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Development and application of an automatic feeding control to manage anaerobic co-digestion of winery wastes

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ACCEPTED MANUSCRIPT

- Winery wastes anaerobic digestion using different hydraulic retention times (HRT)
- Long HRT didn't improve process performances and removal efficiencies
- Biogas production rate depends on type of organic compounds in the feed
- Automatic feeding system was set-up on basis of biogas production rate
- The automatic system increased organic loading rate and the biogas production

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