# Complete genome analysis of Clostridium bornimense strain M2/40(T): A new acidogenic Clostridium species isolated from a mesophilic two-phase laboratory-scale biogas reactor

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| # | Paper | IF | Citations |
|---|---|---|---|
| 15 | Characterization of the arabinoxylan-degrading machinery of the thermophilic bacterium Herbinix hemicellulosilytica-Six new xylanases, three arabinofuranosidases and one xylosidase. *Journal of Biotechnology*, **2017**, 257, 122-130 | 3.7 | 26 |
| 14 | Metabolic pathway analysis based on high-throughput sequencing in a batch biogas production process. *Energy*, **2017**, 139, 571-579 | 7.9 | 15 |
| 13 | Genomics and prevalence of bacterial and archaeal isolates from biogas-producing microbiomes. *Biotechnology for Biofuels*, **2017**, 10, 264 | 7.8 | 26 |
| 12 | Pan-Cellulosomics of Mesophilic Clostridia: Variations on a Theme. *Microorganisms*, **2017**, 5, | 4.9 | 12 |
| 11 | Biogas. *Biofuel and Biorefinery Technologies*, **2018**, | 1 | 18 |
| 10 | New Omics Technologies and Biogas Production. *Biofuel and Biorefinery Technologies*, **2018**, 419-436 | 1 | 2 |
| 9 | Unraveling the cellulolytic and hemicellulolytic potential of two novel Streptomyces strains. *Annals of Microbiology*, **2018**, 68, 677-688 | 3.2 | 3 |
| 8 | str. M3/6 isolated from a laboratory biogas reactor is versatile in polysaccharide and oligopeptide utilization as deduced from genome-based metabolic reconstructions. *Biotechnology Reports (Amsterdam, Netherlands)*, **2018**, 18, e00254 | 5.3 | 14 |
| 7 | Characterization of genomes assembled from metagenomes of biofilms residing in mesophilic and thermophilic biogas reactors. *Biotechnology for Biofuels*, **2018**, 11, 167 | 7.8 | 22 |
| 6 | CRISPR Genome Editing Systems in the Genus : a Timely Advancement. *Journal of Bacteriology*, **2019**, 201, | 3.5 | 16 |
| 5 | Multi-omic Directed Discovery of Cellulosomes, Polysaccharide Utilization Loci, and Lignocellulases from an Enriched Rumen Anaerobic Consortium. *Applied and Environmental Microbiology*, **2020**, 86, | 4.8 | 7 |
| 4 | Bioprocess Parameters for Thermophilic and Mesophilic Biogas Production: Recent Trends and Challenges. *Clean Energy Production Technologies*, **2021**, 225-256 | 0.8 | |
| 3 | sp. nov., a novel mesophilic anaerobic bacterium that produces cassava pulp-degrading enzymes. *PeerJ*, **2020**, 8, e10343 | 3.1 | 3 |
| 2 | Regional pattern and signatures of gut microbiota in rural residents with coronary heart disease: A metagenomic analysis. 12, | | 0 |
| 1 | Metagenome and metabolome insights into the energy compensation and exogenous toxin degradation of gut microbiota in high-altitude rhesus macaques (Macaca mulatta). **2023**, 9, | | 0 |