

# Xuena Zhu

## List of Publications by Year in descending order

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15  
papers

709  
citations

933410

10  
h-index

1199563

12  
g-index

15  
all docs

15  
docs citations

15  
times ranked

1293  
citing authors

#	ARTICLE	IF	CITATIONS
1	Paper based point-of-care testing disc for multiplex whole cell bacteria analysis. <i>Biosensors and Bioelectronics</i> , 2011, 26, 4342-4348.	10.1	192
2	<i>In Situ</i> Amplification of Intracellular MicroRNA with MNzyme Nanodevices for Multiplexed Imaging, Logic Operation, and Controlled Drug Release. <i>ACS Nano</i> , 2015, 9, 789-798.	14.6	118
3	Biosensing Approaches for Rapid Genotoxicity and Cytotoxicity Assays upon Nanomaterial Exposure. <i>Small</i> , 2013, 9, 1821-1830.	10.0	92
4	A paper electrode integrated lateral flow immunosensor for quantitative analysis of oxidative stress induced DNA damage. <i>Analyst</i> , 2014, 139, 2850-2857.	3.5	70
5	Development of paper-based analytical kit for point-of-care testing. <i>Expert Review of Molecular Diagnostics</i> , 2013, 13, 83-91.	3.1	59
6	Using a glucose meter to quantitatively detect disease biomarkers through a universal nanozyme integrated lateral fluidic sensing platform. <i>Biosensors and Bioelectronics</i> , 2019, 126, 690-696.	10.1	44
7	Chip based single cell analysis for nanotoxicity assessment. <i>Analyst</i> , 2014, 139, 2088-2098.	3.5	41
8	Microelectromechanical System-Based Sensing Arrays for Comparative in Vitro Nanotoxicity Assessment at Single Cell and Small Cell-Population Using Electrochemical Impedance Spectroscopy. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 5804-5812.	8.0	37
9	Lab-on-chip device for single cell trapping and analysis. <i>Biomedical Microdevices</i> , 2014, 16, 35-41.	2.8	24
10	Biosensing of DNA oxidative damage: a model of using glucose meter for non-glucose biomarker detection. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 979-987.	6.7	18
11	PC12 cell integrated biosensing neuron devices for evaluating neuronal exocytosis function upon silver nanoparticles exposure. <i>Science China Chemistry</i> , 2015, 58, 1600-1604.	8.2	8
12	Electrochemical Lateral Flow Paper Strip for Oxidative-Stress Induced DNA Damage Assessment. <i>Methods in Molecular Biology</i> , 2017, 1572, 23-39.	0.9	3
13	Introduction "Biointeractions of Nanomaterials: Challenges and Solutions." , 2014, , 20-67.		2
14	Development of a Cell-Chip Array for Single Cell Capturing Using Dielectrophoresis. , 2013, , .		1
15	Paper-based Immunosensor for Oxidative DNA Damage Biomarker Detection. , 2013, , .		0