

Xiangling Xiong

List of Publications by Citations

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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.

15
papers

1,626
citations

13
h-index

15
g-index

15
ext. papers

1,776
ext. citations

11.1
avg, IF

4.17
L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 15 | Development of DNA aptamers using Cell-SELEX. <i>Nature Protocols</i> , 2010 , 5, 1169-85 | 18.8 | 573 |
| 14 | Aptamer-enabled efficient isolation of cancer cells from whole blood using a microfluidic device. <i>Analytical Chemistry</i> , 2012 , 84, 4199-206 | 7.8 | 192 |
| 13 | DNA aptamer-mediated cell targeting. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 1472-6 | 16.4 | 113 |
| 12 | Engineering of switchable aptamer micelle flares for molecular imaging in living cells. <i>ACS Nano</i> , 2013 , 7, 5724-31 | 16.7 | 110 |
| 11 | Smart multifunctional nanostructure for targeted cancer chemotherapy and magnetic resonance imaging. <i>ACS Nano</i> , 2011 , 5, 7866-73 | 16.7 | 110 |
| 10 | Responsive DNA-based hydrogels and their applications. <i>Macromolecular Rapid Communications</i> , 2013 , 34, 1271-83 | 4.8 | 109 |
| 9 | Semiquantification of ATP in live cells using nonspecific desorption of DNA from graphene oxide as the internal reference. <i>Analytical Chemistry</i> , 2012 , 84, 8622-7 | 7.8 | 98 |
| 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, 417-27 | 16.7 | 87 |
| 7 | DNA branch migration reactions through photocontrollable toehold formation. <i>Journal of the American Chemical Society</i> , 2013 , 135, 7967-73 | 16.4 | 78 |
| 6 | Self-assembled aptamer-based drug carriers for bispecific cytotoxicity to cancer cells. <i>Chemistry - an Asian Journal</i> , 2012 , 7, 1630-6 | 4.5 | 56 |
| 5 | Engineering polymeric aptamers for selective cytotoxicity. <i>Journal of the American Chemical Society</i> , 2011 , 133, 13380-6 | 16.4 | 50 |
| 4 | Nucleic acid aptamers for living cell analysis. <i>Annual Review of Analytical Chemistry</i> , 2014 , 7, 405-26 | 12.5 | 20 |
| 3 | DNA Aptamer-Mediated Cell Targeting. <i>Angewandte Chemie</i> , 2013 , 125, 1512-1516 | 3.6 | 20 |
| 2 | Magnetically driven single DNA nanomotor. <i>Small</i> , 2011 , 7, 601-5 | 11 | 10 |
| 1 | MODIFYING CELLULAR PROPERTIES USING ARTIFICIAL APTAMER-LIPID RECEPTORS. <i>FASEB Journal</i> , 2011 , 25, lb386 | 0.9 | |