

Adrián López García-de Lomana

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

297
citations

1163117

8
h-index

996975

15
g-index

17
all docs

17
docs citations

17
times ranked

590
citing authors

#	ARTICLE	IF	CITATIONS
1	A refined genome-scale reconstruction of <i>Chlamydomonas</i> metabolism provides a platform for systems-level analyses. <i>Plant Journal</i> , 2015, 84, 1239-1256.	5.7	70
2	Transcriptional program for nitrogen starvation-induced lipid accumulation in <i>Chlamydomonas reinhardtii</i> . <i>Biotechnology for Biofuels</i> , 2015, 8, 207.	6.2	60
3	Ocean acidification conditions increase resilience of marine diatoms. <i>Nature Communications</i> , 2018, 9, 2328.	12.8	38
4	Mechanism for microbial population collapse in a fluctuating resource environment. <i>Molecular Systems Biology</i> , 2017, 13, 919.	7.2	22
5	A Systems Approach to Brain Tumor Treatment. <i>Cancers</i> , 2021, 13, 3152.	3.7	21
6	Systems biology approaches towards predictive microbial ecology. <i>Environmental Microbiology</i> , 2018, 20, 4197-4209.	3.8	19
7	Adaptive Prediction Emerges Over Short Evolutionary Time Scales. <i>Genome Biology and Evolution</i> , 2017, 9, 1616-1623.	2.5	14
8	Robustness of a model microbial community emerges from population structure among single cells of a clonal population. <i>Environmental Microbiology</i> , 2017, 19, 3059-3069.	3.8	13
9	Selective Translation of Low Abundance and Upregulated Transcripts in <i>Halobacterium salinarum</i> . <i>MSystems</i> , 2020, 5, .	3.8	10
10	Synergistic epistasis enhances the co-operativity of mutualistic interspecies interactions. <i>ISME Journal</i> , 2021, 15, 2233-2247.	9.8	6
11	Metabolic and Transcriptional Changes across Osteogenic Differentiation of Mesenchymal Stromal Cells. <i>Bioengineering</i> , 2021, 8, 208.	3.5	6
12	Genetic program activity delineates risk, relapse, and therapy responsiveness in multiple myeloma. <i>Npj Precision Oncology</i> , 2021, 5, 60.	5.4	5
13	Metabolic Response in Endothelial Cells to Catecholamine Stimulation Associated with Increased Vascular Permeability. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3162.	4.1	5
14	Lipid mediator profiles of burn wound healing: Acellular cod fish skin grafts promote the formation of EPA and DHA derived lipid mediators following seven days of treatment. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2021, 175, 102358.	2.2	3
15	Quantitative prediction of conditional vulnerabilities in regulatory and metabolic networks using PRIME. <i>Npj Systems Biology and Applications</i> , 2021, 7, 43.	3.0	3
16	EPCO-23. A SINGLE-CELL BASED PRECISION MEDICINE APPROACH USING GLIOBLASTOMA PATIENT-SPECIFIC MODELS. <i>Neuro-Oncology</i> , 2021, 23, vi6-vi7.	1.2	0