

Jinpeng Wang

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

663
citations

840776

11
h-index

1125743

13
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17
all docs

17
docs citations

17
times ranked

849
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of an Aptamer-Based Electrochemical Microfluidic Device for Viral Vaccine Quantitation. <i>Analytical Chemistry</i> , 2022, 94, 6146-6155.	6.5	4
2	Machine learning guided aptamer refinement and discovery. <i>Nature Communications</i> , 2021, 12, 2366.	12.8	56
3	Real-Time Monitoring of a Protein Biomarker. <i>ACS Sensors</i> , 2020, 5, 1877-1881.	7.8	60
4	Multiparameter Particle Display (MPPD): A Quantitative Screening Method for the Discovery of Highly Specific Aptamers. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 744-747.	13.8	71
5	Multiparameter Particle Display (MPPD): A Quantitative Screening Method for the Discovery of Highly Specific Aptamers. <i>Angewandte Chemie</i> , 2017, 129, 762-765.	2.0	6
6	Rapid and Label-Free Strategy to Isolate Aptamers for Metal Ions. <i>ACS Nano</i> , 2016, 10, 7558-7565.	14.6	137
7	High-Throughput Discovery of Aptamers for Sandwich Assays. <i>Analytical Chemistry</i> , 2016, 88, 10842-10847.	6.5	14
8	Particle Display: A Quantitative Screening Method for Generating High-Affinity Aptamers. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4796-4801.	13.8	96
9	Frontispiece: Particle Display: A Quantitative Screening Method for Generating High-Affinity Aptamers. <i>Angewandte Chemie - International Edition</i> , 2014, 53, n/a-n/a.	13.8	0
10	Selection Strategy to Generate Aptamer Pairs that Bind to Distinct Sites on Protein Targets. <i>Analytical Chemistry</i> , 2012, 84, 5365-5371.	6.5	62
11	Influence of Target Concentration and Background Binding on In Vitro Selection of Affinity Reagents. <i>PLoS ONE</i> , 2012, 7, e43940.	2.5	53
12	Selection of phage-displayed peptides on live adherent cells in microfluidic channels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 6909-6914.	7.1	57
13	A DEP-assisted single-cell electroporation chip with low operation voltage. , 2010, , .		4
14	Guided growth of smooth muscle cell on poly(3-hydroxybutyrate-co-3-hydroxyhexanoate) scaffolds with uniaxial microtubular structures. <i>Journal of Biomedical Materials Research - Part A</i> , 2008, 86A, 849-856.	4.0	14
15	Numerical Analysis and Optimization of Insulator-based Dielectrophoresis Devices for Cell Sorter Applications. , 2007, , .		0