Laura Calvo-Begueria

List of Publications by Year
in descending order

11 papers	329 citations	1040056 9 h-index	1281871 11 g-index
11 all docs	11 docs citations	11 times ranked	461 citing authors

#	Article	IF	Citations
1	Identification of Free-Living Amoebae and Amoeba-Associated Bacteria from Reservoirs and Water Treatment Plants by Molecular Techniques. Environmental Science & Technology, 2013, 47, 3132-3140.	10.0	81
2	Leghemoglobin is nitrated in functional legume nodules in a tyrosine residue within the heme cavity by a nitrite/peroxideâ€dependent mechanism. Plant Journal, 2015, 81, 723-735.	5.7	70
3	Hemoglobin LjGlb1-1 is involved in nodulation and regulates the level of nitric oxide in theLotus japonicusâ€“Mesorhizobium lotisymbiosis. Journal of Experimental Botany, 2016, 67, 5275-5283.	4.8	41
4	Redefining nitric oxide production in legume nodules through complementary insights from electron paramagnetic resonance spectroscopy and specific fluorescent probes. Journal of Experimental Botany, 2018, 69, 3703-3714.	4.8	32
5	Phytoglobins in the nuclei, cytoplasm and chloroplasts modulate nitric oxide signaling and interact with abscisic acid. Plant Journal, 2019, 100, 38-54.	5.7	28
6	Microcystin-LR Binds Iron, and Iron Promotes Self-Assembly. Environmental Science & Technology, 2017, 51, 4841-4850.	10.0	24
7	A new pentaplex-nested PCR to detect five pathogenic bacteria in free living amoebae. Water Research, 2013, 47, 493-502.	11.3	18
8	Î³-Lindane Increases Microcystin Synthesis in Microcystis aeruginosa PCC7806. Marine Drugs, 2015, 13, 5666-5680.	4.6	18
9	Characterization of the Heme Pocket Structure and Ligand Binding Kinetics of Non-symbiotic Hemoglobins from the Model Legume Lotus japonicus. Frontiers in Plant Science, 2017, 8, 407.	3.6	11
10	Three classes of hemoglobins are required for optimal vegetative and reproductive growth ofLotus japonicus: genetic and biochemical characterization of LjGlb2-1. Journal of Experimental Botany, 2021, 72, 7778-7791.	4.8	4
11	Thioredoxin Dependent Changes in the Redox States of FurA from Anabaena sp. PCC 7120. Antioxidants, 2021, 10, 913.	5.1	2