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Employment

Professor

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Research outputs

Intraspecific grafting and anatomical compatibility of *Eugenia stipitata* Mc Vaugh

Andrade, J. K. C. D., Chagas, E. A., Chagas, P. C., Pio, R., Ferreira, C. A., Tavares, I. D. N. & Moura, E. A., 24 Jan 2024, In: REVISTA AGRO@MBIENTE ON-LINE.

Herramientas de corte para optimizar parámetros de clasificación de especies maderables con redes neuronales convolucionales

Centeno, T. B., Ferreira, C., Inga, J. G., Vélez, A., Huacho, R., Vidal, O. D., Moya, S. M., Reyes, D. C., Goytendia, W. E., Ascue, B. S. & Tomazello-Filho, M., 1 Jan 2023, In: Revista de Biología Tropical. 71, 1, e51310.

Exploring monsoon precipitation signal in the Peruvian tropical montane cloud forest: Andean Walnut wood anatomy plasticity

Rodríguez-Ramírez, E. C., Crispin-Delacruz, D. B., Morales, M. S., Ticse-Otarola, G. A., Ames-Martínez, F. N., Guerra, A., Alves-Ferreira, C. & Requena-Rojas, E. J., 2023, In: IAWA Journal. 17, 4

Exploring monsoon precipitation signal in the Peruvian tropical montane cloud forest: Andean Walnut wood anatomy plasticity

Rodríguez Ramírez, E. C., Crispin-Delacruz, D. B., Santos Morales, M., Ticse-Otarola, G., Ames Martinez, F. N., Guerra, A., Alves Ferreira, C. & Requena Rojas, E. J., 2023, (Published) In: IAWA Journal. 2, 2, p. 1 19 p.

Identification of 20 species from the Peruvian Amazon tropical forest by the wood macroscopic features

Alves Ferreira, C., Inga Guillen, J. G., HUACHO BUENDIA, R., Vidal Alanya, O. D., REYES ALIAGA, D. C., GOYTENDIA CENTENO, W., ASCUE MIRANDA, B. S., MOYA MATEO, S. M., CENTENO UTOS, T., VELEZ ECHEVERRY, A. & Tomazello Filho, M., 2023, (Published) In: Cerne. 29, 1, p. Identificación de maderas Selva Central.

Identification of 20 species from the Peruvian Amazon tropical forest by the wood macroscopic features

Ferreira, C. A., Inga, J. G. G., Buendia, R. H., Vidal, O. D. A., Reyes, D. C. A., Centeno, W. G., Ascue, B. S. M., Moya, S. M. M., Centeno, T. U., Echeverry, A. V. & Filho, M. T., 2023, In: Cerne. 29, 1, e-103134.

Aplicação de algoritmos de Random Forest no suporte à identificação das espécies *Handroanthus Serratifolius* (Vahl) S. O. Grose e *Handroanthus Impetiginosus* (Mart. Ex DC.) Mattos (bignoniaceae) / Application of Random Forest algorithm to support in identification of the *Handroanthus Serratifolius* (Vahl) S. O. Grose and *Handroanthus Impetiginosus* (Mart. Ex DC.) Mattos (bignoniaceae) species

CASSIANA, A. F., 23 May 2022, (Published) In: Brazilian Journal of Development.

Guía de anatomía e Identificación de 50 especies maderables comerciales en Selva Central, Perú.

Alves Ferreira, C. & Inga Guillen, J. G., 2022, (Published) *Guía de Anatomía e Identificación de 50 especies maderables comerciales en Selva Central, Perú.* . Falla Aguirre, J. D. P. & Mandujano Gonzales, Y. (eds.). 1 ed. Huancayo, Peru: Fondo Editorial Universidad Continental, Vol. 1. p. 1-164

Chemical composition and cellular structure of cork from *Agonandra brasiliensis* from the Brazilian Cerrado

Pereira Silva, E., da Silva Mota, G., Alves Ferreira, C., da Silva Araújo, E., Brito Sousa, T., Pereira, H. & Akira Mori, F., Nov 2021, In: European Journal of Wood and Wood Products. 79, 1, p. 1469 1478 p.

Identification of tree species from the Peruvian tropical amazon "Selva Central" forests according to wood anatomy

Alves Ferreira, C., Inga Guillen, J. G., Vidal Alanya, O. D., Goytendia, W. E., MOYA MATEO, S. M., CENTENO UTOS, T., VELEZ ECHEVERRY, A., Gamarra, D. & Tomazello Filho, M., 9 Sep 2021, (Published) In: BioResources. 16, 4

Anatomia comparada de *Clethra scabra* Pers. (Clethraceae) em diferentes altitudes na Serra da Mantiqueira, Minas Gerais, Brasil

Santos, M. L., Ribeiro, A. D. O., Castro, E. M. D., Miranda, K. F., Lira, M. F. P., Pereira, M. P., Ferreira, C. A. & Mori, F. A., 6 Sep 2021, (Published) In: Ciência Florestal.

Bark of *Astronium lecontei* Ducke trees from the Amazon: chemical and structural characterization

Alves Ferreira, C., 15 Mar 2021, (Published) In: European Journal of Wood and Wood Products.

ANATOMICAL IDENTIFICATION OF TROPICAL WOODS TRADED IN LAVRAS, BRAZIL

Alves Ferreira, C., 19 Jan 2021, (Published) In: Journal of Tropical Forest Science.

Importance of Pits in *Corymbia Citriodora* (Hook.) K.D. Hill & L.A.S. Johnson (Myrtaceae) Wood Permeability

Monteiro, T. C., Lima, J. T., Neto, R. A. & Ferreira, C. A., 2021, (Published) In: Floresta e Ambiente.

Importance of Pits in *Corymbia Citriodora* (Hook.) K.D. Hill & L.A.S. Johnson (Myrtaceae) Wood Permeability

Monteiro, T. C., Lima, J. T., Neto, R. A. & Ferreira, C. A., 2021, In: Floresta e Ambiente. 28, 1, p. 1-5 5 p.

Comparative wood anatomy of two tropical species

CASSIANA, A. F., 23 May 2020, (Published) In: Scientia Agraria Paranaensis.

Relações morfo-anatômicas dos elementos traqueais de genótipos de *Eucalyptus* L'Héritier

CASSIANA, A. F., 21 Jan 2020, (Published) In: Scientia Agraria Paranaensis.

IDENTIFICAÇÃO MACROSCÓPICA DE MADEIRAS TROPICAIS COMERCIALIZADAS COMO GUAJARÁ EM LAVRAS/MG

Alves Ferreira, C., 2020, (Published) In: Brazilian Journal of Development.

Anatomic compatibility of pear and quince trees grafted on *Pyrus calleryana* and *Chaenomeles sinensis* rootstocks

de Melo, E. T., Pio, R., Balbi, R. V., Ferreira, C. A. & Mori, F. A., 1 Oct 2017, In: Pesquisa Agropecuária Brasileira. 52, 10, p. 877-886 10 p.

Anatomic compatibility of pear and quince trees grafted on *Pyrus calleryana* and *Chaenomeles sinensis* rootstocks

Alves Ferreira, C., Oct 2017, (Published) In: Pesquisa Agropecuária Brasileira.

AVALIAÇÃO DO POTENCIAL ANTIOXIDANTE DOS EXTRATOS DA MADEIRA DO CAFEEIRO PRODUZIDOS EM DIFERENTES SISTEMAS DE CULTIVOS

Alves Ferreira, C., 31 May 2017, (Published) In: e-xacta.