

# Sergio Brazolin

## List of Publications by Year in descending order

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14  
papers

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docs citations

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298  
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#	ARTICLE	IF	CITATIONS
1	Strength Loss Inference Due to Decay or Cavities in Tree Trunks Using Tomographic Imaging Data Applied to Equations Proposed in the Literature. <i>Forests</i> , 2022, 13, 596.	2.1	5
2	Bibliometric Review on the Use of Internet of Things Technologies to Monitor the Impacts of Wind on Trees and Forests. <i>Engineering Proceedings</i> , 2021, 9, 16.	0.4	1
3	Wood color changes and termiticidal properties of teak heartwood extract used as a wood preservative. <i>Holzforschung</i> , 2020, 74, 233-245.	1.9	16
4	Evidence to wood biodeterioration of tropical species revealed by non-destructive techniques. <i>Science of the Total Environment</i> , 2019, 672, 357-369.	8.0	9
5	Wood preservation for preventing biodeterioration of Cross Laminated Timber (CLT) panels assembled in tropical locations. <i>Procedia Structural Integrity</i> , 2018, 11, 242-249.	0.8	13
6	Potential of teak heartwood extracts as a natural wood preservative. <i>Journal of Cleaner Production</i> , 2017, 142, 2093-2099.	9.3	67
7	Evaluation of mold growth on sugarcane bagasse particleboards in natural exposure and in accelerated test. <i>International Biodeterioration and Biodegradation</i> , 2016, 115, 266-276.	3.9	18
8	A PRESERVAÇÃO DAS PALMEIRAS-IMPERIAIS DA PRAÇA RAMOS DE AZEVEDO: UM QUADRO PAISAGÍSTICO MEMORÁVEL DA CIDADE DE SÃO PAULO. <i>Revista LABVERDE</i> , 2016, 2, 13.	0.3	0
9	Challenges to the use of RFID in wood cross-ties. , 2014, , .		0
10	Propriedades físico-mecânicas do lenho deteriorado por fungos apodrecedores de Árvores de Tipuana tipu. <i>Cerne</i> , 2014, 20, 183-190.	0.9	6
11	APPLICATION OF X-RAY TECHNIQUE IN NONDESTRUCTIVE EVALUATION OF EUCALYPT WOOD. <i>Maderas: Ciencia Y Tecnologia</i> , 2008, 10, .	0.7	32
12	Biodeterioration of brazilwood <i>Caesalpinia echinata</i> Lam. (Leguminosae "Caesalpinioideae) by rot fungi and termites. <i>International Biodeterioration and Biodegradation</i> , 2007, 60, 285-292.	3.9	29
13	Susceptibility of phosphogypsum to fungal growth and the effect of various biocides. <i>International Biodeterioration and Biodegradation</i> , 2002, 49, 293-298.	3.9	16
14	Reliability of tomographic image to represent variation in stem wood properties assessed using confusion matrix metrics. <i>Wood Science and Technology</i> , 0, , 1.	3.2	2