A novel fuzzy-logic control strategy minimizing N2O emissions
Publication: Research - peer-review › Journal article – Annual report year: 2017

Techno-economic analysis of resource recovery technologies for wastewater treatment plants
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

Understanding N2O formation mechanisms through sensitivity analyses using a plant-wide benchmark simulation model
Publication: Research - peer-review › Journal article – Annual report year: 2017

Control of wastewater N2O emissions by balancing the microbial communities using a fuzzy-logic approach
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Plant-wide modelling and control of nitrous oxide emissions from wastewater treatment plants
Publication: Research › Ph.D. thesis – Annual report year: 2016

Systematic design of membership functions for fuzzy-logic control: A case study on one-stage partial nitritation/anammox treatment systems
Publication: Research - peer-review › Journal article – Annual report year: 2016

Aeration control by monitoring the microbiological activity using fuzzy logic diagnosis and control. Application to a complete autotrophic nitrogen removal reactor
Publication: Research - peer-review › Journal article – Annual report year: 2015

Extending the benchmark simulation model no2 with processes for nitrous oxide production and side-stream nitrogen removal
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Challenges encountered when expanding activated sludge models: a case study based on N2O production.
Publication: Research - peer-review › Journal article – Annual report year: 2014