

Maduka Lankani Weththimuni

List of Publications by Year in descending order

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19
papers

417
citations

687363

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19
times ranked

438
citing authors

#	ARTICLE	IF	CITATIONS
1	Preliminary Cleaning Approach with Alginate and Konjac Glucomannan Polysaccharide Gel for the Surfaces of East Asian and Western String Musical Instruments. <i>Materials</i> , 2022, 15, 1100.	2.9	3
2	Durable Polymer Coatings: A Comparative Study of PDMS-Based Nanocomposites as Protective Coatings for Stone Materials. <i>Chemistry</i> , 2022, 4, 60-76.	2.2	13
3	ZrO ₂ -doped ZnO-PDMS nanocomposites as protective coatings for the stone materials. <i>Acta IMEKO (2012)</i> , 2022, 11, 5.	0.7	7
4	Fluorogenic Detection of Sulfite in Water by Using Copper(II) Azacyclam Complexes. <i>Molecules</i> , 2022, 27, 1852.	3.8	4
5	Improving the Protective Properties of Shellac-Based Varnishes by Functionalized Nanoparticles. <i>Coatings</i> , 2021, 11, 419.	2.6	17
6	Ag-TiO ₂ /PDMS nanocomposite protective coatings: Synthesis, characterization, and use as a self-cleaning and antimicrobial agent. <i>Progress in Organic Coatings</i> , 2021, 158, 106342.	3.9	32
7	Multifunctional and Durable Coatings for Stone Protection Based on Gd-Doped Nanocomposites. <i>Sustainability</i> , 2021, 13, 11033.	3.2	12
8	The CRATI Project: New Insights on the Consolidation of Salt Weathered Stone and the Case Study of San Domenico Church in Cosenza (South Calabria, Italy). <i>Coatings</i> , 2019, 9, 330.	2.6	15
9	Improving Wood Resistance to Decay by Nanostructured ZnO-Based Treatments. <i>Journal of Nanomaterials</i> , 2019, 2019, 1-11.	2.7	24
10	Preparation and characterization of photocatalytic Gd-doped TiO ₂ nanoparticles for water treatment. <i>Environmental Science and Pollution Research</i> , 2019, 26, 32734-32745.	5.3	37
11	Study of the copper effect in iron-gall inks after artificial ageing. <i>Chemical Papers</i> , 2018, 72, 1905-1915.	2.2	13
12	Consolidation of bio-calcarene stone by treatment based on diammonium hydrogenphosphate and calcium hydroxide nanoparticles. <i>Measurement: Journal of the International Measurement Confederation</i> , 2018, 127, 396-405.	5.0	22
13	A step forward in disclosing the secret of stradivari's varnish by NMR spectroscopy. <i>Journal of Polymer Science Part A</i> , 2017, 55, 3949-3954.	2.3	15
14	Shellac/nanoparticles dispersions as protective materials for wood. <i>Applied Physics A: Materials Science and Processing</i> , 2016, 122, 1.	2.3	27
15	Chemical characterization of wood samples colored with iron inks: insights into the ancient techniques of wood coloring. <i>Wood Science and Technology</i> , 2016, 50, 1057-1070.	3.2	20
16	Nanoparticles for conservation of bio-calcarene stone. <i>Applied Physics A: Materials Science and Processing</i> , 2014, 114, 673-683.	2.3	63
17	Anti-graffiti nanocomposite materials for surface protection of a very porous stone. <i>Applied Physics A: Materials Science and Processing</i> , 2014, 116, 1525-1539.	2.3	30
18	Water-repellent properties of fluoroelastomers on a very porous stone: Effect of the application procedure. <i>Progress in Organic Coatings</i> , 2013, 76, 495-503.	3.9	45

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19	Surface treatments of wood by chemically modified shellac. Surface Engineering, 2013, 29, 121-127.	2.2	18