Anna M Pytlak

List of Publications by Year in Descending Order

18 papers	126 citations	8 h-index	11 g-index
20 ext. papers	179 ext. citations	4.7 avg, IF	2.6 L-index

#	Paper	IF	Citations
18	Biochar dose determines methane uptake and methanotroph abundance in Haplic Luvisol. *Science of the Total Environment*, **2022**, 806, 151259	10.2	1
17	Biodegradation of Different Types of Plastics by Insect. *Polymers*, **2021**, 13,	4.5	6
16	Methanotroph-derived bacteriohopanepolyol signatures in sediments covering Miocene brown coal deposits. *International Journal of Coal Geology*, **2021**, 242, 103759	5.5	
15	Influence of pipe material on biofilm microbial communities found in drinking water supply system. *Environmental Research*, **2021**, 196, 110433	7.9	5
14	A survey of greenhouse gases production in central European lignites. *Science of the Total Environment*, **2021**, 800, 149551	10.2	
13	Biochar addition reinforces microbial interspecies cooperation in methanation of sugar beet waste (pulp). *Science of the Total Environment*, **2020**, 730, 138921	10.2	13
12	Stimulation of methanogenesis in bituminous coal from the upper Silesian coal basin. *International Journal of Coal Geology*, **2020**, 231, 103609	5.5	4
11	Water-induced molecular changes of hard coals and lignites. *International Journal of Coal Geology*, **2020**, 224, 103481	5.5	3
10	Changes in the Substrate Source Reveal Novel Interactions in the Sediment-Derived Methanogenic Microbial Community. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	4
9	POLY-3-HYDROXYBUTYRATE AS AN EXAMPLE OF A BIOPOLYMER PRODUCED BY METHANOTROPHIC BACTERIA. *Postepy Mikrobiologii*, **2019**, 58, 329-338	0.4	
8	Methane Oxidation by Endophytic Bacteria Inhabiting Sphagnum sp. and Some Vascular Plants. *Wetlands*, **2018**, 38, 411-422	1.7	9
7	Methanogenic potential of lignites in Poland. *International Journal of Coal Geology*, **2018**, 196, 201-210	5.5	11
6	The effect of environmental factors on total soil DNA content and dehydrogenase activity. *Archives of Biological Sciences*, **2015**, 67, 493-501	0.7	16
5	Distribution of the methanotrophic bacteria in the Western part of the Upper Silesian Coal Basin (Borynia-Zofi□wka and Budryk coal mines). *International Journal of Coal Geology*, **2014**, 130, 70-78	5.5	9
4	Potential for Aerobic Methane Oxidation in Carboniferous Coal Measures. *Geomicrobiology Journal*, **2014**, 31, 737-747	2.5	11
3	Biosynthesis of ectoine by the methanotrophic bacterial consortium isolated from Bogdanka coalmine (Poland). *Applied Biochemistry and Microbiology*, **2014**, 50, 594-600	1.1	9
2	Methanotrophic activity in Carboniferous coalbed rocks. *International Journal of Coal Geology*, **2013**, 106, 1-10	5.5	21

1	Detection of methanotrophic endosymbionts in Sphagnum sp. originating from Moszne peat bog (East Poland). *African Journal of Microbiology Research*, **2013**, 7, 1319-1325	0.5	4