

Adriana Grandis

List of Publications by Citations

Source: <https://exaly.com/author-pdf/6422869/adriana-grandis-publications-by-citations.pdf>
Version: 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

35 papers	594 citations	11 h-index	24 g-index
37 ext. papers	784 ext. citations	5.4 avg, IF	3.87 L-index

#	Paper	IF	Citations
35	Impacts of climate changes on crop physiology and food quality. <i>Food Research International</i> , 2010 , 43, 1814-1823	7	197
34	Amazon forest response to CO ₂ fertilization dependent on plant phosphorus acquisition. <i>Nature Geoscience</i> , 2019 , 12, 736-741	18.3	92
33	Sugarcane as a Bioenergy Source: History, Performance, and Perspectives for Second-Generation Bioethanol. <i>Bioenergy Research</i> , 2014 , 7, 24-35	3.1	74
32	Lignin plays a key role in determining biomass recalcitrance in forage grasses. <i>Renewable Energy</i> , 2020 , 147, 2206-2217	8.1	23
31	Apoplastic and intracellular plant sugars regulate developmental transitions in witches' broom disease of cacao. <i>Journal of Experimental Botany</i> , 2015 , 66, 1325-37	7	17
30	Responses of <i>Senna reticulata</i> , a legume tree from the Amazonian floodplains, to elevated atmospheric CO ₂ concentration and waterlogging. <i>Trees - Structure and Function</i> , 2014 , 28, 1021-1034	2.6	17
29	Cell wall changes during the formation of aerenchyma in sugarcane roots. <i>Annals of Botany</i> , 2017 , 120, 693-708	4.1	17
28	Diurnal variation in gas exchange and nonstructural carbohydrates throughout sugarcane development. <i>Functional Plant Biology</i> , 2018 , 45, 865-876	2.7	15
27	Correlation of Apiose Levels and Growth Rates in Duckweeds. <i>Frontiers in Chemistry</i> , 2018 , 6, 291	5	14
26	Isolated and combined effects of elevated CO and high temperature on the whole-plant biomass and the chemical composition of soybean seeds. <i>Food Chemistry</i> , 2019 , 275, 610-617	8.5	14
25	Roles of auxin and ethylene in aerenchyma formation in sugarcane roots. <i>Plant Signaling and Behavior</i> , 2018 , 13, e1422464	2.5	12
24	Using Natural Plant Cell Wall Degradation Mechanisms to Improve Second Generation Bioethanol 2014 , 211-230		11
23	Cell wall hydrolases act in concert during aerenchyma development in sugarcane roots. <i>Annals of Botany</i> , 2019 , 124, 1067-1089	4.1	10
22	Inorganics in sugarcane bagasse and straw and their impacts for bioenergy and biorefining: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2021 , 148, 111268	16.2	10
21	Eucalyptus Cell Wall Architecture: Clues for Lignocellulosic Biomass Deconstruction. <i>Bioenergy Research</i> , 2016 , 9, 969-979	3.1	9
20	Flavonoids from duckweeds: potential applications in the human diet.. <i>RSC Advances</i> , 2020 , 10, 44981-44988	3.7	8
19	Xyloglucan processing machinery in <i>Xanthomonas</i> pathogens and its role in the transcriptional activation of virulence factors. <i>Nature Communications</i> , 2021 , 12, 4049	17.4	8

18	The control of endopolygalacturonase expression by the sugarcane RAV transcription factor during aerenchyma formation. <i>Journal of Experimental Botany</i> , 2019 , 70, 497-506	7	7
17	Respostas fisiológicas de plantas amazônicas de regiões alagadas à mudanças climáticas globais. <i>Revista Brasileira De Botanica</i> , 2010 , 33, 1-12	1.2	7
16	Disassembling the Glycomic Code of Sugarcane Cell Walls to Improve Second-Generation Bioethanol Production 2019 , 31-43		6
15	High Saccharification, Low Lignin, and High Sustainability Potential Make Duckweeds Adequate as Bioenergy Feedstocks. <i>Bioenergy Research</i> , 2020 , 1	3.1	5
14	Holocellulase production by filamentous fungi: potential in the hydrolysis of energy cane and other sugarcane varieties. <i>Biomass Conversion and Biorefinery</i> ,1	2.3	4
13	Physical and chemical characterization of the 2019 Black rain event in the Metropolitan Area of São Paulo, Brazil. <i>Atmospheric Environment</i> , 2021 , 248, 118229	5.3	3
12	Changes in leaf functional traits with leaf age: When do leaves decrease their photosynthetic capacity in Amazonian trees?. <i>Tree Physiology</i> , 2021 ,	4.2	3
11	Fine roots stimulate nutrient release during early stages of leaf litter decomposition in a Central Amazon rainforest. <i>Plant and Soil</i> ,	4.2	2
10	Differentiation of Tracheary Elements in Sugarcane Suspension Cells Involves Changes in Secondary Wall Deposition and Extensive Transcriptional Reprogramming. <i>Frontiers in Plant Science</i> , 2020 , 11, 617020	6.2	2
9	Senna reticulata: a Viable Option for Bioenergy Production in the Amazonian Region. <i>Bioenergy Research</i> , 2021 , 14, 91-105	3.1	2
8	The Effect of Sugarcane Straw Aging in the Field on Cell Wall Composition. <i>Frontiers in Plant Science</i> , 2021 , 12, 652168	6.2	2
7	Thermal degradation of leaves from the Amazon rainforest litter considering non-structural, structural carbohydrates and lignin composition. <i>Bioresource Technology Reports</i> , 2020 , 11, 100490	4.1	1
6	Newly identified miRNAs may contribute to aerenchyma formation in sugarcane roots. <i>Plant Direct</i> , 2020 , 4, e00204	3.3	1
5	Duckweeds as Promising Food Feedstocks Globally. <i>Agronomy</i> , 2022 , 12, 796	3.6	1
4	Biochemical composition of the pericarp cell wall of popcorn inbred lines with different popping expansion.. <i>Current Research in Food Science</i> , 2022 , 5, 102-106	5.6	0
3	Importance of Meta-analysis in Studies Involving Plant Responses to Climate Change in Brazil. <i>Lecture Notes in Computer Science</i> , 2020 , 221-234	0.9	0
2	Herbivory and leaf traits of Amazonian tree species as affected by irradiance. <i>Plant Biology</i> , 2021 , 23, 229-240	3.7	0
1	NDP-Sugar Pathways Overview of Spirodela polyrhiza and Their Relevance for Bioenergy and Biorefinery. <i>Bioenergy Research</i> ,1	3.1	

