

Van-Thuan Nguyen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11974409/publications.pdf>

Version: 2024-02-01

17
papers

864
citations

687363

13
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

1237
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances in high-sensitivity detection methods for paper-based lateral-flow assay. <i>Biosensors and Bioelectronics</i> , 2020, 152, 112015.	10.1	213
2	Aptamer-based environmental biosensors for small molecule contaminants. <i>Current Opinion in Biotechnology</i> , 2017, 45, 15-23.	6.6	164
3	Highly sensitive sandwich-type SPR based detection of whole H5Nx viruses using a pair of aptamers. <i>Biosensors and Bioelectronics</i> , 2016, 86, 293-300.	10.1	101
4	Multiple GO-SELEX for efficient screening of flexible aptamers. <i>Chemical Communications</i> , 2014, 50, 10513-10516.	4.1	86
5	A new lateral flow strip assay (LFSA) using a pair of aptamers for the detection of Vaspin. <i>Biosensors and Bioelectronics</i> , 2017, 93, 21-25.	10.1	65
6	Detection of Iprobenfos and Edifenphos using a new Multi-aptasensor. <i>Analytica Chimica Acta</i> , 2015, 868, 60-66.	5.4	47
7	9G DNAChip: microarray based on the multiple interactions of 9 consecutive guanines. <i>Chemical Communications</i> , 2011, 47, 7101.	4.1	30
8	A generalized probe selection method for DNA chips. <i>Chemical Communications</i> , 2011, 47, 12444.	4.1	26
9	HPV 9G DNA Chip: 100% Clinical Sensitivity and Specificity. <i>Journal of Clinical Microbiology</i> , 2012, 50, 562-568.	3.9	25
10	9G DNAChip: a platform for the efficient detection of proteins. <i>Chemical Communications</i> , 2011, 47, 7716.	4.1	18
11	New water-soluble iminecalix[4]arene with a deep hydrophobic cavity. <i>Tetrahedron Letters</i> , 2009, 50, 7346-7350.	1.4	17
12	Water-soluble aminocalix[4]arene receptors with hydrophobic and hydrophilic mouths. <i>Tetrahedron Letters</i> , 2010, 51, 2840-2845.	1.4	15
13	Aminocalix[4]arene: the effect of pH on the dynamics of gate and portals on the hydrophobic cavity. <i>Tetrahedron Letters</i> , 2010, 51, 6156-6160.	1.4	15
14	Aptamer-aptamer linkage based aptasensor for highly enhanced detection of small molecules. <i>Biotechnology Journal</i> , 2016, 11, 843-849.	3.5	12
15	HPV 9G DNAChip: Based on the 9G DNAChip technology. <i>Journal of Virological Methods</i> , 2012, 183, 132-138.	2.1	11
16	A Portable Smartphone-linked Device for Direct, Rapid and Chemical-Free Hemoglobin Assay. <i>Scientific Reports</i> , 2020, 10, 8606.	3.3	10
17	Selective recognition of the ditopic trimethylammonium cations by water-soluble aminocalix[4]arene. <i>Tetrahedron Letters</i> , 2011, 52, 3751-3755.	1.4	9