

# AgnÄ— KairytÄ—

## List of Publications by Year in descending order

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35  
papers

862  
citations

393982

19  
h-index

476904

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docs citations

35  
times ranked

625  
citing authors

#	ARTICLE	IF	CITATIONS
1	Raw Sheep Wool Management for Thermal Insulation Materials: The Case of Lithuania. <i>Journal of Natural Fibers</i> , 2022, 19, 14250-14261.	1.7	5
2	Bio-based Foam Insulation. <i>Green Energy and Technology</i> , 2022, , 177-216.	0.4	1
3	Coir Fibers Treated with Henna as a Potential Reinforcing Filler in the Synthesis of Polyurethane Composites. <i>Materials</i> , 2021, 14, 1128.	1.3	13
4	Effects of Physical and Chemical Modification of Sunflower Cake on Polyurethane Composite Foam Properties. <i>Materials</i> , 2021, 14, 1414.	1.3	12
5	Mechanically Strong Polyurethane Composites Reinforced with Montmorillonite-Modified Sage Filler ( <i>Salvia officinalis</i> L.). <i>International Journal of Molecular Sciences</i> , 2021, 22, 3744.	1.8	22
6	Casein/Apricot Filler in the Production of Flame-Retardant Polyurethane Composites. <i>Materials</i> , 2021, 14, 3620.	1.3	13
7	Polyurethane Composites Reinforced with Walnut Shell Filler Treated with Perlite, Montmorillonite and Halloysite. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7304.	1.8	17
8	Hemp shivs and corn-starch-based biocomposite boards for furniture industry: Improvement of water resistance and reaction to fire. <i>Industrial Crops and Products</i> , 2021, 166, 113477.	2.5	12
9	Vacuum-Based Impregnation of Liquid Glass into Sunflower Press Cake Particles and Their Use in Bio-Based Rigid Polyurethane Foam. <i>Materials</i> , 2021, 14, 5351.	1.3	3
10	Evaluation of the Performance of Bio-Based Rigid Polyurethane Foam with High Amounts of Sunflower Press Cake Particles. <i>Materials</i> , 2021, 14, 5475.	1.3	6
11	Polyurethane Hybrid Composites Reinforced with Lavender Residue Functionalized with Kaolinite and Hydroxyapatite. <i>Materials</i> , 2021, 14, 415.	1.3	23
12	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. <i>Materials</i> , 2020, 13, 5275.	1.3	5
13	The Impact of Hemp Shives Impregnated with Selected Plant Oils on Mechanical, Thermal, and Insulating Properties of Polyurethane Composite Foams. <i>Materials</i> , 2020, 13, 4709.	1.3	24
14	Research of Wood Waste as a Potential Filler for Loose-Fill Building Insulation: Appropriate Selection and Incorporation into Polyurethane Biocomposite Foams. <i>Materials</i> , 2020, 13, 5336.	1.3	20
15	Rigid Polyurethane Foams Reinforced with POSS-Impregnated Sugar Beet Pulp Filler. <i>Materials</i> , 2020, 13, 5493.	1.3	19
16	Application of Walnut Shells-Derived Biopolyol in the Synthesis of Rigid Polyurethane Foams. <i>Materials</i> , 2020, 13, 2687.	1.3	25
17	Nutmeg filler as a natural compound for the production of polyurethane composite foams with antibacterial and anti-aging properties. <i>Polymer Testing</i> , 2020, 86, 106479.	2.3	52
18	Fire Suppression and Thermal Behavior of Biobased Rigid Polyurethane Foam Filled with Biomass Incineration Waste Ash. <i>Polymers</i> , 2020, 12, 683.	2.0	36

#	ARTICLE	IF	CITATIONS
19	Bio-Based Polyurethane Composite Foams with Improved Mechanical, Thermal, and Antibacterial Properties. <i>Materials</i> , 2020, 13, 1108.	1.3	50
20	Evaluation of self-thermally treated wood plastic composites from wood bark and rapeseed oil-based binder. <i>Construction and Building Materials</i> , 2020, 250, 118842.	3.2	12
21	Effect of walnut shells and silanized walnut shells on the mechanical and thermal properties of rigid polyurethane foams. <i>Polymer Testing</i> , 2020, 87, 106534.	2.3	79
22	Closed Cell Rigid Polyurethane Foams Based on Low Functionality Polyols: Research of Dimensional Stability and Standardised Performance Properties. <i>Materials</i> , 2020, 13, 1438.	1.3	22
23	Curcumin as a natural compound in the synthesis of rigid polyurethane foams with enhanced mechanical, antibacterial and anti-ageing properties. <i>Polymer Testing</i> , 2019, 79, 106046.	2.3	38
24	Colored polyurethane foams with enhanced mechanical and thermal properties. <i>Polymer Testing</i> , 2019, 78, 105986.	2.3	29
25	The impact of hot-water-treated fibre hemp shivs on the water resistance and thermal insulating performance of corn starch bonded biocomposite boards. <i>Industrial Crops and Products</i> , 2019, 137, 290-299.	2.5	15
26	Mechanical Performance of Biodegradable Thermoplastic Polymer-Based Biocomposite Boards from Hemp Shivs and Corn Starch for the Building Industry. <i>Materials</i> , 2019, 12, 845.	1.3	20
27	Moisture-mechanical performance improvement of thermal insulating polyurethane using paper production waste particles grafted with different coupling agents. <i>Construction and Building Materials</i> , 2019, 208, 525-534.	3.2	15
28	Composites of Rigid Polyurethane Foams Reinforced with POSS. <i>Polymers</i> , 2019, 11, 336.	2.0	36
29	Composites of rigid polyurethane foams and silica powder filler enhanced with ionic liquid. <i>Polymer Testing</i> , 2019, 75, 12-25.	2.3	45
30	Synthesis of biomass-derived bottom waste ash based rigid biopolyurethane composite foams: Rheological behaviour, structure and performance characteristics. <i>Composites Part A: Applied Science and Manufacturing</i> , 2019, 117, 193-201.	3.8	26
31	Cleaner production of polyurethane foam: Replacement of conventional raw materials, assessment of fire resistance and environmental impact. <i>Journal of Cleaner Production</i> , 2018, 183, 760-771.	4.6	52
32	Paper waste sludge enhanced eco-efficient polyurethane foam composites: Physical-mechanical properties and microstructure. <i>Polymer Composites</i> , 2018, 39, 1852-1860.	2.3	14
33	Rapeseed-based polyols and paper production waste sludge in polyurethane foam: Physical properties and their prediction models. <i>Industrial Crops and Products</i> , 2018, 112, 119-129.	2.5	22
34	A Study of Rapeseed Oil-Based Polyol Substitution with Bio-based Products to Obtain Dimensionally and Structurally Stable Rigid Polyurethane Foam. <i>Journal of Polymers and the Environment</i> , 2018, 26, 3834-3847.	2.4	5
35	Evaluation of forming mixture composition impact on properties of water blown rigid polyurethane (PUR) foam from rapeseed oil polyol. <i>Industrial Crops and Products</i> , 2015, 66, 210-215.	2.5	74