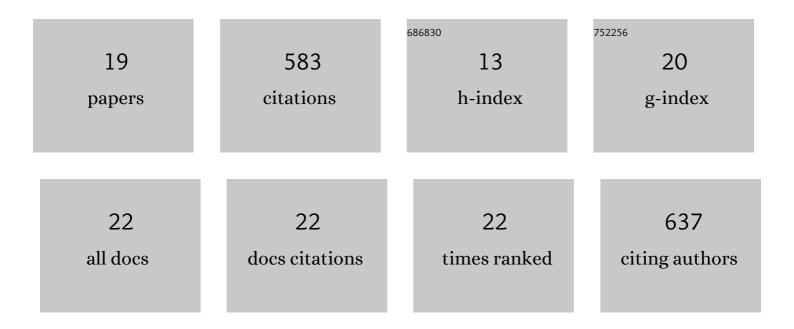
## **Rudolf Markt**

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7274010/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	The glutamyl tail length of the cofactor F420 in the methanogenic Archaea Methanosarcina thermophila and Methanoculleus thermophilus. Science of the Total Environment, 2022, 809, 151112.	3.9	13
2	Detection and abundance of SARS-CoV-2 in wastewater in Liechtenstein, and the estimation of prevalence and impact of the B.1.1.7 variant. Journal of Water and Health, 2022, 20, 114-125.	1.1	18
3	Stability of the Anaerobic Digestion Process during Switch from Parallel to Serial Operation—A Microbiome Study. Sustainability, 2022, 14, 7161.	1.6	2
4	Viral variant-resolved wastewater surveillance of SARS-CoV-2 at national scale. Nature Biotechnology, 2022, 40, 1814-1822.	9.4	82
5	Data modelling recipes for SARS-CoV-2 wastewater-based epidemiology. Environmental Research, 2022, 214, 113809.	3.7	7
6	Proposal of Thermoactinomyces mirandus sp. nov., a filamentous, anaerobic bacterium isolated from a biogas plant. Antonie Van Leeuwenhoek, 2021, 114, 45-54.	0.7	13
7	Data filtering methods for SARS-CoV-2 wastewater surveillance. Water Science and Technology, 2021, 84, 1324-1339.	1.2	24
8	Detection and Stability of SARS-CoV-2 Fragments in Wastewater: Impact of Storage Temperature. Pathogens, 2021, 10, 1215.	1.2	21
9	Quest for Optimal Regression Models in SARS-CoV-2 Wastewater Based Epidemiology. International Journal of Environmental Research and Public Health, 2021, 18, 10778.	1.2	23
10	Extraction of Cofactor F <sub>420</sub> for Analysis of Polyglutamate Tail Length from Methanogenic Pure Cultures and Environmental Samples. Journal of Visualized Experiments, 2021, , .	0.2	3
11	pH and Phosphate Induced Shifts in Carbon Flow and Microbial Community during Thermophilic Anaerobic Digestion. Microorganisms, 2020, 8, 286.	1.6	14
12	Medium Preparation for the Cultivation of Microorganisms under Strictly Anaerobic/Anoxic Conditions. Journal of Visualized Experiments, 2019, , .	0.2	22
13	Formation of phenylacetic acid and phenylpropionic acid under different overload conditions during mesophilic and thermophilic anaerobic digestion. Biotechnology for Biofuels, 2019, 12, 26.	6.2	19
14	Microbial and Phenyl Acid Dynamics during the Start-up Phase of Anaerobic Straw Degradation in Meso- and Thermophilic Batch Reactors. Microorganisms, 2019, 7, 657.	1.6	15
15	Biological Pretreatment Strategies for Second-Generation Lignocellulosic Resources to Enhance Biogas Production. Energies, 2018, 11, 1797.	1.6	169
16	Sample preparation, preservation, and storage for volatile fatty acid quantification in biogas plants. Engineering in Life Sciences, 2017, 17, 132-139.	2.0	24
17	Self-emulsifying drug delivery systems: Design of a novel vaginal delivery system for curcumin. European Journal of Pharmaceutics and Biopharmaceutics, 2017, 115, 268-275.	2.0	37
18	Comment on "Synergistic co-digestion of solid-organic-waste and municipal-sewage-sludge: 1 plus 1 equals more than 2 in terms of biogas production and solids reduction―[Water Research 87, 416–423]. Water Research, 2016, 95, 392-393.	5.3	15

#	Article	IF	CITATIONS
19	Comparative evaluation of multiple methods to quantify and characterise granular anammox biomass. Water Research, 2015, 68, 194-205.	5.3	37