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List of Publications by Year
in descending order

35 papers	862 citations	394286 19 h-index	477173 29 g-index
35 all docs	35 docs citations	35 times ranked	625 citing authors

#	Article	IF	Citations
1	Effect of walnut shells and silanized walnut shells on the mechanical and thermal properties of rigid polyurethane foams. Polymer Testing, 2020, 87, 106534.	2.3	79
2	Evaluation of forming mixture composition impact on properties of water blown rigid polyurethane (PUR) foam from rapeseed oil polyol. Industrial Crops and Products, 2015, 66, 210-215.	2.5	74
3	Cleaner production of polyurethane foam: Replacement of conventional raw materials, assessment of fire resistance and environmental impact. Journal of Cleaner Production, 2018, 183, 760-771.	4.6	52
4	Nutmeg filler as a natural compound for the production of polyurethane composite foams with antibacterial and anti-aging properties. Polymer Testing, 2020, 86, 106479.	2.3	52
5	Bio-Based Polyurethane Composite Foams with Improved Mechanical, Thermal, and Antibacterial Properties. Materials, 2020, 13, 1108.	1.3	50
6	Composites of rigid polyurethane foams and silica powder filler enhanced with ionic liquid. Polymer Testing, 2019, 75, 12-25.	2.3	45
7	Curcumin as a natural compound in the synthesis of rigid polyurethane foams with enhanced mechanical, antibacterial and anti-ageing properties. Polymer Testing, 2019, 79, 106046.	2.3	38
8	Composites of Rigid Polyurethane Foams Reinforced with POSS. Polymers, 2019, 11, 336.	2.0	36
9	Fire Suppression and Thermal Behavior of Biobased Rigid Polyurethane Foam Filled with Biomass Incineration Waste Ash. Polymers, 2020, 12, 683.	2.0	36
10	Colored polyurethane foams with enhanced mechanical and thermal properties. Polymer Testing, 2019, 78, 105986.	2.3	29
11	Synthesis of biomass-derived bottom waste ash based rigid biopolyurethane composite foams: Rheological behaviour, structure and performance characteristics. Composites Part A: Applied Science and Manufacturing, 2019, 117, 193-201.	3.8	26
12	Application of Walnut Shells-Derived Biopolyol in the Synthesis of Rigid Polyurethane Foams. Materials, 2020, 13, 2687.	1.3	25
13	The Impact of Hemp Shives Impregnated with Selected Plant Oils on Mechanical, Thermal, and Insulating Properties of Polyurethane Composite Foams. Materials, 2020, 13, 4709.	1.3	24
14	Polyurethane Hybrid Composites Reinforced with Lavender Residue Functionalized with Kaolinite and Hydroxyapatite. Materials, 2021, 14, 415.	1.3	23
15	Rapeseed-based polyols and paper production waste sludge in polyurethane foam: Physical properties and their prediction models. Industrial Crops and Products, 2018, 112, 119-129.	2.5	22
16	Closed Cell Rigid Polyurethane Foams Based on Low Functionality Polyols: Research of Dimensional Stability and Standardised Performance Properties. Materials, 2020, 13, 1438.	1.3	22
17	Mechanically Strong Polyurethane Composites Reinforced with Montmorillonite-Modified Sage Filler (Salvia officinalis L.). International Journal of Molecular Sciences, 2021, 22, 3744.	1.8	22
18	Mechanical Performance of Biodegradable Thermoplastic Polymer-Based Biocomposite Boards from Hemp Shivs and Corn Starch for the Building Industry. Materials, 2019, 12, 845.	1.3	20

#	Article	IF	Citations
19	Research of Wood Waste as a Potential Filler for Loose-Fill Building Insulation: Appropriate Selection and Incorporation into Polyurethane Biocomposite Foams. Materials, 2020, 13, 5336.	1.3	20
20	Rigid Polyurethane Foams Reinforced with POSS-Impregnated Sugar Beet Pulp Filler. Materials, 2020, 13, 5493.	1.3	19
21	Polyurethane Composites Reinforced with Walnut Shell Filler Treated with Perlite, Montmorillonite and Halloysite. International Journal of Molecular Sciences, 2021, 22, 7304.	1.8	17
22	The impact of hot-water-treated fibre hemp shivs on the water resistance and thermal insulating performance of corn starch bonded biocomposite boards. Industrial Crops and Products, 2019, 137, 290-299.	2.5	15
23	Moisture-mechanical performance improvement of thermal insulating polyurethane using paper production waste particles grafted with different coupling agents. Construction and Building Materials, 2019, 208, 525-534.	3.2	15
24	Paper waste sludge enhanced ecoâ€efficient polyurethane foam composites: Physicalâ€"mechanical properties and microstructure. Polymer Composites, 2018, 39, 1852-1860.	2.3	14
25	Coir Fibers Treated with Henna as a Potential Reinforcing Filler in the Synthesis of Polyurethane Composites. Materials, 2021, 14, 1128.	1.3	13
26	Casein/Apricot Filler in the Production of Flame-Retardant Polyurethane Composites. Materials, 2021, 14, 3620.	1.3	13
27	Evaluation of self-thermally treated wood plastic composites from wood bark and rapeseed oil-based binder. Construction and Building Materials, 2020, 250, 118842.	3.2	12
28	Effects of Physical and Chemical Modification of Sunflower Cake on Polyurethane Composite Foam Properties. Materials, 2021, 14, 1414.	1.3	12
29	Hemp shivs and corn-starch-based biocomposite boards for furniture industry: Improvement of water resistance and reaction to fire. Industrial Crops and Products, 2021, 166, 113477.	2.5	12
30	Evaluation of the Performance of Bio-Based Rigid Polyurethane Foam with High Amounts of Sunflower Press Cake Particles. Materials, 2021, 14, 5475.	1.3	6
31	A Study of Rapeseed Oil-Based Polyol Substitution with Bio-based Products to Obtain Dimensionally and Structurally Stable Rigid Polyurethane Foam. Journal of Polymers and the Environment, 2018, 26, 3834-3847.	2.4	5
32	The Effect of Different Plant Oil Impregnation and Hardening Temperatures on Physical-Mechanical Properties of Modified Biocomposite Boards Made of Hemp Shives and Corn Starch. Materials, 2020, 13, 5275.	1.3	5
33	Raw Sheep Wool Management for Thermal Insulation Materials: The Case of Lithuania. Journal of Natural Fibers, 2022, 19, 14250-14261.	1.7	5
34	Vacuum-Based Impregnation of Liquid Glass into Sunflower Press Cake Particles and Their Use in Bio-Based Rigid Polyurethane Foam. Materials, 2021, 14, 5351.	1.3	3
35	Bio-based Foam Insulation. Green Energy and Technology, 2022, , 177-216.	0.4	1