Marcia M De O Buanafina

List of Publications by Year
in descending order

11	580	1163117 8	1372567 10
papers	citations	h-index	g-index

11	11	11	832
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Feruloylation in Grasses: Current and Future Perspectives. Molecular Plant, 2009, 2, 861-872.	8.3	285
2	Expression of a fungal ferulic acid esterase increases cell wall digestibility of tall fescue (Festuca) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7	8.3	76
3	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 (Festuca arundinacea). Plant Biotechnology Journal, 2010, 8, 316-331.	8.3	55
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	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
6	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
7	Expression of a Trichoderma reesei Î²-1,4 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	Functional co-expression of a fungal ferulic acid esterase and a Î²-1,4 endoxylanase in Festuca arundinacea (tall fescue) modifies post-harvest cell wall deconstruction. Planta, 2015, 242, 97-111.	3.2	18
9	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
10	Characterization of feruloyl esterases in maize pollen. Planta, 2019, 250, 2063-2082.	3.2	4
11	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