFR α -driven glioma epithelial \rightarrow mesenchymal transition and invasion in mice and humans. <i>Oncogene</i> , 2016, 35, 5641-5652. | 5.9 | 72 |
| 29 | New-Onset Diabetes Mellitus in Liver Transplant Recipients With Hepatitis C: Analysis of the National Database. <i>Transplantation Proceedings</i> , 2016, 48, 138-144. | 0.6 | 9 |
| 30 | Clot Retraction: A Miniaturized Hemoretractometer for Blood Clot Retraction Testing (Small) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 | 10.0 | 10 |
| 31 | Methicillin-Resistant <i>Staphylococcus Aureus</i> infection exacerbates NSCLC cell metastasis by up-regulating TLR4/MyD88 pathway. <i>Cellular and Molecular Biology</i> , 2016, 62, 1-7. | 0.9 | 4 |
| 32 | Diagnose and Management of Ureteral Endometriosis: A Report of 24 Cases. <i>Journal of Minimally Invasive Gynecology</i> , 2015, 22, S174. | 0.6 | 1 |
| 33 | The inhibition of high-voltage-activated calcium current by activation of MrgC11 involves phospholipase C-dependent mechanisms. <i>Neuroscience</i> , 2015, 300, 393-403. | 2.3 | 13 |
| 34 | Drag-induced breakup mechanism for droplet generation in dripping within flow focusing microfluidics. <i>Chinese Journal of Chemical Engineering</i> , 2015, 23, 7-14. | 3.5 | 20 |
| 35 | A Randomised Controlled Trial to Evaluate the Effectiveness of Intrathecal Bupivacaine Combined with Different Adjuvants (Fentanyl, Clonidine and Dexmedetomidine) in Caesarean Section. <i>Drug Research</i> , 2015, 65, 581-586. | 1.7 | 30 |
| 36 | Emerging microengineered tools for functional analysis and phenotyping of blood cells. <i>Trends in Biotechnology</i> , 2014, 32, 586-594. | 9.3 | 18 |

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|----|--|-----|-----------|
| 37 | Temporal changes in MrgC expression after spinal nerve injury. <i>Neuroscience</i> , 2014, 261, 43-51. | 2.3 | 24 |
| 38 | Syringe-pump-induced fluctuation in all-aqueous microfluidic system implications for flow rate accuracy. <i>Lab on A Chip</i> , 2014, 14, 744. | 6.0 | 139 |
| 39 | Musical Interfaces: Visualization and Reconstruction of Music with a Microfluidic Two-Phase Flow. <i>Scientific Reports</i> , 2014, 4, 6675. | 3.3 | 20 |
| 40 | Nucleophosmin is essential for c-Myc nucleolar localization and c-Myc-mediated rDNA transcription. <i>Oncogene</i> , 2013, 32, 1988-1994. | 5.9 | 46 |
| 41 | <i>Tim3</i> gene polymorphisms in patients with chronic hepatitis B virus infection: impact on disease susceptibility and hepatocellular carcinoma traits. <i>Tissue Antigens</i> , 2012, 80, 151-157. | 1.0 | 22 |
| 42 | Polypeptide N-acetylgalactosaminyltransferase 6 expression in pancreatic cancer is an independent prognostic factor indicating better overall survival. <i>British Journal of Cancer</i> , 2011, 104, 1882-1889. | 6.4 | 62 |
| 43 | A microfluidic "treadmill" for sperm selective trapping according to motility classification. , 2011, , . | | 1 |
| 44 | A reconfigurable parallel kinematic drilling machine and its motion planning. <i>International Journal of Computer Integrated Manufacturing</i> , 2005, 18, 610-614. | 4.6 | 8 |
| 45 | Tissue remodeling of rat pulmonary arteries in recovery from hypoxic hypertension. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 11488-11493. | 7.1 | 9 |
| 46 | Involvement of Ca ²⁺ -Activated K ⁺ Channels in Ginsenosides-Induced Aortic Relaxation in Rats. <i>Journal of Cardiovascular Pharmacology</i> , 2001, 37, 41-47. | 1.9 | 47 |
| 47 | The effect of pentylentetrazole-kindling on the extracellular glutamate and taurine levels in the frontal cortex of rats. <i>Neuroscience Letters</i> , 2000, 282, 117-119. | 2.1 | 25 |
| 48 | Induction of inducible nitric oxide synthase by ginsenosides in cultured porcine endothelial cells. <i>Life Sciences</i> , 2000, 67, 2983-2989. | 4.3 | 19 |
| 49 | Estrogen Modulates a Large Conductance Chloride Channel in Cultured Porcine Aortic Endothelial Cells. <i>Journal of Cardiovascular Pharmacology</i> , 2000, 35, 506-510. | 1.9 | 24 |
| 50 | Expression of endothelin-1 in macrophages and mast cells in hyperplastic human tonsils. <i>FEBS Letters</i> , 1999, 457, 381-384. | 2.8 | 13 |
| 51 | GABAergic inputs modulate effects of interleukin-1 β on supraoptic neurones in vitro. <i>NeuroReport</i> , 1993, 5, 181. | 1.2 | 23 |
| 52 | Interleukin-1 β directly excites hypothalamic supraoptic neurons in rats in vitro. <i>NeuroReport</i> , 1992, 3, 91-93. | 1.2 | 38 |
| 53 | Expression of the cardiac Na ⁽⁺⁾ -Ca ²⁺ exchanger in insect cells using a baculovirus vector. <i>Journal of Biological Chemistry</i> , 1992, 267, 7828-33. | 3.4 | 33 |
| 54 | Dynamics for Dense Packing of Colloids. <i>Advanced Materials Research</i> , 0, 465, 248-254. | 0.3 | 0 |