

David Siniscalco

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

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citations

1040056

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all docs

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docs citations

13
times ranked

391
citing authors

#	ARTICLE	IF	CITATIONS
1	Better insight into the nano-mechanical properties of flax fibre cell walls. <i>Industrial Crops and Products</i> , 2017, 97, 224-228.	5.2	66
2	Exploring the potential of waste leaf sheath date palm fibres for composite reinforcement through a structural and mechanical analysis. <i>Composites Part A: Applied Science and Manufacturing</i> , 2017, 103, 292-303.	7.6	47
3	Investigation of the Mechanical Properties of Flax Cell Walls during Plant Development: The Relation between Performance and Cell Wall Structure. <i>Fibers</i> , 2018, 6, 6.	4.0	45
4	Evolution of flax cell wall ultrastructure and mechanical properties during the retting step. <i>Carbohydrate Polymers</i> , 2019, 206, 48-56.	10.2	40
5	Functionalization of Hydroxyapatite Ceramics: Raman Mapping Investigation of Silanization. <i>Ceramics</i> , 2019, 2, 372-384.	2.6	23
6	Statistical Analysis of Mounded Surfaces: Application to the Evolution of Ultrathin Gold Film Morphology with Deposition Temperature. <i>Langmuir</i> , 2013, 29, 717-726.	3.5	21
7	Exploring the mechanical performance and in-planta architecture of secondary hemp fibres. <i>Industrial Crops and Products</i> , 2017, 108, 1-5.	5.2	20
8	Monitoring temperature effects on flax cell-wall mechanical properties within a composite material using AFM. <i>Polymer Testing</i> , 2018, 69, 91-99.	4.8	17
9	Main criteria of sustainable natural fibre for efficient unidirectional biocomposites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2019, 124, 105504.	7.6	17
10	Alternative Strategy Based on Scanning Probe Lithography for Patterning Complex Metallic Nanostructures on Rigid or Flexible Substrates. <i>Advanced Materials Technologies</i> , 2018, 3, 1800134.	5.8	6
11	Temperature-Induced Structural Transitions on Hybrid Nanoscale Metal/Polymer Assemblies. <i>Journal of Physical Chemistry C</i> , 2013, 117, 7391-7397.	3.1	4
12	Impact de la valeur seuil de transmission d'un laser sur l'analyse quantitative en spectrométrie Raman. <i>Instrumentation Mesure Metrologie</i> , 2016, 15, 121-136.	0.3	0