Anna StrÄkowska

List of Publications by Year
in descending order

43	970	394286 19	454834 30
papers	citations	h-index	g-index

43	43	43	654
all docs	docs citations	times ranked	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	Rigid polyurethane foams reinforced with solid waste generated in leather industry. Polymer Testing, 2018, 69, 225-237.	2.3	65
3	Keratin feathers as a filler for rigid polyurethane foams on the basis of soybean oil polyol. Polymer Testing, 2018, 72, 32-45.	2.3	61
4	Linseed oil as a natural modifier of rigid polyurethane foams. Industrial Crops and Products, 2018, 115, 40-51.	2.5	60
5	Melamine, silica, and ionic liquid as a novel flame retardant for rigid polyurethane foams with enhanced flame retardancy and mechanical properties. Polymer Testing, 2020, 87, 106511.	2.3	55
6	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
7	Bio-Based Polyurethane Composite Foams with Improved Mechanical, Thermal, and Antibacterial Properties. Materials, 2020, 13, 1108.	1.3	50
8	Composites of rigid polyurethane foams and silica powder filler enhanced with ionic liquid. Polymer Testing, 2019, 75, 12-25.	2.3	45
9	Composites of Rigid Polyurethane Foams Reinforced with POSS. Polymers, 2019, 11, 336.	2.0	36
10	Fire Suppression and Thermal Behavior of Biobased Rigid Polyurethane Foam Filled with Biomass Incineration Waste Ash. Polymers, 2020, 12, 683.	2.0	36
11	Effects of Chemically Treated Eucalyptus Fibers on Mechanical, Thermal and Insulating Properties of Polyurethane Composite Foams. Materials, 2020, 13, 1781.	1.3	36
12	POSS Compounds as Modifiers for Rigid Polyurethane Foams (Composites). Polymers, 2019, 11, 1092.	2.0	25
13	Application of Walnut Shells-Derived Biopolyol in the Synthesis of Rigid Polyurethane Foams. Materials, 2020, 13, 2687.	1.3	25
14	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
15	Polyurethane Hybrid Composites Reinforced with Lavender Residue Functionalized with Kaolinite and Hydroxyapatite. Materials, 2021, 14, 415.	1.3	23
16	The use of rye, oat and triticale straw as fillers of natural rubber composites. Polymer Bulletin, 2018, 75, 4607-4626.	1.7	22
17	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
18	Mechanically Strong Polyurethane Composites Reinforced with Montmorillonite-Modified Sage Filler (Salvia officinalis L.). International Journal of Molecular Sciences, 2021, 22, 3744.	1.8	22

#	Article	IF	Citations
19	New Flame Retardant Systems Based on Expanded Graphite for Rigid Polyurethane Foams. Applied Sciences (Switzerland), 2020, 10, 5817.	1.3	21
20	Rigid Polyurethane Foams Based on Bio-Polyol and Additionally Reinforced with Silanized and Acetylated Walnut Shells for the Synthesis of Environmentally Friendly Insulating Materials. Materials, 2020, 13, 3245.	1.3	20
21	Rigid Polyurethane Foams Reinforced with POSS-Impregnated Sugar Beet Pulp Filler. Materials, 2020, 13, 5493.	1.3	19
22	Polyurethane Composites Reinforced with Walnut Shell Filler Treated with Perlite, Montmorillonite and Halloysite. International Journal of Molecular Sciences, 2021, 22, 7304.	1.8	17
23	POSS as promoters of self-healing process in silicone composites. Polymer Bulletin, 2019, 76, 3387-3402.	1.7	15
24	Vermiculite Filler Modified with Casein, Chitosan, and Potato Protein as a Flame Retardant for Polyurethane Foams. International Journal of Molecular Sciences, 2021, 22, 10825.	1.8	15
25	Biobased Polyurethane Composite Foams Reinforced with Plum Stones and Silanized Plum Stones. International Journal of Molecular Sciences, 2021, 22, 4757.	1.8	14
26	Coir Fibers Treated with Henna as a Potential Reinforcing Filler in the Synthesis of Polyurethane Composites. Materials, 2021, 14, 1128.	1.3	13
27	Casein/Apricot Filler in the Production of Flame-Retardant Polyurethane Composites. Materials, 2021, 14, 3620.	1.3	13
28	Effects of Physical and Chemical Modification of Sunflower Cake on Polyurethane Composite Foam Properties. Materials, 2021, 14, 1414.	1.3	12
29	Bio-Based Rigid Polyurethane Foam Composites Reinforced with Bleached CurauÃ¡ Fiber. International Journal of Molecular Sciences, 2021, 22, 11203.	1.8	12
30	Effect of Accelerated Curing Conditions on Shear Strength and Glass Transition Temperature of Epoxy Adhesives. Procedia Engineering, 2017, 193, 423-430.	1.2	11
31	Polymer substrates for flexible photovoltaic cells application in personal electronic system. Opto-electronics Review, 2016, 24, .	2.4	10
32	Chlorine-Functional Silsesquioxanes (POSS-Cl) as Effective Flame Retardants and Reinforcing Additives for Rigid Polyurethane Foams. Molecules, 2021, 26, 3979.	1.7	10
33	The effects of textile reinforcements on the protective properties of self-healing polymers intended for safety gloves. Textile Reseach Journal, 2020, 90, 1974-1986.	1.1	7
34	POSS compounds as modifiers and additives for elastomeric composites. Polimery, 2013, 58, 772-782.	0.4	7
35	Magnetic (ethylene-octene) elastomer composites obtained by extrusion. Polymer Engineering and Science, 2017, 57, 520-527.	1.5	4
36	Effect of ionic liquids on the selected properties of magnetic composites filled with micro-sized iron oxide (Fe3O4). Polimery, 2016, 61, 117-124.	0.4	3

#	Article	IF	Citations
37	Properties of POSS/HNBR Elastomer Nanocomposites. Materials Science Forum, 0, 714, 175-181.	0.3	2
38	Mechanical and Electrical Performance of Flexible Polymer Film Designed for a Textile Electrically-Conductive Path. Materials, 2021, 14, 2169.	1.3	2
39	Evaluation of the Elastomeric Composite Self-repair Process for the Construction of Protective Gloves. Fibres and Textiles in Eastern Europe, 2018, 26, 104-110.	0.2	2
40	Silsesquioxanes as Modifying Agents of Methylvinylsilicone Rubber. Materials Science Forum, 0, 714, 183-189.	0.3	1
41	Surface modification of methylvinylsilicone rubber vulcanizates with polyhedral oligomeric silsesquioxanes functionalized using chloride groups (POSS-Cl). Polimery, 2016, 61, 272-278.	0.4	1
42	Bio-based Foam Insulation. Green Energy and Technology, 2022, , 177-216.	0.4	1
43	Effect of Ionic Liquids on the Mechanical Properties of Methylvinylsilicone Rubber. , 2011, , 151-154.		0