

Nã°ria Villegas

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2070885/publications.pdf>

Version: 2024-02-01

15
papers

360
citations

1040056

9
h-index

996975

15
g-index

17
all docs

17
docs citations

17
times ranked

358
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneous kinetic-spectrophotometric determination of levodopa and benserazide by bi- and three-way partial least squares calibration. <i>Talanta</i> , 2000, 53, 627-637.	5.5	95
2	Impact of DNA methylation on 3D genome structure. <i>Nature Communications</i> , 2021, 12, 3243.	12.8	61
3	Bioactivity descriptors for uncharacterized chemical compounds. <i>Nature Communications</i> , 2021, 12, 3932.	12.8	44
4	Artificial neural networks and partial least squares regression for pseudo-first-order with respect to the reagent multicomponent kinetic-spectrophotometric determinations. <i>Analyst</i> , The, 1996, 121, 395-400.	3.5	41
5	Kinetic spectrophotometric determination of hydrocortisone acetate in a pharmaceutical preparation by use of partial least- squares regression. <i>Analyst</i> , The, 1999, 124, 911-915.	3.5	29
6	An artificial DNAzyme RNA ligase shows a reaction mechanism resembling that of cellular polymerases. <i>Nature Catalysis</i> , 2019, 2, 544-552.	34.4	18
7	Efficient siRNAâpeptide conjugation for specific targeted delivery into tumor cells. <i>Chemical Communications</i> , 2017, 53, 2870-2873.	4.1	16
8	Simultaneous Spectrophotometric Determination of Levodopa and Benserazide in a Pharmaceutical. <i>Analytical Letters</i> , 2000, 33, 2701-2718.	1.8	14
9	The Origins and the Biological Consequences of the Pur/Pyr DNAâRNA Asymmetry. <i>CheM</i> , 2019, 5, 1619-1631.	11.7	13
10	Rational design of novel N-alkyl-N capped biostable RNA nanostructures for efficient long-term inhibition of gene expression. <i>Nucleic Acids Research</i> , 2016, 44, 4354-4367.	14.5	9
11	Can A Denaturant Stabilize DNA? Pyridine Reverses DNA Denaturation in Acidic pH. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 10488-10491.	13.8	7
12	The Impact of the HydroxyMethylCytosine epigenetic signature on DNA structure and function. <i>PLoS Computational Biology</i> , 2021, 17, e1009547.	3.2	6
13	Bioactivity Profile Similarities to Expand the Repertoire of COVID-19 Drugs. <i>Journal of Chemical Information and Modeling</i> , 2020, 60, 5730-5734.	5.4	3
14	A multifunctional toolkit for target-directed cancer therapy. <i>Chemical Communications</i> , 2019, 55, 802-805.	4.1	1
15	Molecular basis of Arginine and Lysine DNA sequence-dependent thermo-stability modulation. <i>PLoS Computational Biology</i> , 2022, 18, e1009749.	3.2	1