

# Sonia Irigoyen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7490738/publications.pdf>

Version: 2024-02-01

17  
papers

480  
citations

840119

11  
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887659

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17  
all docs

17  
docs citations

17  
times ranked

815  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Brachypodium</i> : A Monocot Grass Model Genus for Plant Biology. <i>Plant Cell</i> , 2018, 30, 1673-1694.	3.1	99
2	The Arabidopsis thylakoid transporter PHT4;1 influences phosphate availability for ATP synthesis and plant growth. <i>Plant Journal</i> , 2015, 84, 99-110.	2.8	59
3	The Sink-Specific Plastidic Phosphate Transporter PHT4;2 Influences Starch Accumulation and Leaf Size in Arabidopsis. <i>Plant Physiology</i> , 2011, 157, 1765-1777.	2.3	55
4	Live Imaging of Inorganic Phosphate in Plants with Cellular and Subcellular Resolution. <i>Plant Physiology</i> , 2015, 167, 628-638.	2.3	50
5	Differential expression and phylogenetic analysis suggest specialization of plastid-localized members of the PHT4 phosphate transporter family for photosynthetic and heterotrophic tissues. <i>Plant Signaling and Behavior</i> , 2008, 3, 784-790.	1.2	47
6	Plant hairy roots enable high throughput identification of antimicrobials against <i>Candidatus Liberibacter</i> spp.. <i>Nature Communications</i> , 2020, 11, 5802.	5.8	36
7	Genome-wide alternative splicing landscapes modulated by biotrophic sugarcane smut pathogen. <i>Scientific Reports</i> , 2019, 9, 8876.	1.6	24
8	Setaria: A Food Crop and Translational Research Model for C4 Grasses. <i>Frontiers in Plant Science</i> , 2016, 7, 1885.	1.7	23
9	Biochemical Origin of Raman-Based Diagnostics of Huanglongbing in Grapefruit Trees. <i>Frontiers in Plant Science</i> , 2021, 12, 680991.	1.7	20
10	<i>Brachypodium</i> Phenylalanine Ammonia Lyase (PAL) Promotes Antiviral Defenses against <i>Panicum mosaic virus</i> and Its Satellites. <i>MBio</i> , 2021, 12, .	1.8	16
11	A biolistic-based genetic transformation system applicable to a broad-range of sugarcane and energy cane varieties. <i>GM Crops and Food</i> , 2018, 9, 211-227.	2.0	13
12	Potato Zebra Chip: An Overview of the Disease, Control Strategies, and Prospects. <i>Frontiers in Microbiology</i> , 2021, 12, 700663.	1.5	12
13	New Era in Plant Alternative Splicing Analysis Enabled by Advances in High-Throughput Sequencing (HTS) Technologies. <i>Frontiers in Plant Science</i> , 2019, 10, 740.	1.7	9
14	A Sugarcane G-Protein-Coupled Receptor, ShGPCR1, Confers Tolerance to Multiple Abiotic Stresses. <i>Frontiers in Plant Science</i> , 2021, 12, 745891.	1.7	7
15	Genomic Approaches to Analyze Alternative Splicing, A Key Regulator of Transcriptome and Proteome Diversity in <i>Brachypodium distachyon</i> . <i>Methods in Molecular Biology</i> , 2018, 1667, 73-85.	0.4	4
16	A BTB-TAZ protein is required for gene activation by Cauliflower mosaic virus 35S multimerized enhancers. <i>Plant Physiology</i> , 2021, , .	2.3	4
17	The Physiological Role of Arabidopsis Thylakoid Phosphate Transporter PHT4;1. <i>Advanced Topics in Science and Technology in China</i> , 2013, , 590-592.	0.0	2