

Xiaojuan Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

276
citations

1040056

9
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

500
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular sensing with magnetic nanoparticles using magnetic spectroscopy of nanoparticle Brownian motion. <i>Biosensors and Bioelectronics</i> , 2013, 50, 441-446.	10.1	74
2	Surface immobilization of DNA aptamers for biosensing and protein interaction analysis. <i>Biosensors and Bioelectronics</i> , 2011, 26, 3142-3147.	10.1	67
3	Toward Localized <i>In Vivo</i> Biomarker Concentration Measurements. <i>IEEE Transactions on Magnetics</i> , 2015, 51, 1-4.	2.1	37
4	Functionalized self-assembled monolayers for measuring single molecule lectin carbohydrate interactions. <i>Analytica Chimica Acta</i> , 2009, 649, 1-7.	5.4	27
5	Molecular interaction studies of vascular endothelial growth factor with RNA aptamers. <i>Analyst</i> , 2010, 135, 2014.	3.5	19
6	Functional self-assembled DNA nanostructures for molecular recognition. <i>Nanoscale</i> , 2012, 4, 2439.	5.6	16
7	Backbone-Branched DNA Building Blocks for Facile Angular Control in Nanostructures. <i>ACS Nano</i> , 2013, 7, 3953-3961.	14.6	15
8	Processing dependence of surface morphology in condensation cured PDMS nanocomposites. <i>Polymer</i> , 2010, 51, 5756-5763.	3.8	10
9	DtxR, an iron-dependent transcriptional repressor that regulates the expression of siderophore gene clusters in <i>Thermobifida fusca</i> . <i>FEMS Microbiology Letters</i> , 2015, 362, 1-6.	1.8	10
10	In vivo measurement of local biomarker concentrations. , 2013, , .		1