

Przemysław Rybiński

List of Publications by Year in descending order

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60
papers

872
citations

471509

17
h-index

610901

24
g-index

62
all docs

62
docs citations

62
times ranked

598
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence synergetic effect of halloysite nanotubes and halogen-free flame-retardants on properties nitrile rubber composites. <i>Thermochimica Acta</i> , 2013, 557, 24-30.	2.7	45
2	Thermal properties and flammability of nanocomposites based on diene rubbers and naturally occurring and activated halloysite nanotubes. <i>Journal of Thermal Analysis and Calorimetry</i> , 2012, 107, 1243-1249.	3.6	42
3	Thermal stability, flammability and fire hazard of butadiene-acrylonitrile rubber nanocomposites. <i>Journal of Thermal Analysis and Calorimetry</i> , 2011, 103, 1039-1046.	3.6	39
4	Thermal stability and flammability of butadiene- σ -styrene rubber nanocomposites. <i>Journal of Thermal Analysis and Calorimetry</i> , 2012, 109, 561-571.	3.6	33
5	Thermal properties and flammability of nanocomposites based on nitrile rubbers and activated halloysite nanotubes and carbon nanofibers. <i>Thermochimica Acta</i> , 2012, 549, 6-12.	2.7	31
6	Properties of Chemically Modified (Selected Silanes) Lignocellulosic Filler and Its Application in Natural Rubber Biocomposites. <i>Materials</i> , 2020, 13, 4163.	2.9	28
7	Flammability of diene rubbers. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010, 102, 1043-1049.	3.6	25
8	Flammability of vulcanizates of diene rubbers. <i>Journal of Thermal Analysis and Calorimetry</i> , 2012, 107, 1219-1224.	3.6	25
9	Influence of Lignocellulose Fillers on Properties Natural Rubber Composites. <i>Journal of Polymers and the Environment</i> , 2018, 26, 2489-2501.	5.0	24
10	Thermal stability and flammability of nanocomposites made of diene rubbers and modified halloysite nanotubes. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 113, 31-41.	3.6	22
11	Effect of halogenless flame retardants on the thermal properties, flammability, and fire hazard of cross-linked EVM/NBR rubber blends. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 115, 771-782.	3.6	22
12	Effect of mineral filler additives on flammability, processing and use of silicone-based ceramifiable composites. <i>Polymer Bulletin</i> , 2018, 75, 1731-1751.	3.3	22
13	Effect of modified graphene and carbon nanotubes on the thermal properties and flammability of elastomeric materials. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 127, 2383-2396.	3.6	20
14	Effect of POSS Particles and Synergism Action of POSS and Poly-(Melamine Phosphate) on the Thermal Properties and Flame Retardance of Silicone Rubber Composites. <i>Materials</i> , 2018, 11, 1298.	2.9	20
15	Novel eco-friendly hybrid pigment with improved stability as a multifunctional additive for elastomer composites with reduced flammability and pH sensing properties. <i>Dyes and Pigments</i> , 2021, 186, 108965.	3.7	20
16	Characterization of Ethylene- σ -propylene Composites Filled with Perlite and Vermiculite Minerals: Mechanical, Barrier, and Flammability Properties. <i>Materials</i> , 2020, 13, 585.	2.9	19
17	Thermal stability and flammability of styrene- σ -butadiene rubber (SBR) composites. <i>Journal of Thermal Analysis and Calorimetry</i> , 2013, 113, 43-52.	3.6	18
18	Synergistic Effect of Mica, Glass Frit, and Melamine Cyanurate for Improving Fire Resistance of Styrene-Butadiene Rubber Composites Destined for Ceramizable Coatings. <i>Coatings</i> , 2019, 9, 170.	2.6	18

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19	Application of Earth Pigments in Cycloolefin Copolymer: Protection against Combustion and Accelerated Aging in the Full Sunlight Spectrum. <i>Materials</i> , 2020, 13, 3381.	2.9	18
20	Effect of the spatial network structure and cross-link density of diene rubbers on their thermal stability and fire hazard. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 117, 377-386.	3.6	17
21	Thermal Stability and Flammability of Styrene-Butadiene Rubber-Based (SBR) Ceramifiable Composites. <i>Materials</i> , 2016, 9, 604.	2.9	17
22	Modified Nanoclays/Straw Fillers as Functional Additives of Natural Rubber Biocomposites. <i>Polymers</i> , 2021, 13, 799.	4.5	17
23	Effect of cenospheric fillers on the flammability and fire hazard of silicone rubber composites. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 125, 1373-1386.	3.6	16
24	Silane Treatment as an Effective Way of Improving the Reinforcing Activity of Carbon Nanofibers in Nitrile Rubber Composites. <i>Materials</i> , 2020, 13, 3481.	2.9	16
25	Effects of Basalt and Carbon Fillers on Fire Hazard, Thermal, and Mechanical Properties of EPDM Rubber Composites. <i>Materials</i> , 2021, 14, 5245.	2.9	16
26	Influence of network structures of nitrile rubbers on their thermal properties. <i>Polimery</i> , 2009, 54, 275-282.	0.7	16
27	The thermal properties and the flammability of pigmented elastomeric materials. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 117, 789-798.	3.6	15
28	Determination of toxic products emissions of polymers thermal decomposition using fluidised bed reactor and FTIR analysis. <i>Polymer Testing</i> , 2019, 79, 106040.	4.8	13
29	Influence of cenosphere particles on thermal properties composites of silicon rubber. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 122, 1307-1318.	3.6	12
30	Aluminum-Magnesium Hydroxycarbonate/Azo Dye Hybrids as Novel Multifunctional Colorants for Elastomer Composites. <i>Polymers</i> , 2019, 11, 43.	4.5	12
31	Straw/Nano-Additive Hybrids as Functional Fillers for Natural Rubber Biocomposites. <i>Materials</i> , 2021, 14, 321.	2.9	12
32	Effect of hybrid filler (HNTs@Phtalocyanine) on the thermal properties and flammability of diene rubber. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	11
33	Influence of cenospheric fillers on the thermal properties, ceramisation and flammability of nitrile rubber composites. <i>Journal of Composite Materials</i> , 2018, 52, 2815-2827.	2.4	11
34	Thermal properties and flammability of ethylene-vinyl acetate rubbers (EVM) and their cross-linked blends with nitrile rubber (NBR). <i>Thermochimica Acta</i> , 2013, 568, 104-114.	2.7	10
35	Impact of Basalt Filler on Thermal and Mechanical Properties, as Well as Fire Hazard, of Silicone Rubber Composites, Including Ceramizable Composites. <i>Materials</i> , 2019, 12, 2432.	2.9	10
36	Carminic Acid Stabilized with Aluminum-Magnesium Hydroxycarbonate as New Colorant Reducing Flammability of Polymer Composites. <i>Molecules</i> , 2019, 24, 560.	3.8	10

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37	Iminodiacetate complex of cobalt(II) – Structure, physicochemical characteristics, biological properties and catalytic activity for 2-chloro-2-propen-1-ol oligomerization. <i>Polyhedron</i> , 2020, 175, 114168.	2.2	10
38	Impact of organic-inorganic color additive on the properties of ethylene-norbornene copolymer. <i>Polymer Testing</i> , 2020, 82, 106290.	4.8	10
39	Thermal properties of diene elastomers. <i>Polymer Science - Series B</i> , 2014, 56, 477-486.	0.8	9
40	New Organic/Inorganic Pigments Based on Azo Dye and Aluminum-Magnesium Hydroxycarbonates with Various Mg/Al Ratios. <i>Materials</i> , 2019, 12, 1349.	2.9	9
41	Effect of graphite and common rubber plasticizers on properties and performance of ceramizable styrene-butadiene rubber-based composites. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 138, 2409-2417.	3.6	8
42	Thermal properties of butadiene-acrylonitrile rubbers. <i>Polimery</i> , 2003, 48, 183-187.	0.7	8
43	Effect of flame retardants on thermal stability and flammability of cured nitrile rubber. <i>Polimery</i> , 2009, 54, 833-839.	0.7	8
44	Advanced Ethylene-Propylene-Diene (EPDM) Rubber Composites Filled with Raw Silicon Carbide or Hybrid Systems with Different Conventional Fillers. <i>Polymers</i> , 2022, 14, 1383.	4.5	8
45	Influence of cryogenic modification of silica on thermal properties and flammability of cross-linked nitrile rubber. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010, 101, 665-670.	3.6	7
46	Processing and Properties of Fire Resistant EPDM Rubber-Based Ceramifiable Composites. <i>High Temperature Materials and Processes</i> , 2017, 36, 963-969.	1.4	7
47	Multi-Technique Investigation of Grave Robes from 17th and 18th Century Crypts Using Combined Spectroscopic, Spectrometric Techniques, and New-Generation Sequencing. <i>Materials</i> , 2021, 14, 3535.	2.9	7
48	Impact of Basalt Filler and Ceramizable Additives on the Toxicity of Gaseous Products Emitted from Thermal Decomposition of Silicone Rubber Composites. <i>Materials</i> , 2019, 12, 3478.	2.9	6
49	Influence of Thermal Decomposition of Wood and Wood-Based Materials on the State of the Atmospheric Air. Emissions of Toxic Compounds and Greenhouse Gases. <i>Energies</i> , 2021, 14, 3247.	3.1	6
50	Investigation into the Effect of Spinel Pigments on the Photostability and Combustion Properties of Ethylene-Norbornene Copolymer. <i>Materials</i> , 2021, 14, 4050.	2.9	6
51	Cat-CrNP as new material with catalytic properties for 2-chloro-2-propen-1-ol and ethylene oligomerizations. <i>Scientific Reports</i> , 2021, 11, 15212.	3.3	6
52	Bio-friendly stable organic-inorganic hybrid pigments based on carminic acid and porous minerals: acid/base allochroic behavior and UV-stabilizing effects on ethylene-norbornene copolymer matrix. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 108268.	6.7	6
53	Influence of surface modification on thermal stability and flammability of cross-linked rubbers. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010, 100, 1037-1044.	3.6	5
54	Influence of Carbon Fillers on Thermal Properties and Flammability of Polymeric Nanocomposites. <i>International Polymer Processing</i> , 2017, 32, 270-289.	0.5	5

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55	Study on the Effect of Zinc on the Rheological, Mechanical and Thermal Properties and Fire Hazard of Unfilled and Filled CR/BR Vulcanizates. <i>Polymers</i> , 2020, 12, 2904.	4.5	5
56	Flammability and other properties of elastomeric materials and nanomaterials. Part I. Nanocomposites of elastomers with montmorillonite or halloysite. <i>Polimery</i> , 2013, 58, 327-341.	0.7	5
57	Flammability and other properties of elastomeric materials and nanomaterials. Part II. Nanocomposites of elastomers with attapulgite, nanosilica, nanofibres and carbon nanotubes. <i>Polimery</i> , 2013, 58, 533-542.	0.7	5
58	Pigmented elastomeric composites with limited flammability. <i>Polimery</i> , 2015, 60, 396-401.	0.7	2
59	Mineral Nanofillers Obtained via Cryogenic Deaggregation Method. <i>Solid State Phenomena</i> , 2003, 94, 309-312.	0.3	1
60	Thermal behavior of the products of 2-chloro-2-propen-1-ol oligomerization. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021, 146, 1623-1627.	3.6	1