Anna Otlewska

List of Publications by Year
in descending order

62 papers	1,544 citations	331259 21 h-index	329751 37 g-index
66 all docs	66 docs citations	66 times ranked	1792 citing authors

#	Article	IF	Citations
1	Antagonistic Activity of Lactic Acid Bacteria and Rosa rugosa Thunb. Pseudo-Fruit Extracts against Staphylococcus spp. Strains. Applied Sciences (Switzerland), 2022, 12, 4005.	1.3	3
2	Aronia melanocarpa (Michx.) Elliot, Chaenomeles superba Lindl. and Cornus mas L. Leaf Extracts as Natural Preservatives for Pork Meat Products. Molecules, 2021, 26, 3009.	1.7	10
3	Antibacterial mechanisms of Aronia melanocarpa (Michx.), Chaenomeles superba Lindl. and Cornus mas L. leaf extracts. Food Chemistry, 2021, 350, 129218.	4.2	33
4	The Renaissance of Plant Mucilage in Health Promotion and Industrial Applications: A Review. Nutrients, 2021, 13, 3354.	1.7	27
5	Antifungal Activity of Polyoxometalate-Ionic Liquids on Historical Brick. Molecules, 2020, 25, 5663.	1.7	12
6	When Salt Meddles Between Plant, Soil, and Microorganisms. Frontiers in Plant Science, 2020, 11, 553087.	1.7	83
7	Monitoring Bioadhesion and Biofim Formation Within Biopits in Archaeological Potsherds by Microscopic Techniques. Microscopy and Microanalysis, 2020, 26, 109-110.	0.2	0
8	Biohydrogen production from fruit and vegetable waste, sugar beet pulp and corn silage via dark fermentation. Renewable Energy, 2020, 153, 1226-1237.	4.3	55
9	Pre-Columbian Archeological Textiles: A Source of Pseudomonas aeruginosa with Virulence Attributes. Applied Sciences (Switzerland), 2020, 10, 116.	1.3	6
10	Factors Influencing Microbiological Biodiversity of Human Foot Skin. International Journal of Environmental Research and Public Health, 2019, 16, 3503.	1.2	9
11	Multistep approach to control microbial fouling of historic building materials by aerial phototrophs. Biofouling, 2019, 35, 284-298.	0.8	5
12	Highâ€throughput sequencing approach in analysis of microbial communities colonizing natural gas pipelines. MicrobiologyOpen, 2019, 8, e00806.	1.2	10
13	Volatile compounds associated with growth of Asaia bogorensis and Asaia lannensis-unusual spoilage bacteria of functional beverages. Food Research International, 2019, 121, 379-386.	2.9	9
14	Influence of Gemini Surfactants on Biochemical Profile and Ultrastructure of Aspergillus brasiliensis. Applied Sciences (Switzerland), 2019, 9, 245.	1.3	5
15	Analysis of paper foxing by newly available omics techniques. International Biodeterioration and Biodegradation, 2018, 132, 157-165.	1.9	25
16	Interactions of fungi with titanium dioxide from paint coating. Indoor and Built Environment, 2018, 27, 263-269.	1.5	4
17	Comparison of methods for identification of microbial communities in book collections: Culture-dependent (sequencing and MALDI-TOF MS) and culture-independent (Illumina MiSeq). International Biodeterioration and Biodegradation, 2018, 131, 51-59.	1.9	57
18	First evaluation of the microbiome of built cultural heritage by using the Ion Torrent next generation sequencing platform. International Biodeterioration and Biodegradation, 2018, 131, 11-18.	1.9	61

#	Article	IF	Citations
19	A Review of Selfâ€Healing Concrete for Damage Management of Structures. Advanced Materials Interfaces, 2018, 5, 1800074.	1.9	412
20	Quillaja saponaria Saponins with Potential to Enhance the Effectiveness of Disinfection Processes in the Beverage Industry. Applied Sciences (Switzerland), 2018, 8, 368.	1.3	10
21	Dust at Various Workplacesâ€"Microbiological and Toxicological Threats. International Journal of Environmental Research and Public Health, 2018, 15, 877.	1.2	18
22	Viability, Enzymatic and Protein Profiles of Pseudomonas aeruginosa Biofilm and Planktonic Cells after Monomeric/Gemini Surfactant Treatment. Molecules, 2018, 23, 1294.	1.7	17
23	Toxinogenicity and cytotoxicity of Alternaria, Aspergillus and Penicillium moulds isolated from working environments. International Journal of Environmental Science and Technology, 2017, 14, 595-608.	1.8	12
24	Disinfection of archival documents using thyme essential oil, silver nanoparticles misting and low temperature plasma. Journal of Cultural Heritage, 2017, 24, 69-77.	1.5	33
25	Microbial diversity of pre-Columbian archaeological textiles and the effect of silver nanoparticles misting disinfection. Journal of Cultural Heritage, 2017, 23, 138-147.	1.5	20
26	Synthesis, Structure and Antimicrobial Properties of Novel Benzalkonium Chloride Analogues with Pyridine Rings. Molecules, 2017, 22, 130.	1.7	34
27	Identification of Carotenoids and Isoprenoid Quinones from Asaia lannensis and Asaia bogorensis. Molecules, 2017, 22, 1608.	1.7	5
28	Microbiological Contamination at Workplaces in a Combined Heat and Power (CHP) Station Processing Plant Biomass. International Journal of Environmental Research and Public Health, 2017, 14, 99.	1.2	12
29	Candida albicans Impairments Induced by Peppermint and Clove Oils at Sub-Inhibitory Concentrations. International Journal of Molecular Sciences, 2017, 18, 1307.	1.8	24
30	Untargeted Metabolomics Approach in Halophiles: Understanding the Biodeterioration Process of Building Materials. Frontiers in Microbiology, 2017, 8, 2448.	1.5	23
31	Factors Determining the Biodiversity of Halophilic Microorganisms on Historic Masonry Buildings. Microbes and Environments, 2017, 32, 164-173.	0.7	8
32	Protection of Historical Wood against Microbial Degradationâ€"Selection and Application of Microbiocides. International Journal of Molecular Sciences, 2016, 17, 1364.	1.8	17
33	Simultaneous Saccharification and Fermentation of Sugar Beet Pulp with Mixed Bacterial Cultures for Lactic Acid and Propylene Glycol Production. Molecules, 2016, 21, 1380.	1.7	31
34	Quaternary ammonium biocides as antimicrobial agents protecting historical wood and brick.. Acta Biochimica Polonica, 2016, 63, 153-159.	0.3	21
35	Prebiotics and age, but not probiotics affect the transformation of 2-amino-3-methyl-3H-imidazo[4,5-f]quinoline (IQ) by fecal microbiota â€“ An inÂvitro study. Anaerobe, 2016, 39, 124-135.	1.0	7
36	Antimicrobial properties of silver nanoparticles against biofilm formation by Pseudomonas aeruginosa on archaeological textiles. Applied Environmental Biotechnology, 2016, 1, 1.	1.0	9

#	Article	IF	Citations
37	Halophilic microorganisms in deteriorated historic buildings: insights into their characteristics.. Acta Biochimica Polonica, 2016, 63, 335-41.	0.3	7
38	Environmental parameters conditioning microbially induced mineralization under the experimental model conditions.. Acta Biochimica Polonica, 2016, 63, 343-51.	0.3	12
39	Production of the Allergenic Protein Alt a 1 by Alternaria Isolates from Working Environments. International Journal of Environmental Research and Public Health, 2015, 12, 2164-2183.	1.2	17
40	Metabolomic and high-throughput sequencing analysisâ€"modern approach for the assessment of biodeterioration of materials from historic buildings. Frontiers in Microbiology, 2015, 6, 979.	1.5	86
41	Assessment of microbial contamination within working environments of different types of composting plants. Journal of the Air and Waste Management Association, 2015, 65, 466-478.	0.9	33
42	Interactions between fungi of standard paint test method BS3900. International Biodeterioration and Biodegradation, 2015, 104, 411-418.	1.9	16
43	Antigenotoxic activity of lactic acid bacteria, prebiotics, and products of their fermentation against selected mutagens. Regulatory Toxicology and Pharmacology, 2015, 73, 938-946.	1.3	24
44	Halophilic microbial communities in deteriorated buildings. World Journal of Microbiology and Biotechnology, 2015, 31, 1489-1499.	1.7	13
45	Clone-based comparative sequence analysis of 16S rRNA genes retrieved from biodeteriorating brick buildings of the former Auschwitz IIâ€"Birkenau concentration and extermination camp. Systematic and Applied Microbiology, 2015, 38, 48-55.	1.2	14
46	The Impact of Ozone Treatment in Dynamic Bed Parameters on Changes in Biologically Active Substances of Juniper Berries. PLoS ONE, 2015, 10, e0144855.	1.1	22
47	Attachment ofAsaia bogorensisOriginating in Fruit-Flavored Water to Packaging Materials. BioMed Research International, 2014, 2014, 1-6.	0.9	10
48	Estimation of fungal contamination and mycotoxin production at workplaces in composting plants, tanneries, archives and libraries. World Mycotoxin Journal, 2014, 7, 345-355.	0.8	18
49	Assessment of biological colonization of historic buildings in the former Auschwitz II-Birkenau concentration camp. Annals of Microbiology, 2014, 64, 799-808.	1.1	26
50	Colonising organisms as a biodegradation factor affecting historical wood materials at the former concentration camp of Auschwitz II â€" Birkenau. International Biodeterioration and Biodegradation, 2014, 86, 171-178.	1.9	31
51	Dynamics of calcium L-lactate fermentation by Lactobacillus rhamnosus in sugar beet thick juice and glucose based media. New Biotechnology, 2014, 31, S150.	2.4	0
52	Diversity of an aerial phototrophic coating of historic buildings in the former Auschwitz II-Birkenau concentration camp. Science of the Total Environment, 2014, 493, 116-123.	3.9	26
53	THE EVALUATION OF MICROBIAL CONTAMINATION IN THE WORKING ENVIRONMENT OF TANNERIES. Medycyna Pracy, 2014, 65, 15-32.	0.3	16
54	Abiotic Determinants of the Historical Buildings Biodeterioration in the Former Auschwitz II â€" Birkenau Concentration and Extermination Camp. PLoS ONE, 2014, 9, e109402.	1.1	24

#	Article	IF	Citations
55	Application of molecular techniques for the assessment of microorganism diversity on cultural heritage objects. Acta Biochimica Polonica, 2014, 61, 217-25.	0.3	10
56	Differentiation of strains from the <scp>B</scp>acillus cereus group by <scp>RFLP</scp>â€<scp>PFGE</scp> genomic fingerprinting. Electrophoresis, 2013, 34, 3023-3028.	1.3	7
57	Xylose fermentation to optically pure l-lactate by isolates of Enterococcus faecium. New Biotechnology, 2012, 29, S62.	2.4	3
58	Isolation and characterization of Enterococcus faecium strains for calcium l-lactate production. New Biotechnology, 2012, 29, S56.	2.4	0
59	Calcium l-lactate recovery from l-lactic acid fermentation process. New Biotechnology, 2012, 29, S54.	2.4	0
60	l-Lactic acid production from rye and oat grains. New Biotechnology, 2012, 29, S174.	2.4	1
61	Adhesive and hydrophobic properties of Pseudomonas aeruginosa and Pseudomonas cedrina associated with cosmetics. Ecological Questions, 0, 28, 41.	0.1	1
62	Halophilic microorganisms in deteriorated historic buildings: insights into their characteristics. Acta Biochimica Polonica, 0, , .	0.3	0