

Anna M Pytlak

List of Publications by Citations

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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.

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 | Methanotrophic activity in Carboniferous coalbed rocks. <i>International Journal of Coal Geology</i> , 2013 , 106, 1-10 | 5.5 | 21 |
| 17 | The effect of environmental factors on total soil DNA content and dehydrogenase activity. <i>Archives of Biological Sciences</i> , 2015 , 67, 493-501 | 0.7 | 16 |
| 16 | Biochar addition reinforces microbial interspecies cooperation in methanation of sugar beet waste (pulp). <i>Science of the Total Environment</i> , 2020 , 730, 138921 | 10.2 | 13 |
| 15 | Methanogenic potential of lignites in Poland. <i>International Journal of Coal Geology</i> , 2018 , 196, 201-210 | 5.5 | 11 |
| 14 | Potential for Aerobic Methane Oxidation in Carboniferous Coal Measures. <i>Geomicrobiology Journal</i> , 2014 , 31, 737-747 | 2.5 | 11 |
| 13 | Methane Oxidation by Endophytic Bacteria Inhabiting Sphagnum sp. and Some Vascular Plants. <i>Wetlands</i> , 2018 , 38, 411-422 | 1.7 | 9 |
| 12 | Distribution of the methanotrophic bacteria in the Western part of the Upper Silesian Coal Basin (Borynia-Zofiówka and Budryk coal mines). <i>International Journal of Coal Geology</i> , 2014 , 130, 70-78 | 5.5 | 9 |
| 11 | Biosynthesis of ectoine by the methanotrophic bacterial consortium isolated from Bogdanka coalmine (Poland). <i>Applied Biochemistry and Microbiology</i> , 2014 , 50, 594-600 | 1.1 | 9 |
| 10 | Biodegradation of Different Types of Plastics by Insect. <i>Polymers</i> , 2021 , 13, | 4.5 | 6 |
| 9 | Influence of pipe material on biofilm microbial communities found in drinking water supply system. <i>Environmental Research</i> , 2021 , 196, 110433 | 7.9 | 5 |
| 8 | Changes in the Substrate Source Reveal Novel Interactions in the Sediment-Derived Methanogenic Microbial Community. <i>International Journal of Molecular Sciences</i> , 2019 , 20, | 6.3 | 4 |
| 7 | Detection of methanotrophic endosymbionts in Sphagnum sp. originating from Moszne peat bog (East Poland). <i>African Journal of Microbiology Research</i> , 2013 , 7, 1319-1325 | 0.5 | 4 |
| 6 | Stimulation of methanogenesis in bituminous coal from the upper Silesian coal basin. <i>International Journal of Coal Geology</i> , 2020 , 231, 103609 | 5.5 | 4 |
| 5 | Water-induced molecular changes of hard coals and lignites. <i>International Journal of Coal Geology</i> , 2020 , 224, 103481 | 5.5 | 3 |
| 4 | Biochar dose determines methane uptake and methanotroph abundance in Haplic Luvisol. <i>Science of the Total Environment</i> , 2022 , 806, 151259 | 10.2 | 1 |
| 3 | POLY-3-HYDROXYBUTYRATE AS AN EXAMPLE OF A BIOPOLYMER PRODUCED BY METHANOTROPHIC BACTERIA. <i>Postępy Mikrobiologii</i> , 2019 , 58, 329-338 | 0.4 | |
| 2 | Methanotroph-derived bacteriohopanepolyol signatures in sediments covering Miocene brown coal deposits. <i>International Journal of Coal Geology</i> , 2021 , 242, 103759 | 5.5 | |

- 1 A survey of greenhouse gases production in central European lignites. *Science of the Total Environment*, **2021**, 800, 149551 10.2