

# Aleksandra Burkowska-But

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

248  
citations

932766

10  
h-index

940134

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

329  
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of polyhexamethylene guanidine hydrochloride (PHMG) derivatives introduced into polylactide (PLA) on the activity of bacterial enzymes. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2014, 41, 1719-1724.	1.4	34
2	Preparation and characteristics of antibacterial chitosan films modified with N-halamine for biomedical application. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 176, 379-386.	2.5	31
3	Innovative and environmentally safe composites based on starch modified with dialdehyde starch, caffeine, or ascorbic acid for applications in the food packaging industry. <i>Food Chemistry</i> , 2022, 374, 131639.	4.2	31
4	Alkaline and Halophilic Protease Production by <i>Bacillus luteus</i> H11 and its Potential Industrial Applications. <i>Food Technology and Biotechnology</i> , 2018, 56, 553-561.	0.9	28
5	Influence of stabilizers on the antimicrobial properties of silver nanoparticles introduced into natural water. <i>Journal of Environmental Sciences</i> , 2014, 26, 542-549.	3.2	25
6	The Use of Chitosan and Starch-Based Flocculants for Filter Backwash Water Treatment. <i>Materials</i> , 2022, 15, 1056.	1.3	19
7	Biodegradation of polylactide-based composites with an addition of a compatibilizing agent in different environments. <i>International Biodeterioration and Biodegradation</i> , 2020, 147, 104840.	1.9	18
8	Biofilm formation during biodegradation of polylactide, poly (3,4 hydroxybutyrate) and poly( $\mu$ -caprolactone) in activated sludge. <i>International Journal of Biological Macromolecules</i> , 2020, 159, 539-546.	3.6	15
9	Changes in bacterial and archaeal communities during the concentration of brine at the graduation towers in Ciechocinek spa (Poland). <i>Extremophiles</i> , 2018, 22, 233-246.	0.9	12
10	Novel biocidal N-halamine plastic based on poly(vinyl chloride): Preparation and characteristics. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 28, 124-130.	2.9	11
11	Antifungal Activity of Polyhexamethyleneguanidine Derivatives Introduced into Biodegradable Polymers. <i>Journal of Polymers and the Environment</i> , 2019, 27, 1760-1769.	2.4	7
12	Bacterial growth and biofilm formation in household-stored groundwater collected from public wells. <i>Journal of Water and Health</i> , 2015, 13, 353-361.	1.1	6
13	The role of open-air inhalatoria in the air quality improvement in spa towns. <i>International Journal of Occupational Medicine and Environmental Health</i> , 2014, 27, 560-70.	0.6	4
14	Distribution of <i>Legionella pneumophila</i> in Thermal Pools. <i>Clean - Soil, Air, Water</i> , 2016, 44, 532-537.	0.7	3
15	Influence of the N-halamine additives on the mechanical properties and fire-retardancy of biocidal plastics based on poly(vinyl chloride). <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2020, 57, 636-645.	1.2	3
16	Rhizosphere Effect of <i>Salix viminalis</i> L. on Soil Enzyme Activity in a Wastewater Treatment Wetland. <i>Clean - Soil, Air, Water</i> , 2016, 44, 563-571.	0.7	1