

Marcia M De O Buanafina

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

580
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1163117

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Probing the role of cell wall feruloylation during maize development by differential expression of an apoplast targeted fungal ferulic acid esterase. PLoS ONE, 2020, 15, e0240369.	2.5	4
2	Characterization of feruloyl esterases in maize pollen. Planta, 2019, 250, 2063-2082.	3.2	4
3	Reducing cell wall feruloylation by expression of a fungal ferulic acid esterase in Festuca arundinacea modifies plant growth, leaf morphology and the turnover of cell wall arabinoxylans. PLoS ONE, 2017, 12, e0185312.	2.5	8
4	Functional testing of a PF02458 homologue of putative rice arabinoxylan feruloyl transferase genes in Brachypodium distachyon. Planta, 2016, 243, 659-674.	3.2	40
5	Functional co-expression of a fungal ferulic acid esterase and a β -1,4 endoxylanase in Festuca arundinacea (tall fescue) modifies post-harvest cell wall deconstruction. Planta, 2015, 242, 97-111.	3.2	18
6	Modification of esterified cell wall phenolics increases vulnerability of tall fescue to herbivory by the fall armyworm. Planta, 2012, 236, 513-523.	3.2	34
7	Expression of a Trichoderma reesei β -1,4 endo-xylanase in tall fescue modifies cell wall structure and digestibility and elicits pathogen defence responses. Planta, 2012, 236, 1757-1774.	3.2	23
8	Targeting expression of a fungal ferulic acid esterase to the apoplast, endoplasmic reticulum or golgi can disrupt feruloylation of the growing cell wall and increase the biodegradability of tall fescue (<i>Festuca arundinacea</i>). Plant Biotechnology Journal, 2010, 8, 316-331.	8.3	55
9	Feruloylation in Grasses: Current and Future Perspectives. Molecular Plant, 2009, 2, 861-872.	8.3	285
10	Expression of a fungal ferulic acid esterase increases cell wall digestibility of tall fescue (Festuca) Tj ETQq0 0 0 rgBT /Overlock_10 Tf 50 3	8.3	76
11	Manipulating the Phenolic Acid Content and Digestibility of Italian Ryegrass (Lolium multiflorum) by Vacuolar-Targeted Expression of a Fungal Ferulic Acid Esterase. , 2006, 129-132, 416-426.		33