

# Carolina Gimiliani Lembke

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2707547/publications.pdf>

Version: 2024-02-01

12  
papers

1,013  
citations

840119

11  
h-index

1199166

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

1062  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sugarcane for bioenergy production: an assessment of yield and regulation of sucrose content. <i>Plant Biotechnology Journal</i> , 2010, 8, 263-276.	4.1	360
2	Building the sugarcane genome for biotechnology and identifying evolutionary trends. <i>BMC Genomics</i> , 2014, 15, 540.	1.2	136
3	Sugarcane genes associated with sucrose content. <i>BMC Genomics</i> , 2009, 10, 120.	1.2	133
4	Assembly of the 373k gene space of the polyploid sugarcane genome reveals reservoirs of functional diversity in the world's leading biomass crop. <i>GigaScience</i> , 2019, 8, .	3.3	106
5	The Biotechnology Roadmap for Sugarcane Improvement. <i>Tropical Plant Biology</i> , 2010, 3, 75-87.	1.0	62
6	A Novel Stress-Induced Sugarcane Gene Confers Tolerance to Drought, Salt and Oxidative Stress in Transgenic Tobacco Plants. <i>PLoS ONE</i> , 2012, 7, e44697.	1.1	57
7	Identification of sense and antisense transcripts regulated by drought in sugarcane. <i>Plant Molecular Biology</i> , 2012, 79, 461-477.	2.0	47
8	Ethylene-induced transcriptional and hormonal responses at the onset of sugarcane ripening. <i>Scientific Reports</i> , 2017, 7, 43364.	1.6	38
9	Novel Insights Into the Early Stages of Ratoon Stunting Disease of Sugarcane Inferred from Transcript and Protein Analysis. <i>Phytopathology</i> , 2018, 108, 1455-1466.	1.1	25
10	Amino Acid and Carbohydrate Metabolism Are Coordinated to Maintain Energetic Balance during Drought in Sugarcane. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9124.	1.8	25
11	Roles of auxin and ethylene in aerenchyma formation in sugarcane roots. <i>Plant Signaling and Behavior</i> , 2018, 13, e1422464.	1.2	18
12	Planting Season Impacts Sugarcane Stem Development, Secondary Metabolite Levels, and Natural Antisense Transcription. <i>Cells</i> , 2021, 10, 3451.	1.8	6