

Severin Sasso

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

884
citations

840728

11
h-index

996954

15
g-index

18
all docs

18
docs citations

18
times ranked

1609
citing authors

#	ARTICLE	IF	CITATIONS
1	Mutualistic interactions between vitamin B ₁₂ -dependent algae and heterotrophic bacteria exhibit regulation. <i>Environmental Microbiology</i> , 2012, 14, 1466-1476.	3.8	322
2	Microalgae in the postgenomic era: a blooming reservoir for new natural products. <i>FEMS Microbiology Reviews</i> , 2012, 36, 761-785.	8.6	131
3	From molecular manipulation of domesticated <i>Chlamydomonas reinhardtii</i> to survival in nature. <i>ELife</i> , 2018, 7, .	6.0	119
4	Antagonistic bacteria disrupt calcium homeostasis and immobilize algal cells. <i>Nature Communications</i> , 2017, 8, 1756.	12.8	66
5	A Plant Cryptochrome Controls Key Features of the <i>Chlamydomonas</i> Circadian Clock and Its Life Cycle. <i>Plant Physiology</i> , 2017, 174, 185-201.	4.8	50
6	A Chemical Perspective on Microalgal-Microbial Interactions. <i>Trends in Plant Science</i> , 2015, 20, 689-693.	8.8	41
7	Multimodular type I polyketide synthases in algae evolve by module duplications and displacement of AT domains in trans. <i>BMC Genomics</i> , 2015, 16, 1015.	2.8	33
8	Metabolic profiling identifies trehalose as an abundant and diurnally fluctuating metabolite in the microalga <i>Ostreococcus tauri</i> . <i>Metabolomics</i> , 2017, 13, 68.	3.0	31
9	A polyne toxin produced by an antagonistic bacterium blinds and lyses a <i>Chlamydomonas</i> alga. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	19
10	A giant type I polyketide synthase participates in zygospore maturation in <i>Chlamydomonas reinhardtii</i> . <i>Plant Journal</i> , 2018, 95, 268-281.	5.7	18
11	The bacterium <i>Pseudomonas protegens</i> antagonizes the microalga <i>Chlamydomonas reinhardtii</i> using a blend of toxins. <i>Environmental Microbiology</i> , 2021, 23, 5525-5540.	3.8	17
12	Bacterial marginolactones trigger formation of algal gloeocapsoids, protective aggregates on the verge of multicellularity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	12
13	Use of Fibonacci numbers in lipidomics – Enumerating various classes of fatty acids. <i>Scientific Reports</i> , 2017, 7, 39821.	3.3	10
14	Deciphering Chemical Mediators Regulating Specialized Metabolism in a Symbiotic Cyanobacterium. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	7
15	Comments on the distribution and phylogeny of type I polyketide synthases and nonribosomal peptide synthetases in eukaryotes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E3946-E3946.	7.1	4