Anna M Pytlak

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1409023/publications.pdf

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20	261	840119 11	940134 16
papers	citations	h-index	g-index

20	20	20	250
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Methanotrophic activity in Carboniferous coalbed rocks. International Journal of Coal Geology, 2013, 106, 1-10.	1.9	28
2	Biodegradation of Different Types of Plastics by Tenebrio molitor Insect. Polymers, 2021, 13, 3508.	2.0	28
3	Biochar addition reinforces microbial interspecies cooperation in methanation of sugar beet waste (pulp). Science of the Total Environment, 2020, 730, 138921.	3.9	26
4	Methanogenic potential of lignites in Poland. International Journal of Coal Geology, 2018, 196, 201-210.	1.9	24
5	Influence of pipe material on biofilm microbial communities found in drinking water supply system. Environmental Research, 2021, 196, 110433.	3.7	21
6	The effect of environmental factors on total soil DNA content and dehydrogenase activity. Archives of Biological Sciences, 2015, 67, 493-501.	0.2	21
7	Methane Oxidation by Endophytic Bacteria Inhabiting Sphagnum sp. and Some Vascular Plants. Wetlands, 2018, 38, 411-422.	0.7	18
8	Biochar dose determines methane uptake and methanotroph abundance in Haplic Luvisol. Science of the Total Environment, 2022, 806, 151259.	3.9	16
9	Potential for Aerobic Methane Oxidation in Carboniferous Coal Measures. Geomicrobiology Journal, 2014, 31, 737-747.	1.0	15
10	Distribution of the methanotrophic bacteria in the Western part of the Upper Silesian Coal Basin (Borynia-ZofiÃ³wka and Budryk coal mines). International Journal of Coal Geology, 2014, 130, 70-78.	1.9	14
11	Biosynthesis of ectoine by the methanotrophic bacterial consortium isolated from Bogdanka coalmine (Poland). Applied Biochemistry and Microbiology, 2014, 50, 594-600.	0.3	12
12	Stimulation of methanogenesis in bituminous coal from the upper Silesian coal basin. International Journal of Coal Geology, 2020, 231, 103609.	1.9	8
13	Changes in the Substrate Source Reveal Novel Interactions in the Sediment-Derived Methanogenic Microbial Community. International Journal of Molecular Sciences, 2019, 20, 4415.	1.8	7
14	New biochars from raspberry and potato stems absorb more methane than wood offcuts and sunflower husk biochars. International Agrophysics, 2020, 34, 355-364.	0.7	7
15	Water-induced molecular changes of hard coals and lignites. International Journal of Coal Geology, 2020, 224, 103481.	1.9	6
16	Detection of methanotrophic endosymbionts in Sphagnum sp. originating from Moszne peat bog (East) Tj ETQq0 0 0 rgBT /Overlock 10	0.4	5
17	Microbial Involvement in Carbon Transformation via CH4 and CO2 in Saline Sedimentary Pool. Biology, 2021, 10, 792.	1.3	3
18	Methanotroph-derived bacteriohopanepolyol signatures in sediments covering Miocene brown coal deposits. International Journal of Coal Geology, 2021, 242, 103759.	1.9	1

#	Article	IF	Citations
19	A survey of greenhouse gases production in central European lignites. Science of the Total Environment, 2021, 800, 149551.	3.9	1
20	POLY-3-HYDROXYBUTYRATE AS AN EXAMPLE OF A BIOPOLYMER PRODUCED BY METHANOTROPHIC BACTERIA. Postepy Mikrobiologii, 2019, 58, 329-338.	0.1	0