

# Beatriz Lagunas

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8316978/publications.pdf>

Version: 2024-02-01

16  
papers

473  
citations

933264

10  
h-index

1125617

13  
g-index

17  
all docs

17  
docs citations

17  
times ranked

764  
citing authors

#	ARTICLE	IF	CITATIONS
1	Challenges and Approaches in Microbiome Research: From Fundamental to Applied. <i>Frontiers in Plant Science</i> , 2018, 9, 1205.	1.7	127
2	Contribution of the different omega-3 fatty acid desaturase genes to the cold response in soybean. <i>Journal of Experimental Botany</i> , 2012, 63, 4973-4982.	2.4	81
3	Determinants of Host Range Specificity in Legume-Rhizobia Symbiosis. <i>Frontiers in Microbiology</i> , 2020, 11, 585749.	1.5	54
4	Non-redundant Contribution of the Plastidial FAD8 Î‰-3 Desaturase to Glycerolipid Unsaturation at Different Temperatures in Arabidopsis. <i>Molecular Plant</i> , 2015, 8, 1599-1611.	3.9	48
5	The GmFAD7 gene family from soybean: identification of novel genes and tissue-specific conformations of the FAD7 enzyme involved in desaturase activity. <i>Journal of Experimental Botany</i> , 2010, 61, 3371-3384.	2.4	31
6	Housing helpful invaders: the evolutionary and molecular architecture underlying plant root-mutualist microbe interactions. <i>Journal of Experimental Botany</i> , 2015, 66, 2177-2186.	2.4	27
7	Symbiotic Outcome Modified by the Diversification from 7 to over 700 Nodule-Specific Cysteine-Rich Peptides. <i>Genes</i> , 2020, 11, 348.	1.0	26
8	Regulation of Resource Partitioning Coordinates Nitrogen and Rhizobia Responses and Autoregulation of Nodulation in <i>Medicago truncatula</i> . <i>Molecular Plant</i> , 2019, 12, 833-846.	3.9	23
9	Tissue Distribution and Specific Contribution of Arabidopsis FAD7 and FAD8 Plastid Desaturases to the JA- and ABA-Mediated Cold Stress or Defense Responses. <i>Plant and Cell Physiology</i> , 2019, 60, 1025-1040.	1.5	22
10	Elucidating connections between the strigolactone biosynthesis pathway, flavonoid production and root system architecture in <i>Arabidopsis thaliana</i> . <i>Physiologia Plantarum</i> , 2022, 174, e13681.	2.6	11
11	A temporal regulatory mechanism controls the different contribution of endoplasmic reticulum and plastidial Î‰-3 desaturases to trienoic fatty acid content during leaf development in soybean ( <i>Glycine</i> ) <a href="#">Tj ETQq1 1 @.784314@ggBT /Over</a>		
12	Plant circadian clock control of <i>Medicago truncatula</i> nodulation via regulation of nodule cysteine-rich peptides. <i>Journal of Experimental Botany</i> , 2022, 73, 2142-2156.	2.4	9
13	Comparative Genomics across Three Ensifer Species Using a New Complete Genome Sequence of the <i>Medicago</i> Symbiont <i>Sinorhizobium</i> ( <i>Ensifer</i> ) <i>meliloti</i> WSM1022. <i>Microorganisms</i> , 2021, 9, 2428.	1.6	3
14	A ã€ˆnodemapã€™ to sustainable maize roots: linking nitrogen and water uptake improvements. <i>Journal of Experimental Botany</i> , 2019, 70, 5036-5039.	2.4	1
15	Editorial: Multilateral Interactions in the Rhizosphere. <i>Frontiers in Microbiology</i> , 2021, 12, 798728.	1.5	1
16	Histological Profiling Over Time to Optimize Root Cell Type-Specific Reporter Lines for Cell Sorting. <i>Methods in Molecular Biology</i> , 2018, 1761, 165-175.	0.4	0