

# Laura Calvo-Begueria

## List of Publications by Year in descending order

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