

Shuqi Wang

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

3,856
citations

136885

32
h-index

182361

51
g-index

52
all docs

52
docs citations

52
times ranked

6154
citing authors

#	ARTICLE	IF	CITATIONS
1	Advances in paper-based point-of-care diagnostics. <i>Biosensors and Bioelectronics</i> , 2014, 54, 585-597.	5.3	826
2	Integration of cell phone imaging with microchip ELISA to detect ovarian cancer HE4 biomarker in urine at the point-of-care. <i>Lab on A Chip</i> , 2011, 11, 3411.	3.1	228
3	An integrated double-filtration microfluidic device for isolation, enrichment and quantification of urinary extracellular vesicles for detection of bladder cancer. <i>Scientific Reports</i> , 2017, 7, 46224.	1.6	201
4	Flexible Substrate-Based Devices for Point-of-Care Diagnostics. <i>Trends in Biotechnology</i> , 2016, 34, 909-921.	4.9	180
5	3D Spatiotemporal Mechanical Microenvironment: A Hydrogel-Based Platform for Guiding Stem Cell Fate. <i>Advanced Materials</i> , 2018, 30, e1705911.	11.1	162
6	Nanoplasmonic Quantitative Detection of Intact Viruses from Unprocessed Whole Blood. <i>ACS Nano</i> , 2013, 7, 4733-4745.	7.3	158
7	Advances in developing HIV-1 viral load assays for resource-limited settings. <i>Biotechnology Advances</i> , 2010, 28, 770-781.	6.0	142
8	Paper-based sample-to-answer molecular diagnostic platform for point-of-care diagnostics. <i>Biosensors and Bioelectronics</i> , 2015, 74, 427-439.	5.3	120
9	Point-of-care assays for tuberculosis: Role of nanotechnology/microfluidics. <i>Biotechnology Advances</i> , 2013, 31, 438-449.	6.0	108
10	Advances in addressing technical challenges of point-of-care diagnostics in resource-limited settings. <i>Expert Review of Molecular Diagnostics</i> , 2016, 16, 449-459.	1.5	103
11	Development of a biomimetic liver tumor-on-a-chip model based on decellularized liver matrix for toxicity testing. <i>Lab on A Chip</i> , 2018, 18, 3379-3392.	3.1	99
12	Emerging Technologies for Point-of-Care Management of HIV Infection. <i>Annual Review of Medicine</i> , 2015, 66, 387-405.	5.0	97
13	A decade of progress in liver regenerative medicine. <i>Biomaterials</i> , 2018, 157, 161-176.	5.7	89
14	Plasmonic-based platforms for diagnosis of infectious diseases at the point-of-care. <i>Biotechnology Advances</i> , 2019, 37, 107440.	6.0	89
15	Micro-a-fluidics ELISA for Rapid CD4 Cell Count at the Point-of-Care. <i>Scientific Reports</i> , 2014, 4, 3796.	1.6	85
16	Efficient on-chip isolation of HIV subtypes. <i>Lab on A Chip</i> , 2012, 12, 1508.	3.1	73
17	Portable microfluidic chip for detection of <i>Escherichia coli</i> in produce and blood. <i>International Journal of Nanomedicine</i> , 2012, 7, 2591.	3.3	72
18	Advances in biosensing strategies for HIV-1 detection, diagnosis, and therapeutic monitoring. <i>Advanced Drug Delivery Reviews</i> , 2016, 103, 90-104.	6.6	66

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19	A wearable microfluidic device for rapid detection of HIV-1 DNA using recombinase polymerase amplification. <i>Talanta</i> , 2019, 205, 120155.	2.9	66
20	NK-Cell-Encapsulated Porous Microspheres via Microfluidic Electrospray for Tumor Immunotherapy. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 33716-33724.	4.0	63
21	Metastasis-on-a-chip mimicking the progression of kidney cancer in the liver for predicting treatment efficacy. <i>Theranostics</i> , 2020, 10, 300-311.	4.6	60
22	Multitarget, quantitative nanoplasmonic electrical field-enhanced resonating device (NE Tj ETQqO 0 0 rgBT /Overlock 10 Tf 50 627 Td (States of America, 2015, 112, E4354-63.	3.3	56
23	Simple filter microchip for rapid separation of plasma and viruses from whole blood. <i>International Journal of Nanomedicine</i> , 2012, 7, 5019.	3.3	54
24	Engineering physical microenvironment for stem cell based regenerative medicine. <i>Drug Discovery Today</i> , 2014, 19, 763-773.	3.2	53
25	Calmodulin shuttling mediates cytonuclear signaling to trigger experience-dependent transcription and memory. <i>Nature Communications</i> , 2018, 9, 2451.	5.8	51
26	High-throughput Characterization of HIV-1 Reservoir Reactivation Using a Single-Cell-in-Droplet PCR Assay. <i>EBioMedicine</i> , 2017, 20, 217-229.	2.7	50
27	Molybdenum disulfide-integrated photonic barcodes for tumor markers screening. <i>Biosensors and Bioelectronics</i> , 2019, 133, 199-204.	5.3	47
28	Hollow Colloid Assembled Photonic Crystal Clusters as Suspension Barcodes for Multiplex Bioassays. <i>Small</i> , 2019, 15, e1900056.	5.2	43
29	Recent advances in micro/nanotechnologies for global control of hepatitis B infection. <i>Biotechnology Advances</i> , 2015, 33, 178-190.	6.0	38
30	Humanâ€œonâ€œLeafâ€œChip: A Biomimetic Vascular System Integrated with Chamberâ€œSpecific Organs. <i>Small</i> , 2020, 16, e2000546.	5.2	38
31	Emerging technologies for monitoring drug-resistant tuberculosis at the point-of-care. <i>Advanced Drug Delivery Reviews</i> , 2014, 78, 105-117.	6.6	35
32	Advances in Nanotechnology and Microfluidics for Human Papillomavirus Diagnostics. <i>Proceedings of the IEEE</i> , 2015, 103, 161-178.	16.4	32
33	Cell membrane-encapsulated magnetic nanoparticles for enhancing natural killer cell-mediated cancer immunotherapy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021, 32, 102333.	1.7	27
34	Paper-based point-of-care testing for diagnosis of dengue infections. <i>Critical Reviews in Biotechnology</i> , 2017, 37, 100-111.	5.1	26
35	Isolation, Detection, and Quantification of Cancer Biomarkers in HPV-Associated Malignancies. <i>Scientific Reports</i> , 2017, 7, 3322.	1.6	26
36	Microchip-based ultrafast serodiagnostic assay for tuberculosis. <i>Scientific Reports</i> , 2016, 6, 35845.	1.6	25

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37	An Integrated Double-Filtration Microfluidic Device for Detection of Extracellular Vesicles from Urine for Bladder Cancer Diagnosis. <i>Methods in Molecular Biology</i> , 2017, 1660, 355-364.	0.4	25
38	In vitrospatially organizing the differentiation in individual multicellular stem cell aggregates. <i>Critical Reviews in Biotechnology</i> , 2016, 36, 20-31.	5.1	24
39	A bioartificial liver support system integrated with a DLM/GelMA-based bioengineered whole liver for prevention of hepatic encephalopathy <i>via</i> enhanced ammonia reduction. <i>Biomaterials Science</i> , 2020, 8, 2814-2824.	2.6	21
40	Development of digital organ-on-a-chip to assess hepatotoxicity and extracellular vesicle-based anti-liver cancer immunotherapy. <i>Bio-Design and Manufacturing</i> , 2022, 5, 437-450.	3.9	16
41	Recent advances in the development of in vitro liver models for hepatotoxicity testing. <i>Bio-Design and Manufacturing</i> , 2021, 4, 717-734.	3.9	14
42	Paper-based capacitive sensors for identification and quantification of chemicals at the point of care. <i>Talanta</i> , 2017, 165, 419-428.	2.9	12
43	Association of the genetic polymorphisms of metabolizing enzymes, transporters, target receptors and their interactions with treatment response to olanzapine in chinese han schizophrenia patients. <i>Psychiatry Research</i> , 2020, 293, 113470.	1.7	11
44	Microchips for detection of exfoliated tumor cells in urine for identification of bladder cancer. <i>Analytica Chimica Acta</i> , 2018, 1044, 93-101.	2.6	9
45	Microchip ELISA Coupled with Cell Phone to Detect Ovarian Cancer HE4 Biomarker in Urine. <i>Methods in Molecular Biology</i> , 2015, 1256, 111-121.	0.4	9
46	Development of a microfluidic system for measuring HIV-1 viral load. <i>Proceedings of SPIE</i> , 2010, 7666, 76661H.	0.8	7
47	Latent Syphilis Among Inpatients in an Urban Area of China. <i>Global Journal of Health Science</i> , 2014, 7, 249-53.	0.1	7
48	Association of 5-HTR2A -1438A/G polymorphism with anorexia nervosa and bulimia nervosa: A meta-analysis. <i>Neuroscience Letters</i> , 2021, 755, 135918.	1.0	6
49	Association of 5-HTR2A T102C and A-1438G polymorphisms with clinical response to atypical antipsychotic treatment in schizophrenia: A meta-analysis. <i>Neuroscience Letters</i> , 2022, 770, 136395.	1.0	4
50	In Vivo Kidney Allograft Endothelial Specific Scavengers for Onâ€Site Inflammation Reduction under Antibodyâ€Mediated Rejection. <i>Small</i> , 2022, 18, e2106746.	5.2	2
51	Organâ€Onâ€Aâ€Chip Systems: Humanâ€Onâ€Leafâ€Chip: A Biomimetic Vascular System Integrated with Chamberâ€Specific Organs (<i>Small</i> 22/2020). <i>Small</i> , 2020, 16, 2070124.	5.2	1
52	Lab-on-Chip: Acute On-Chip HIV Detection Through Label-Free Electrical Sensing of Viral Nano-Lysate (<i>Small</i> 15/2013). <i>Small</i> , 2013, 9, 2478-2478.	5.2	0