

Simon Poirier

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

663
citations

933447
10
h-index

888059
17
g-index

18
all docs

18
docs citations

18
times ranked

829
citing authors

#	ARTICLE	IF	CITATIONS
1	Anaerobic digestion of biowaste under extreme ammonia concentration: Identification of key microbial phylotypes. <i>Bioresource Technology</i> , 2016, 207, 92-101.	9.6	140
2	Community shifts within anaerobic digestion microbiota facing phenol inhibition: Towards early warning microbial indicators?. <i>Water Research</i> , 2016, 100, 296-305.	11.3	108
3	Improving anaerobic digestion with support media: Mitigation of ammonia inhibition and effect on microbial communities. <i>Bioresource Technology</i> , 2017, 235, 229-239.	9.6	107
4	Deciphering intra-species bacterial diversity of meat and seafood spoilage microbiota using gyrB amplicon sequencing: A comparative analysis with 16S rDNA V3-V4 amplicon sequencing. <i>PLoS ONE</i> , 2018, 13, e0204629.	2.5	84
5	Acclimation strategy to increase phenol tolerance of an anaerobic microbiota. <i>Bioresource Technology</i> , 2016, 216, 77-86.	9.6	63
6	Direct evidence for the role of microbial community composition in the formation of soil organic matter composition and persistence. <i>ISME Communications</i> , 2021, 1, .	4.2	48
7	Inhibition of anaerobic digestion by phenol and ammonia: Effect on degradation performances and microbial dynamics. <i>Data in Brief</i> , 2018, 19, 2235-2239.	1.0	24
8	Support media can steer methanogenesis in the presence of phenol through biotic and abiotic effects. <i>Water Research</i> , 2018, 140, 24-33.	11.3	19
9	Integrating independent microbial studies to build predictive models of anaerobic digestion inhibition by ammonia and phenol. <i>Bioresource Technology</i> , 2020, 316, 123952.	9.6	17
10	Mitigating the variability of hydrogen production in mixed culture through bioaugmentation with exogenous pure strains. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 2617-2626.	7.1	12
11	Large-scale multivariate dataset on the characterization of microbiota diversity, microbial growth dynamics, metabolic spoilage volatiles and sensorial profiles of two industrially produced meat products subjected to changes in lactate concentration and packaging atmosphere. <i>Data in Brief</i> , 2020, 30, 105453.	1.0	8
12	Draft Genome Sequences of Nine Strains of <i>Brochothrix thermosphacta</i> , <i>Carnobacterium divergens</i> , <i>Lactobacillus algidus</i> , <i>Lactobacillus fuchuensis</i> , <i>Lactococcus piscium</i> , <i>Leuconostoc gelidum</i> subsp. <i>gasicomitatum</i> , <i>Pseudomonas lundensis</i> , and <i>Weissella viridescens</i> , a Collection of Psychrotrophic Species Involved in Meat and Seafood Spoilage. <i>Genome Announcements</i> , 2018, 6, .	0.8	7
13	Detection of an amplification bias associated to <i>Leuconostocaceae</i> family with a universal primer routinely used for monitoring microbial community structures within food products. <i>BMC Research Notes</i> , 2018, 11, 802.	1.4	6
14	Time-course analysis of metabolomic and microbial responses in anaerobic digesters exposed to ammonia. <i>Chemosphere</i> , 2021, 283, 131309.	8.2	6
15	Application of a path-modelling approach for deciphering causality relationships between microbiota, volatile organic compounds and off-odour profiles during meat spoilage. <i>International Journal of Food Microbiology</i> , 2021, 348, 109208.	4.7	5
16	Influence of support media supplementation to reduce the inhibition of anaerobic digestion by phenol and ammonia: Effect on degradation performances and microbial dynamics. <i>Data in Brief</i> , 2018, 19, 1733-1754.	1.0	4
17	Disentangle genus microdiversity within a complex microbial community by using a multi-distance long-read binning method: example of <i>Candidatus</i> <i>Accumulibacter</i> . <i>Environmental Microbiology</i> , 2022, 24, 2136-2156.	3.8	4