

Mariusz Sandomierski

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.

25
papers

172
citations

7
h-index

11
g-index

31
ext. papers

265
ext. citations

3.9
avg, IF

4
L-index

#	Paper	IF	Citations
25	Formation of the octadecylphosphonic acid layer on the surface of Ti6Al4V ELI titanium alloy and analysis using Raman spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022 , 265, 120368	4.4	0
24	Silica-filled methacrylic composites with extremely high compressive strength. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021 , 116, 104319	4.1	1
23	Diazonium Modification of Inorganic and Organic Fillers for the Design of Robust Composites: A Review. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021 , 31, 1-21	3.2	12
22	A long-term controlled release of the drug for osteoporosis from the surface of titanium implants coated with calcium zeolite. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 5718-5725	7.8	3
21	Calcium-Rich 13X Zeolite as a Filler with Remineralizing Potential for Dental Composites. <i>ACS Biomaterials Science and Engineering</i> , 2020 , 6, 3843-3854	5.5	5
20	Inverse gas chromatography in the examination of surface properties of experimental dental composites. <i>Polymer Testing</i> , 2020 , 90, 106697	4.5	4
19	Calcium zeolites as intelligent carriers in controlled release of bisphosphonates. <i>International Journal of Pharmaceutics</i> , 2020 , 578, 119117	6.5	4
18	The possibility of the polyurethane layer attachment to the unmodified and diazonium-modified titanium alloy applied as potential biomaterial. <i>Surface and Coatings Technology</i> , 2020 , 385, 125389	4.4	5
17	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
16	Characterization of mesoporous aluminosilicate materials by means of inverse liquid chromatography. <i>Journal of Chromatography A</i> , 2020 , 1610, 460544	4.5	4
15	Calcium forms of zeolites A and X as fillers in dental restorative materials with remineralizing potential. <i>Microporous and Mesoporous Materials</i> , 2020 , 294, 109899	5.3	17
14	Calcium montmorillonite and montmorillonite with hydroxyapatite layer as fillers in dental composites with remineralizing potential. <i>Applied Clay Science</i> , 2020 , 198, 105822	5.2	3
13	Improving the abrasion resistance of Ti6Al4V alloy by modifying its surface with a diazonium salt and attaching of polyurethane. <i>Scientific Reports</i> , 2020 , 10, 19289	4.9	5
12	Influence of diazonium and surfactant modification of the mesoporous material on its adsorption properties. <i>Chemical Papers</i> , 2020 , 74, 929-938	1.9	6
11	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
10	Improvement of mechanical properties of silica/phenolic composites and abrasive tools by modification of filler using diazonium salt with hydroxymethyl groups. <i>Polymer Testing</i> , 2019 , 75, 373-379	4.5	5
9	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	

8	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
7	Zeolite fillers for resin-based composites with remineralizing potential. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019 , 210, 126-135	4.4	11
6	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
5	Active diazonium-modified zeolite fillers for methacrylate-based composites. <i>Composite Interfaces</i> , 2019 , 26, 643-657	2.3	7
4	New Mesoporous Aluminosilicates Used for Solid-phase Extraction of Hydrocarbons and Fragrance Compounds. <i>Analytical Letters</i> , 2018 , 51, 2026-2038	2.2	2
3	Modification of Ti6Al4V surface by diazonium compounds. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018 , 191, 27-35	4.4	10
2	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
1	Reactive Diazonium-Modified Silica Fillers for High-Performance Polymers. <i>Langmuir</i> , 2016 , 32, 11646-11654		25