

# Magdalena Gierszewska

## List of Publications by Year in Descending Order

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**Version:** 2024-04-10

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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.

27 papers	654 citations	13 h-index	25 g-index
28 ext. papers	838 ext. citations	4.6 avg, IF	4.7 L-index

#	Paper	IF	Citations
27	Comparison of How Graphite and Shungite Affect Thermal, Mechanical, and Dielectric Properties of Dielectric Elastomer-Based Composites. <i>Energies</i> , <b>2022</b> , 15, 152	3.1	1
26	Poly lactide Films with the Addition of Olive Leaf Extract-Physico-Chemical Characterization.. <i>Materials</i> , <b>2021</b> , 14,	3.5	2
25	Examining the Impact of Squaric Acid as a Crosslinking Agent on the Properties of Chitosan-Based Films. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	4
24	The role of a deep eutectic solvent in changes of physicochemical and antioxidative properties of chitosan-based films. <i>Carbohydrate Polymers</i> , <b>2021</b> , 255, 117527	10.3	19
23	Antibacterial Films Based on Polylactide with the Addition of Quercetin and Poly(Ethylene Glycol). <i>Materials</i> , <b>2021</b> , 14,	3.5	6
22	Polycistronic Expression System for Composed of Chitino- and Chitosanolytic Enzymes. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2021</b> , 9, 710922	5.8	4
21	Influence of Tea Tree Essential Oil and Poly(ethylene glycol) on Antibacterial and Physicochemical Properties of Polylactide-Based Films. <i>Materials</i> , <b>2020</b> , 13,	3.5	7
20	Physicochemical and storage properties of chitosan-based films plasticized with deep eutectic solvent. <i>Food Hydrocolloids</i> , <b>2020</b> , 108, 106007	10.6	35
19	Effect of Diatomaceous Biosilica and Talc on the Properties of Dielectric Elastomer Based Composites. <i>Energies</i> , <b>2020</b> , 13, 5828	3.1	3
18	Stability of polylactide as potential packaging material in solutions of selected surfactants used in cosmetic formulae. <i>Polymer Testing</i> , <b>2019</b> , 74, 225-234	4.5	4
17	Effect of chemical crosslinking on properties of chitosan-montmorillonite composites. <i>Polymer Testing</i> , <b>2019</b> , 77, 105872	4.5	24
16	Antibacterial Films Based on PVA and PVA-Chitosan Modified with Poly(Hexamethylene Guanidine). <i>Polymers</i> , <b>2019</b> , 11,	4.5	31
15	pH-responsive chitosan/alginate polyelectrolyte complex membranes reinforced by tripolyphosphate. <i>European Polymer Journal</i> , <b>2018</b> , 101, 282-290	5.2	67
14	The Influence of the Morphology and Mechanical Properties of Polymer Inclusion Membranes (PIMs) on Zinc Ion Separation from Aqueous Solutions. <i>Polymers</i> , <b>2018</b> , 10,	4.5	14
13	CHARACTERISTICS OF ASCORBIC ACID RELEASE FROM TPP-CROSSLINKED CHITOSAN/ALGINATE POLYELECTROLYTE COMPLEX MEMBRANES. <i>Progress on Chemistry and Application of Chitin and Its Derivatives</i> , <b>2018</b> , XXIII, 76-87	0.7	2
12	Development and Characterization of Polyamide-Supported Chitosan Nanocomposite Membranes for Hydrophilic Pervaporation. <i>Polymers</i> , <b>2018</b> , 10,	4.5	19
11	Designing novel macroporous composite hydrogels based on methacrylic acid copolymers and chitosan and in vitro assessment of lysozyme controlled delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2016</b> , 139, 33-41	6	61

10	EQUILIBRIUM SWELLING STUDY OF CROSSLINKED CHITOSAN MEMBRANES IN WATER, BUFFER AND SALT SOLUTIONS. <i>Progress on Chemistry and Application of Chitin and Its Derivatives</i> , <b>2016</b> , 21, 55-62	0.7	11
9	Chitosan-based membranes with different ionic crosslinking density for pharmaceutical and industrial applications. <i>Carbohydrate Polymers</i> , <b>2016</b> , 153, 501-511	10.3	59
8	pH-responsive hydrogel membranes based on modified chitosan: water transport and kinetics of swelling. <i>Journal of Polymer Research</i> , <b>2015</b> , 22, 1	2.7	46
7	STRUCTURAL AND SWELLING PROPERTIES OF HYDROGEL MEMBRANES BASED ON CHITOSAN CROSSLINKED WITH GLUTARALDEHYDE AND SODIUM TRIPOLYPHOSPHATE. <i>Progress on Chemistry and Application of Chitin and Its Derivatives</i> , <b>2015</b> , XX, 43-53	0.7	3
6	Water state in chemically and physically crosslinked chitosan membranes. <i>Journal of Applied Polymer Science</i> , <b>2013</b> , 130, 1707-1715	2.9	30
5	Effect of ionic crosslinking on the water state in hydrogel chitosan membranes. <i>Carbohydrate Polymers</i> , <b>2009</b> , 77, 590-598	10.3	156
4	Application of pervaporation and osmotic membrane distillation to the regeneration of spent solutions from the osmotic food dehydration. <i>Polish Journal of Chemical Technology</i> , <b>2009</b> , 11, 41-45	1	7
3	Application of osmotic membrane distillation for reconcentration of sugar solutions from osmotic dehydration. <i>Separation and Purification Technology</i> , <b>2007</b> , 57, 425-429	8.3	37
2	Synthesis and properties of hydrogel membranes based on chitosan and sodium alginate. <i>Polimery</i> , <b>2007</b> , 52, 517-523	3.4	2
1	Chitin and Chitosan	1-16	