

Beata Strzemiecka

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

42
papers

658
citations

14
h-index

25
g-index

44
ext. papers

729
ext. citations

3.9
avg, IF

4.01
L-index

#	Paper	IF	Citations
42	Reinforced Polymers: The Emerging Role of Diazonium Modification of Fillers. <i>Physical Chemistry in Action</i> , 2022 , 379-404		
41	Physicochemical Analysis of the Particulate Matter Emitted from Road Vehicle Engines. <i>Energies</i> , 2021 , 14, 8556	3.1	1
40	The effect of lignin-alumina hybrid additive on the properties of composition used in abrasive tools. <i>International Journal of Biological Macromolecules</i> , 2020 , 161, 531-538	7.9	6
39	The influence of ion exchange in zeolite X on the properties of phenol-formaldehyde composites. <i>International Journal of Adhesion and Adhesives</i> , 2020 , 100, 102625	3.4	3
38	Evaluation of the physico-chemical properties of hydrocarbons-exposed bacterial biomass. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020 , 196, 111310	6	1
37	Synthesis and Characterization of Low-Cost Cresol-Based Benzoxazine Resins as Potential Binders in Abrasive Composites. <i>Materials</i> , 2020 , 13,	3.5	3
36	Carbon black modified with 4-hydroxymethylbenzenediazonium salt as filler for phenol-formaldehyde resins and abrasive tools. <i>Journal of Applied Polymer Science</i> , 2020 , 137, 48160	2.9	8
35	Synthesis, characterization, and possible application as sorbents of new low-cost aluminosilicate materials with different Si/Al ratios. <i>International Journal of Materials Research</i> , 2019 , 110, 551-562	0.5	
34	Influence of Change of Si/Al Ratio on the Synthesis of Mesoporous Aluminosilicates and Flexural Strength of Novolac Composites. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2019 , 29, 1439-1446	3.2	2
33	Kraft lignin/cubic boron nitride hybrid materials as functional components for abrasive tools. <i>International Journal of Biological Macromolecules</i> , 2019 , 122, 88-94	7.9	10
32	Mechanically robust and thermally stable abrasive tools from phenolic resins reinforced with diazonium-modified zeolites. <i>Polymer Composites</i> , 2019 , 40, 3209-3219	3	7
31	Modification of Ti6Al4V surface by diazonium compounds. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018 , 191, 27-35	4.4	10
30	Diazonium-modified zeolite fillers. Effect of diazonium substituent position on the filler surface modification and the mechanical properties of phenolic/zeolite composites. <i>International Journal of Adhesion and Adhesives</i> , 2018 , 85, 157-164	3.4	15
29	Additives for Abrasive Materials 2018 ,		3
28	Assessment of the adsorption strength of fragrances on zeolites via solid-phase extraction. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2017 , 40, 353-360	1.3	3
27	The Physicochemical Characteristics of Prosthetic Materials and Their Influence on Their Clinical Properties. <i>Chromatographia</i> , 2017 , 80, 1761-1769	2.1	0
26	Activation of Magnesium Lignosulfonate and Kraft Lignin: Influence on the Properties of Phenolic Resin-Based Composites for Potential Applications in Abrasive Materials. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	39

25	Characteristics of Multifunctional, Eco-Friendly Lignin-Al ₂ O ₃ Hybrid Fillers and Their Influence on the Properties of Composites for Abrasive Tools. <i>Molecules</i> , 2017 , 22,	4.8	21
24	Surface Analysis of Clay Polymer Nanocomposites 2017 , 363-411		1
23	Reactive Diazonium-Modified Silica Fillers for High-Performance Polymers. <i>Langmuir</i> , 2016 , 32, 11646-11654	1.6	25
22	Functional lignin-SiO ₂ hybrids as potential fillers for phenolic binders. <i>Journal of Adhesion Science and Technology</i> , 2016 , 30, 1031-1048	2	12
21	Physicochemical Characterization of Functional Lignin-Silica Hybrid Fillers for Potential Application in Abrasive Tools. <i>Materials</i> , 2016 , 9,	3.5	31
20	New Essential Events in Modern Applications of Inverse Gas Chromatography 2015 , 979-998		
19	Inverse Gas Chromatographic Examination of Polymer Composites. <i>Open Chemistry</i> , 2015 , 13,	1.6	12
18	Surface energy of bovine dentin and enamel by means of inverse gas chromatography. <i>Materials Science and Engineering C</i> , 2015 , 49, 382-389	8.3	15
17	Application of inverse gas chromatography in physicochemical characterization of phenolic resin adhesives. <i>Journal of Chromatography A</i> , 2014 , 1368, 199-203	4.5	14
16	Assessment of the surface chemistry of carbon blacks by TGA-MS, XPS and inverse gas chromatography using statistical chemometric analysis. <i>Applied Surface Science</i> , 2014 , 316, 315-323	6.7	65
15	Influence of different fillers on phenolic resin abrasive composites. Comparison of inverse gas chromatographic and dynamic mechanical thermal analysis characteristics. <i>International Journal of Adhesion and Adhesives</i> , 2014 , 51, 81-86	3.4	19
14	Inverse gas chromatography investigation of oxidized polyolefins: surface properties. <i>Journal of Chromatography A</i> , 2014 , 1337, 194-201	4.5	11
13	Similarity and grouping of perlite and zeolite abrasive fillers: A replacement test. <i>Journal of Applied Polymer Science</i> , 2013 , 127, 3839-3847	2.9	8
12	Estimation of polyurethane-carbon black interactions by means of inverse gas chromatography. <i>Journal of Chromatography A</i> , 2013 , 1314, 249-54	4.5	10
11	Influence of relative humidity on the properties of examined materials by means of inverse gas chromatography. <i>Journal of Chromatography A</i> , 2013 , 1271, 201-6	4.5	8
10	Examination of zeolites as fragrance carriers. <i>Microporous and Mesoporous Materials</i> , 2012 , 161, 106-114	5.3	24
9	Inverse Gas Chromatographic Characterization of Aluminosilicates as Fillers for Abrasive Articles. <i>Chromatographia</i> , 2012 , 75, 353-360	2.1	6
8	Estimation of the work of adhesion by means of inverse gas chromatography for polymer complex systems. <i>International Journal of Adhesion and Adhesives</i> , 2012 , 38, 84-88	3.4	19

7	Characterization of zeolites as potential new generation fillers in abrasive articles. Physicochemical properties of zeolites and their interactions with resins. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2010 , 372, 80-85	5.1	14
6	Application of different analytical methods used in the study of the cross-linking of resins in intermediate-product used in manufacturing of abrasive articles. <i>Journal of Applied Polymer Science</i> , 2009 , 112, 3305-3312	2.9	11
5	Inverse gas chromatography as a source of physicochemical data. <i>Journal of Chromatography A</i> , 2009 , 1216, 1551-66	4.5	189
4	The Examination of the Degree of Coverage of the Fused Alumina Abrasive by Resol Wetting Agent by Inverse GC. <i>Chromatographia</i> , 2009 , 70, 1393-1397	2.1	7
3	Determination of Hansen Solubility Parameters by Means of Gas-Solid Inverse Gas Chromatography. <i>Adsorption Science and Technology</i> , 2008 , 26, 93-102	3.6	7
2	Characterization of fillers used in abrasive articles by means of inverse gas chromatography and principal component analysis. <i>International Journal of Adhesion and Adhesives</i> , 2007 , 27, 188-194	3.4	15
1	Application of inverse gas chromatography in the characterization of raw material used in manufacturing of abrasive materials. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2006 , 280, 177-181	5.1	3