

Ioana Grigoras

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

709
citations

623734

14
h-index

794594

19
g-index

21
all docs

21
docs citations

21
times ranked

949
citing authors

#	ARTICLE	IF	CITATIONS
1	Extracellular Production of Hydrogen Selenide Accounts for Thiol-assisted Toxicity of Selenite against <i>Saccharomyces cerevisiae</i> . <i>Journal of Biological Chemistry</i> , 2007, 282, 8759-8767.	3.4	112
2	High Variability and Rapid Evolution of a Nanovirus. <i>Journal of Virology</i> , 2010, 84, 9105-9117.	3.4	73
3	Ycf1p-dependent Hg(II) detoxification in <i>Saccharomyces cerevisiae</i> . <i>FEBS Journal</i> , 2003, 270, 2486-2496.	0.2	72
4	Reconstitution of Authentic Nanovirus from Multiple Cloned DNAs. <i>Journal of Virology</i> , 2009, 83, 10778-10787.	3.4	68
5	Semisupervised Gaussian Process for Automated Enzyme Search. <i>ACS Synthetic Biology</i> , 2016, 5, 518-528.	3.8	57
6	Genome diversity and evidence of recombination and reassortment in nanoviruses from Europe. <i>Journal of General Virology</i> , 2014, 95, 1178-1191.	2.9	56
7	Validation of RetroPath, a computer-aided design tool for metabolic pathway engineering. <i>Biotechnology Journal</i> , 2014, 9, 1446-1457.	3.5	53
8	Optimizing Cell-Free Biosensors to Monitor Enzymatic Production. <i>ACS Synthetic Biology</i> , 2019, 8, 1952-1957.	3.8	37
9	First Report of a Nanovirus Disease of Pea in Germany. <i>Plant Disease</i> , 2010, 94, 642-642.	1.4	36
10	Engineering antibiotic production and overcoming bacterial resistance. <i>Biotechnology Journal</i> , 2011, 6, 812-825.	3.5	30
11	Nanovirus DNA-N encodes a protein mandatory for aphid transmission. <i>Virology</i> , 2018, 522, 281-291.	2.4	26
12	A retrosynthetic biology approach to therapeutics: from conception to delivery. <i>Current Opinion in Biotechnology</i> , 2012, 23, 948-956.	6.6	21
13	Biosensor-based enzyme engineering approach applied to psicose biosynthesis. <i>Synthetic Biology</i> , 2019, 4, ysz028.	2.2	17
14	Functional characterization of the <i>Saccharomyces cerevisiae</i> ABC-transporter Yor1p overexpressed in plasma membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2008, 1778, 68-78.	2.6	14
15	ICTV Virus Taxonomy Profile: Nanoviridae. <i>Journal of General Virology</i> , 2021, 102, .	2.9	14
16	Transcripts encoding the nanovirus master replication initiator proteins are terminally redundant. <i>Journal of General Virology</i> , 2008, 89, 583-593.	2.9	11
17	Nanoviridae. , 2012, , 395-404.		4
18	Subterranean Clover Stunt Virus Revisited: Detection of Two Missing Genome Components. <i>Viruses</i> , 2019, 11, 138.	3.3	3

#	ARTICLE	IF	CITATIONS
19	Twenty Years of Evolution and Diversification of Digitaria Streak Virus in Digitaria Setigera. <i>Virus Evolution</i> , 2021, 7, veab083.	4.9	3
20	Toehold switch based biosensors for sensing the highly trafficked rosewood <i>Dalbergia maritima</i> . <i>Synthetic and Systems Biotechnology</i> , 2022, 7, 791-801.	3.7	2
21	Nanovirus. , 2011, , 959-968.		0