

Xiangling Xiong

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11921583/publications.pdf>

Version: 2024-02-01

14
papers

1,919
citations

686830

13
h-index

1058022

14
g-index

15
all docs

15
docs citations

15
times ranked

3077
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of DNA aptamers using Cell-SELEX. <i>Nature Protocols</i> , 2010, 5, 1169-1185.	5.5	706
2	Aptamer-Enabled Efficient Isolation of Cancer Cells from Whole Blood Using a Microfluidic Device. <i>Analytical Chemistry</i> , 2012, 84, 4199-4206.	3.2	214
3	DNA Aptamer-Mediated Cell Targeting. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1472-1476.	7.2	137
4	Responsive DNA-Based Hydrogels and Their Applications. <i>Macromolecular Rapid Communications</i> , 2013, 34, 1271-1283.	2.0	129
5	Engineering of Switchable Aptamer Micelle Fleas for Molecular Imaging in Living Cells. <i>ACS Nano</i> , 2013, 7, 5724-5731.	7.3	124
6	Smart Multifunctional Nanostructure for Targeted Cancer Chemotherapy and Magnetic Resonance Imaging. <i>ACS Nano</i> , 2011, 5, 7866-7873.	7.3	115
7	Semiquantification of ATP in Live Cells Using Nonspecific Desorption of DNA from Graphene Oxide as the Internal Reference. <i>Analytical Chemistry</i> , 2012, 84, 8622-8627.	3.2	109
8	Aptamer-Conjugated Multifunctional Nanoflowers as a Platform for Targeting, Capture, and Detection in Laser Desorption Ionization Mass Spectrometry. <i>ACS Nano</i> , 2013, 7, 417-427.	7.3	100
9	DNA Branch Migration Reactions Through Photocontrollable Toehold Formation. <i>Journal of the American Chemical Society</i> , 2013, 135, 7967-7973.	6.6	93
10	Self-Assembled Aptamer-Based Drug Carriers for Bispecific Cytotoxicity to Cancer Cells. <i>Chemistry - an Asian Journal</i> , 2012, 7, 1630-1636.	1.7	62
11	Engineering Polymeric Aptamers for Selective Cytotoxicity. <i>Journal of the American Chemical Society</i> , 2011, 133, 13380-13386.	6.6	61
12	Nucleic Acid Aptamers for Living Cell Analysis. <i>Annual Review of Analytical Chemistry</i> , 2014, 7, 405-426.	2.8	24
13	Magnetically Driven Single DNA Nanomotor. <i>Small</i> , 2011, 7, 601-605.	5.2	12
14	MODIFYING CELLULAR PROPERTIES USING ARTIFICIAL APTAMER-LIPID RECEPTORS. <i>FASEB Journal</i> , 2011, 25, 1b386.	0.2	0