Research outputs:

Anaerobic digestion of sludge filtrate assisted by symbionts of short chain fatty acid-oxidation syntrophs and exoelectrogens: Process performance, methane yield and microbial community
Research output: Contribution to journal › Journal article – Annual report year: 2020 › Research › peer-review

Simultaneous biogas and biogas slurry production from co-digestion of pig manure and corn straw: Performance optimization and microbial community shift
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Preparation of biochar via pyrolysis at laboratory and pilot scales to remove antibiotics and immobilize heavy metals in livestock feces
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Process performance and microbial community functional structure in a thermophilic anaerobic baffled reactor coupled with biocatalysed electrolysis
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

Impact of nano zero valent iron on tetracycline degradation and microbial community succession during anaerobic digestion
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Performance, process kinetics and functional microbial community of biocatalyzed electrolysis-assisted anaerobic baffled reactor treating carbohydrate-containing wastewater
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

Projects:

Syngas fermentation to biomethanation
Project: PhD