

Sabine Marie Podmirseg

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8031063/publications.pdf>

Version: 2024-02-01

43
papers

1,301
citations

471061

17
h-index

414034

32
g-index

43
all docs

43
docs citations

43
times ranked

1828
citing authors

#	ARTICLE	IF	CITATIONS
1	Going for mainstream deammonification from bench to full scale for maximized resource efficiency. <i>Water Science and Technology</i> , 2013, 68, 283-289.	1.2	181
2	The dynamic bacterial communities of a melting High Arctic glacier snowpack. <i>ISME Journal</i> , 2013, 7, 1814-1826.	4.4	132
3	Pathogenic bacteria and mineral N in soils following the land spreading of biogas digestates and fresh manure. <i>Applied Soil Ecology</i> , 2011, 49, 18-25.	2.1	112
4	<i>Buwchfawromyces eastonii</i> gen. nov., sp. nov.: a new anaerobic fungus (Neocallimastigomycota) isolated from buffalo faeces. <i>MycKeys</i> , 0, 9, 11-28.	0.8	95
5	Expanding DEMON Sidestream Deammonification Technology Towards Mainstream Application. <i>Water Environment Research</i> , 2015, 87, 2084-2089.	1.3	93
6	Diet-related composition of the gut microbiota of <i>Lumbricus rubellus</i> as revealed by a molecular fingerprinting technique and cloning. <i>Soil Biology and Biochemistry</i> , 2009, 41, 2299-2307.	4.2	92
7	The use of extracellular DNA as a proxy for specific microbial activity. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 2885-2898.	1.7	45
8	Finding a robust strain for biomethanation: Anaerobic fungi (Neocallimastigomycota) from the Alpine ibex (<i>Capra ibex</i>) and their associated methanogens. <i>Anaerobe</i> , 2014, 29, 34-43.	1.0	44
9	Temperature shapes the microbiota in anaerobic digestion and drives efficiency to a maximum at 45°C. <i>Bioresource Technology</i> , 2018, 269, 309-318.	4.8	43
10	A novel fixed fibre biofilm membrane process for on-site greywater reclamation requiring no fouling control. <i>Biotechnology and Bioengineering</i> , 2015, 112, 484-493.	1.7	41
11	Comparative evaluation of multiple methods to quantify and characterise granular anammox biomass. <i>Water Research</i> , 2015, 68, 194-205.	5.3	37
12	Anaerobic Fungi and Their Potential for Biogas Production. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2015, 151, 41-61.	0.6	35
13	Microbiota in anaerobic digestion of sewage sludge with and without co-substrates. <i>Water and Environment Journal</i> , 2019, 33, 214-222.	1.0	34
14	Employing anaerobic fungi in biogas production: challenges & opportunities. <i>Bioresource Technology</i> , 2020, 300, 122687.	4.8	34
15	Simple yet effective: Microbial and biotechnological benefits of rumen liquid addition to lignocellulose-degrading biogas plants. <i>Journal of Biotechnology</i> , 2019, 300, 1-10.	1.9	29
16	Enhanced solid-state biomethanisation of oil palm empty fruit bunches following fungal pretreatment. <i>Industrial Crops and Products</i> , 2020, 145, 112099.	2.5	24
17	Molecular fingerprinting analysis of the gut microbiota of <i>Cylindroiulus fulviceps</i> (Diplopoda). <i>Pedobiologia</i> , 2009, 52, 325-336.	0.5	22
18	Application of denaturing gradient gel electrophoresis for analysing the gut microflora of <i>Lumbricus rubellus</i> Hoffmeister under different feeding conditions. <i>Bulletin of Entomological Research</i> , 2008, 98, 271-279.	0.5	21

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19	Wood ash amendment to biogas reactors as an alternative to landfilling? A preliminary study on changes in process chemistry and biology. <i>Waste Management and Research</i> , 2013, 31, 829-842.	2.2	20
20	Robustness of the autochthonous microbial soil community after amendment of cattle manure or its digestate. <i>Biology and Fertility of Soils</i> , 2019, 55, 565-576.	2.3	18
21	Trace metals supplementation enhanced microbiota and biohythane production by two-stage thermophilic fermentation. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 3325-3338.	3.8	17
22	Biomethanation at 45°C offers high process efficiency and supports hygienisation. <i>Bioresource Technology</i> , 2020, 300, 122671.	4.8	17
23	The masking effect of extracellular DNA and robustness of intracellular DNA in anaerobic digester NGS studies: A discriminatory study of the total DNA pool. <i>Molecular Ecology</i> , 2021, 30, 438-450.	2.0	17
24	The Effect of a High-Grain Diet on the Rumen Microbiome of Goats with a Special Focus on Anaerobic Fungi. <i>Microorganisms</i> , 2021, 9, 157.	1.6	17
25	Why eDNA fractions need consideration in biomonitoring. <i>Molecular Ecology Resources</i> , 2022, 22, 2458-2470.	2.2	16
26	CoMA – an intuitive and user-friendly pipeline for amplicon-sequencing data analysis. <i>PLoS ONE</i> , 2020, 15, e0243241.	1.1	15
27	Microbial response on the first full-scale DEMON® biomass transfer for mainstream deammonification. <i>Water Research</i> , 2022, 218, 118517.	5.3	12
28	Quantitative and qualitative effects of bioaugmentation on ammonia oxidisers at a two-step WWTP. <i>Water Science and Technology</i> , 2010, 61, 1003-1009.	1.2	10
29	Soil microbiota along Ayoloco glacier retreat area of IztaccĀhuatl volcano, Mexico. <i>Catena</i> , 2017, 153, 83-88.	2.2	8
30	Biological waste treatment. <i>Waste Management and Research</i> , 2013, 31, 773-774.	2.2	7
31	Quantities of Intra- and Extracellular DNA Reveal Information About Activity and Physiological State of Methanogenic Archaea. <i>Frontiers in Microbiology</i> , 2020, 11, 1894.	1.5	5
32	The effect of maize silage as co-substrate for swine manure on the bacterial community structure in biogas plants. <i>Folia Microbiologica</i> , 2012, 57, 281-284.	1.1	4
33	Prokaryotic Community Dynamics during the Start-Up of a Full-Scale BIO4GAS Digester. <i>Journal of Environmental Engineering, ASCE</i> , 2016, 142, .	0.7	4
34	No oxygen-still vigorous: 8th International Symposium on Anaerobic Microbiology (ISAM 8) Innsbruck, Austria. <i>Anaerobe</i> , 2014, 29, 1-2.	1.0	0
35	CoMA – an intuitive and user-friendly pipeline for amplicon-sequencing data analysis. , 2020, 15, e0243241.		0
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37	CoMA " an intuitive and user-friendly pipeline for amplicon-sequencing data analysis. , 2020, 15, e0243241.		0
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