Helena Vieira

List of Publications by Year
in descending order

15 papers	84 citations	1684188 5 h-index	1588992 8 g-index
15 all docs	15 docs citations	15 times ranked	105 citing authors

#	Article	IF	Citations
1	An automatic recognition system of Brazilian flora species based on textural features of macroscopic images of wood. Wood Science and Technology, 2020, 54, 1065-1090.	3.2	26
2	WOOD AND CHARCOAL ANATOMY OF FOUR MYRTACEAE SPECIES. Cerne, 2018, 24, 190-200.	0.9	9
3	WOOD COLORIMETRY OF NATIVE SPECIES OF MYRTACEAE FROM A ARAUCARIA FOREST. Floresta, 2019, 49, 353.	0.2	9
4	Potential of the near-infrared spectroscopy for the discrimination of wood and charcoal of four native Myrtaceae species in southern Brazil. Wood Material Science and Engineering, 2021, 16, 188-195.	2.3	7
5	Discrimination of â€œLourosâ€•wood from the Brazilian Amazon by near-infrared spectroscopy and machine learning techniques. European Journal of Wood and Wood Products, 2021, 79, 989-998.	2.9	7
6	Impact of carbonization parameters on anatomic aspects and near-infrared spectra of three species from Mozambique. Wood Science and Technology, 2019, 53, 1373-1394.	3.2	6
7	Eucalyptus spp. cellulose nanocrystals obtained by acid hydrolysis and ultrasound processing for structural strengthening in paper packaging. Wood Science and Technology, 2021, 55, 639-657.	3.2	4
8	EVALUATION OF POLY(VINYL ALCOHOL) ADDITION EFFECT ON NANOFIBRILLATED CELLULOSE FILMS CHARACTERISTICS. Cerne, 2020, 26, 1-8.	0.9	4
9	VariaÃ§Ã£o radial e longitudinal da densidade bÃ¡sica da madeira de Pinus patula. Pesquisa Florestal Brasileira, 0, 38, .	0.1	4
10	NANOFIBRILLATED CELLULOSE, THE SMALL PROMISING FIBER: CHARACTERISTICS AND POTENTIALITIES. Floresta, 2019, 49, 411.	0.2	2
11	Near-infrared spectroscopy for the distinction of wood and charcoal from Fabaceae species: comparison of ANN, KNN AND SVM models. Forest Systems, 2020, 29, e020.	0.3	2
12	Colorimetry as a tool for description of some wood species marketed as â€œtauariâ€•in Brazilian Amazon. Anais Da Academia Brasileira De Ciencias, 2022, 94, e20191479.	0.8	2
13	Vis spectroscopy and CIELAB parameters of six wood species of the Fabaceae family marketed in the Brazilian Amazon. International Wood Products Journal, 2021, 12, 164-171.	1.1	1
14	ClassificaÃ§Ã£o visual e mecÃ¢nica da espÃ©cie Cryptomeria japonica D. Don para utilizaÃ§Ã£o em madeira laminada colada. Ciencia Florestal, 2020, 30, 451.	0.3	1
15	Charcoal anatomy and NIR spectra of Spirostachys africana, Terminalia sp. and Colophospermum mopane in different carbonization process. SN Applied Sciences, 2020, 2, 1.	2.9	0