

Wen Yu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1642175/publications.pdf>

Version: 2024-02-01

10
papers

223
citations

1163117

8
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

338
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual-amplified strategy for ultrasensitive electrochemical biosensor based on click chemistry-mediated enzyme-assisted target recycling and functionalized fullerene nanoparticles in the detection of microRNA-141. <i>Biosensors and Bioelectronics</i> , 2020, 150, 111964.	10.1	53
2	Investigation of Micromixing Efficiency in a Novel High-Throughput Microporous Tube-in-Tube Microchannel Reactor. <i>Industrial & Engineering Chemistry Research</i> , 2009, 48, 5004-5009.	3.7	38
3	Analogous modified DNA probe and immune competition method-based electrochemical biosensor for RNA modification. <i>Biosensors and Bioelectronics</i> , 2018, 114, 72-77.	10.1	33
4	An "off-on" fluorescent switch assay for microRNA using nonenzymatic ligation-rolling circle amplification. <i>Mikrochimica Acta</i> , 2017, 184, 4323-4330.	5.0	26
5	Electrochemical competitive immunodetection of messenger RNA modified with N6-methyladenosine by using DNA-modified mesoporous PtCo nanospheres. <i>Mikrochimica Acta</i> , 2020, 187, 31.	5.0	22
6	High-Discrimination Factor Nanosensor Based on Tetrahedral DNA Nanostructures and Gold Nanoparticles for Detection of MiRNA-21 in Live Cells. <i>Theranostics</i> , 2018, 8, 2424-2434.	10.0	17
7	Specific discrimination and universal signal amplification for RNA detection by coupling toehold exchange with RCA through nucleolytic conversion of a structure-switched hairpin probe. <i>Analytica Chimica Acta</i> , 2019, 1068, 96-103.	5.4	13
8	Ultradrawing and ultimate tensile properties of ultrahigh molecular weight polyethylene composite fibers filled with functionalized nanoalumina fillers. <i>Polymer Engineering and Science</i> , 2015, 55, 2205-2214.	3.1	8
9	MiR542-3p Regulates the Epithelial-Mesenchymal Transition by Directly Targeting BMP7 in NRK52e. <i>International Journal of Molecular Sciences</i> , 2015, 16, 27945-27955.	4.1	8
10	Systematic comparison between toehold exchange and toehold displacement: exploration for highly specific and sensitive DNA detection. <i>RSC Advances</i> , 2017, 7, 40858-40865.	3.6	5