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List of Publications by Year
in descending order

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21 papers	896 citations	623734 14 h-index	713466 21 g-index
21 all docs	21 docs citations	21 times ranked	1124 citing authors

#	Article	IF	Citations
1	IR-change and yellowing of polyurethane as a result of UV irradiation. Polymer Degradation and Stability, 2009, 94, 591-596.	5.8	214
2	FTIR and color change of the modified wood as a result of artificial light irradiation. Journal of Photochemistry and Photobiology B: Biology, 2010, 99, 144-149.	3.8	144
3	Structural Changes in Wood under Artificial UV Light Irradiation Determined by FTIR Spectroscopy and Color Measurements â€“ A Brief Review. BioResources, 2012, 8, .	1.0	84
4	Investigations on the thermal stability of a MDI based polyurethane elastomer. Journal of Analytical and Applied Pyrolysis, 2010, 89, 152-158.	5.5	70
5	Natural bio-based products for wood coating and protection against degradation: A Review. BioResources, 2019, 14, 4873-4901.	1.0	58
6	Effect of UV radiation on some semi-interpenetrating polymer networks based on polyurethane and epoxy resin. Polymer Degradation and Stability, 2012, 97, 1261-1269.	5.8	44
7	Epoxy Coatings Based on Modified Vegetable Oils for Wood Surface Protection against Fungal Degradation. ACS Applied Materials & Interfaces, 2020, 12, 14443-14458.	8.0	35
8	Ecofriendly wetâ€“white leather vs. conventional tanned wetâ€“blue leather. A photochemical approach. Journal of Cleaner Production, 2018, 177, 708-720.	9.3	34
9	Epoxy and succinic anhydride functionalized soybean oil for wood protection against UV light action. Journal of Cleaner Production, 2016, 112, 1175-1183.	9.3	32
10	Enhancing the Thermal and Fungal Resistance of Wood Treated with Natural and Synthetic Derived Epoxy Resins. ACS Sustainable Chemistry and Engineering, 2018, 6, 5470-5478.	6.7	30
11	The thermal stability of some semi-interpenetrated polymer networks based on epoxy resin and aromatic polyurethane. Journal of Analytical and Applied Pyrolysis, 2013, 100, 103-110.	5.5	27
12	Thermal behaviour and fungi resistance of composites based on wood and natural and synthetic epoxy resins cured with maleopimaric acid. Polymer Degradation and Stability, 2019, 160, 148-161.	5.8	27
13	Sustainable wood coatings made of epoxidized vegetable oils for ultraviolet protection. Environmental Chemistry Letters, 2021, 19, 307-328.	16.2	23
14	Influence of different tanning agents on bovine leather thermal degradation. Journal of Thermal Analysis and Calorimetry, 2018, 134, 583-594.	3.6	15
15	Bio-based coatings from epoxy resins crosslinked with a rosin acid derivative for wood thermal and antiâ€“fungal protection. Progress in Organic Coatings, 2021, 151, 106008.	3.9	15
16	The influence of polychromic light on the surface of MDI based polyurethane elastomer. Applied Surface Science, 2009, 255, 9453-9457.	6.1	12
17	Physico-chemical properties investigation of softwood surface after treatment with organic anhydride. Open Chemistry, 2013, 11, 2098-2106.	1.9	9
18	A study on coating properties of an epoxy system hardened with maleinized castor oil. Progress in Organic Coatings, 2016, 99, 480-489.	3.9	9

#	Article	IF	Citations
19	Photochemical Aging of Eco-Friendly Wood Coatings Derived from Vegetable Oils. ACS Applied Polymer Materials, 2021, 3, 6303-6314.	4.4	7
20	Effect of Thermal Aging on the Physico-Chemical and Optical Properties of Poly(ester urethane) Elastomers Designed for Passive Damping (Pads) of the Railway. Polymers, 2021, 13, 192.	4.5	5
21	Thermal Degradation of Thermosetting Blends. Engineering Materials, 2015, , 17-49.	0.6	2