Mario D Garcia

List of Publications by Year
in descending order

10 papers	289 citations	1163117 8 h-index	1474206 9 g-index
10 all docs	10 docs citations	10 times ranked	275 citing authors

#	Article	IF	Citations
1	Comprehensive understanding of acetohydroxyacid synthase inhibition by different herbicide families. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E1091-E1100.	7.1	102
2	Structural insights into the mechanism of inhibition of AHAS by herbicides. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E1945-E1954.	7.1	44
3	Commercial AHAS-inhibiting herbicides are promising drug leads for the treatment of human fungal pathogenic infections. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E9649-E9658.	7.1	40
4	Structures of fungal and plant acetohydroxyacid synthases. Nature, 2020, 586, 317-321.	27.8	37
5	Crystal Structures of Staphylococcus aureus Ketolâ€Acid Reductoisomerase in Complex with Two Transition State Analogues that Have Biocidal Activity. Chemistry - A European Journal, 2017, 23, 18289-18295.	3.3	24
6	Structural basis of resistance to herbicides that target acetohydroxyacid synthase. Nature Communications, 2022, 13, .	12.8	17
7	The Role of a FAD Cofactor in the Regulation of Acetohydroxyacid Synthase by Redox Signaling Molecules. Journal of Biological Chemistry, 2017, 292, 5101-5109.	3.4	11
8	The 2.0 Ã... X-ray structure for yeast acetohydroxyacid synthase provides new insights into its cofactor and quaternary structure requirements. PLoS ONE, 2017, 12, e0171443.	2.5	8
9	High Resolution Crystal Structures of the Acetohydroxyacid Synthaseâ€Pyruvate Complex Provide New Insights into Its Catalytic Mechanism. ChemistrySelect, 2017, 2, 11981-11988.	1.5	6
10	Which Innovative Solutions of Non-Technological and Technological Nature are Needed to Improve Tourism Services?. Tourism, 2021, 69, 559-577.	0.9	0