

Hui Wang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

12
papers

1,561
citations

9
h-index

12
g-index

12
ext. papers

1,674
ext. citations

10.2
avg, IF

3.92
L-index

#	Paper	IF	Citations
12	Sensitive detection of tumor cells based on aptamer recognition and isothermal exponential amplification. <i>RSC Advances</i> , 2016 , 6, 89888-89894	3.7	5
11	Colorimetric logic gates based on aptamer-crosslinked hydrogels. <i>Chemical Communications</i> , 2012 , 48, 1248-50	5.8	82
10	Molecular aptamers for drug delivery. <i>Trends in Biotechnology</i> , 2011 , 29, 634-40	15.1	166
9	Magnetically driven single DNA nanomotor. <i>Small</i> , 2011 , 7, 601-5	11	10
8	Aptamer Selection, Phage Display, and Sensor Development 2011 , 191-209		
7	An allosteric dual-DNAzyme unimolecular probe for colorimetric detection of copper(II). <i>Journal of the American Chemical Society</i> , 2009 , 131, 14624-5	16.4	271
6	Using aptamers evolved from cell-SELEX to engineer a molecular delivery platform. <i>Chemical Communications</i> , 2009 , 3056-8	5.8	14
5	Engineering a unimolecular DNA-catalytic probe for single lead ion monitoring. <i>Journal of the American Chemical Society</i> , 2009 , 131, 8221-6	16.4	139
4	Aptamer switch probe based on intramolecular displacement. <i>Journal of the American Chemical Society</i> , 2008 , 130, 11268-9	16.4	257
3	Cell-specific aptamer probes for membrane protein elucidation in cancer cells. <i>Journal of Proteome Research</i> , 2008 , 7, 2133-9	5.6	370
2	Using aptamers to study protein-protein interactions. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2008 , 110, 177-94	1.7	8
1	Regulation of singlet oxygen generation using single-walled carbon nanotubes. <i>Journal of the American Chemical Society</i> , 2008 , 130, 10856-7	16.4	239