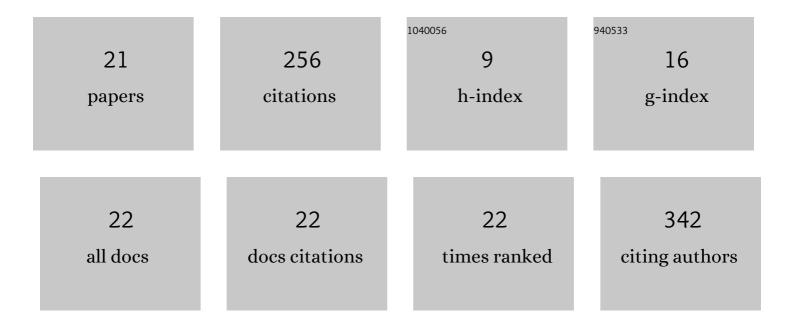
Maree Brennan

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Cellulose microfibril angles and cell-wall polymers in different wood types of Pinus radiata. Cellulose, 2012, 19, 1385-1404.	4.9	40
2	Distribution of Fucosylated Xyloglucans among the Walls of Different Cell Types in Monocotyledons Determined by Immunofluorescence Microscopy. Molecular Plant, 2011, 4, 144-156.	8.3	32
3	Quantitative and qualitative composition of bark polyphenols changes longitudinally with bark maturity in Abies alba Mill Annals of Forest Science, 2020, 77, 1.	2.0	27
4	Using NIR and ATR-FTIR spectroscopy to rapidly detect compression wood in <i>Pinus radiata</i> . Canadian Journal of Forest Research, 2014, 44, 820-830.	1.7	25
5	Hull to caryopsis adhesion and grain skinning in malting barley: Identification of key growth stages in the adhesion process. Journal of Cereal Science, 2016, 68, 8-15.	3.7	17
6	Husk to caryopsis adhesion in barley is influenced by pre- and post-anthesis temperatures through changes in a cuticular cementing layer on the caryopsis. BMC Plant Biology, 2017, 17, 169.	3.6	16
7	Wood quality assessment of Pinus radiata (radiata pine) saplings by dynamic mechanical analysis. Wood Science and Technology, 2015, 49, 1239-1250.	3.2	15
8	Occurrence of fucosylated and non-fucosylated xyloglucans in the cell walls of monocotyledons: An immunofluorescence study. Plant Physiology and Biochemistry, 2019, 139, 428-434.	5.8	11
9	Pyrolysis gas-chromatography mass-spectrometry (Py-GC/MS) to identify compression wood in <i>Pinus radiata /i> saplings. Holzforschung, 2014, 68, 505-517.</i>	1.9	10
10	Relationship between specific weight of spring barley and malt quality. Journal of Cereal Science, 2020, 95, 103006.	3.7	10
11	Increased grain density of spring barley (Hordeum vulgare L.) is associated with an increase in grain nitrogen. Journal of Cereal Science, 2019, 89, 102797.	3.7	9
12	Yield and compositions of bark phenolic extractives from three commercially significant softwoods show intra- and inter-specific variation. Plant Physiology and Biochemistry, 2020, 155, 346-356.	5.8	9
13	Intraspecific variability of quantity and chemical composition of ethanolic knotwood extracts along the stems of three industrially important softwood species: Abies alba, Picea abies and Pseudotsuga menziesii. Holzforschung, 2021, 75, 168-179.	1.9	8
14	Variation in grain skinning among spring barley varieties induced by a controlled environment misting screen. Journal of Agricultural Science, 2017, 155, 317-325.	1.3	7
15	Development and Quality of Barley Husk Adhesion Correlates With Changes in Caryopsis Cuticle Biosynthesis and Composition. Frontiers in Plant Science, 2019, 10, 672.	3.6	5
16	Specific weight of barley grains is determined by traits affecting packing efficiency and by grain density. Journal of the Science of Food and Agriculture, 2019, 99, 2548-2555.	3.5	5
17	Use of Raman microspectroscopy to predict malting barley husk adhesion quality. Plant Physiology and Biochemistry, 2019, 139, 587-590.	5.8	4
18	The Structure of the Barley Husk Influences Its Resistance to Mechanical Stress. Frontiers in Plant Science, 2020, 11, 614334.	3.6	3

#	Article	IF	CITATIONS
19	A generic information framework for decision-making in a forest-based bio-economy. Annals of Forest Science, 2021, 78, .	2.0	2
20	Post-Anthesis Water-stressed Barley Maintains Grain Specific Weight Through Altered Grain Composition and Plant Architecture. Plants, 2020, 9, 1564.	3.5	1
21	The quality of barley husk-caryopsis adhesion is not correlated with caryopsis cuticle permeability. Journal of Plant Physiology, 2019, 243, 153054.	3.5	0