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Continuous biohydrogen production from a food industry waste: Influence of operational parameters and microbial community analysis

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17	Abstract
18	The objective of this study was to assess the influence of the hydraulic retention time (HRT) and
19	the pH on the fermentative hydrogen production from a food industry waste (FIW), in a
20	continuous stirred tank bioreactor. Thus, hydrogen production was investigated for HRTs of 12,
21	8, 6 and 4 h and the results showed a long and stable reactor operation with high hydrogen
22	content in the gas phase and high hydrogen production rates. The optimal HRT was found to be
23	in the range between 6 and 12 h, corresponding to hydrogen yields of 96.27 \pm 3.36 and 101.75 \pm

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