

Iñigo Apaolaza

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6683673/publications.pdf>

Version: 2024-02-01

14
papers

1,032
citations

1307594

7
h-index

1125743

13
g-index

17
all docs

17
docs citations

17
times ranked

2024
citing authors

#	ARTICLE	IF	CITATIONS
1	Creation and analysis of biochemical constraint-based models using the COBRA Toolbox v.3.0. <i>Nature Protocols</i> , 2019, 14, 639-702.	12.0	833
2	CANCERTOOL: A Visualization and Representation Interface to Exploit Cancer Datasets. <i>Cancer Research</i> , 2018, 78, 6320-6328.	0.9	76
3	An in-silico approach to predict and exploit synthetic lethality in cancer metabolism. <i>Nature Communications</i> , 2017, 8, 459.	12.8	35
4	An extended reconstruction of human gut microbiota metabolism of dietary compounds. <i>Nature Communications</i> , 2021, 12, 4728.	12.8	19
5	<i>gMCS</i> : fast computation of genetic minimal cut sets in large networks. <i>Bioinformatics</i> , 2019, 35, 535-537.	4.1	18
6	Adaptation of the Human Gut Microbiota Metabolic Network During the First Year After Birth. <i>Frontiers in Microbiology</i> , 2019, 10, 848.	3.5	11
7	In-silico gene essentiality analysis of polyamine biosynthesis reveals APRT as a potential target in cancer. <i>Scientific Reports</i> , 2017, 7, 14358.	3.3	10
8	Prediction of degradation pathways of phenolic compounds in the human gut microbiota through enzyme promiscuity methods. <i>Npj Systems Biology and Applications</i> , 2022, 8, .	3.0	8
9	On the inconsistent treatment of gene-protein-reaction rules in context-specific metabolic models. <i>Bioinformatics</i> , 2020, 36, 1986-1988.	4.1	5
10	A network-based approach to integrate nutrient microenvironment in the prediction of synthetic lethality in cancer metabolism. <i>PLoS Computational Biology</i> , 2022, 18, e1009395.	3.2	5
11	The bone marrow niche regulates redox and energy balance in MLL::AF9 leukemia stem cells. <i>Leukemia</i> , 2022, 36, 1969-1979.	7.2	5
12	Effect of Freezing on Gut Microbiota Composition and Functionality for In Vitro Fermentation Experiments. <i>Nutrients</i> , 2021, 13, 2207.	4.1	4
13	COBRA methods and metabolic drug targets in cancer. <i>Molecular and Cellular Oncology</i> , 2018, 5, e1389672.	0.7	3
14	Computational Systems Biology Models for the Identification of Metabolic Vulnerabilities in Multiple Myeloma. <i>Blood</i> , 2019, 134, 3084-3084.	1.4	0