Maduka Lankani Weththimuni

List of Publications by Year
in descending order

19	417	687363 13	794594 19
papers	citations	h-index	g-index

19	19	19	438
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nanoparticles for conservation of bio-calcarenite stone. Applied Physics A: Materials Science and Processing, 2014, 114, 673-683.	2.3	63
2	Water-repellent properties of fluoroelastomers on a very porous stone: Effect of the application procedure. Progress in Organic Coatings, 2013, 76, 495-503.	3.9	45
3	Preparation and characterization of photocatalytic Gd-doped TiO2 nanoparticles for water treatment. Environmental Science and Pollution Research, 2019, 26, 32734-32745.	5.3	37
4	Ag-TiO2/PDMS nanocomposite protective coatings: Synthesis, characterization, and use as a self-cleaning and antimicrobial agent. Progress in Organic Coatings, 2021, 158, 106342.	3.9	32
5	Anti-graffiti nanocomposite materials for surface protection of a very porous stone. Applied Physics A: Materials Science and Processing, 2014, 116, 1525-1539.	2.3	30
6	Shellac/nanoparticles dispersions as protective materials for wood. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	2.3	27
7	Improving Wood Resistance to Decay by Nanostructured ZnO-Based Treatments. Journal of Nanomaterials, 2019, 2019, 1-11.	2.7	24
8	Consolidation of bio-calcarenite stone by treatment based on diammonium hydrogenphosphate and calcium hydroxide nanoparticles. Measurement: Journal of the International Measurement Confederation, 2018, 127, 396-405.	5.0	22
9	Chemical characterization of wood samples colored with iron inks: insights into the ancient techniques of wood coloring. Wood Science and Technology, 2016, 50, 1057-1070.	3.2	20
10	Surface treatments of wood by chemically modified shellac. Surface Engineering, 2013, 29, 121-127.	2.2	18
11	Improving the Protective Properties of Shellac-Based Varnishes by Functionalized Nanoparticles. Coatings, 2021, 11, 419.	2.6	17
12	A step forward in disclosing the secret of stradivari's varnish by NMR spectroscopy. Journal of Polymer Science Part A, 2017, 55, 3949-3954.	2.3	15
13	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). Coatings, 2019, 9, 330.	2.6	15
14	Study of the copper effect in iron-gall inks after artificial ageing. Chemical Papers, 2018, 72, 1905-1915.	2.2	13
15	Durable Polymer Coatings: A Comparative Study of PDMS-Based Nanocomposites as Protective Coatings for Stone Materials. Chemistry, 2022, 4, 60-76.	2.2	13
16	Multifunctional and Durable Coatings for Stone Protection Based on Gd-Doped Nanocomposites. Sustainability, 2021, 13, 11033.	3.2	12
17	ZrO2-doped ZnO-PDMS nanocomposites as protective coatings for the stone materials. Acta IMEKO (2012), 2022, 11, 5.	0.7	7
18	Fluorogenic Detection of Sulfite in Water by Using Copper(II) Azacyclam Complexes. Molecules, 2022, 27, 1852.	3.8	4

#	Article	IF	Citations
19	Preliminary Cleaning Approach with Alginate and Konjac Glucomannan Polysaccharide Gel for the Surfaces of East Asian and Western String Musical Instruments. Materials, 2022, 15, 1100.	2.9	3