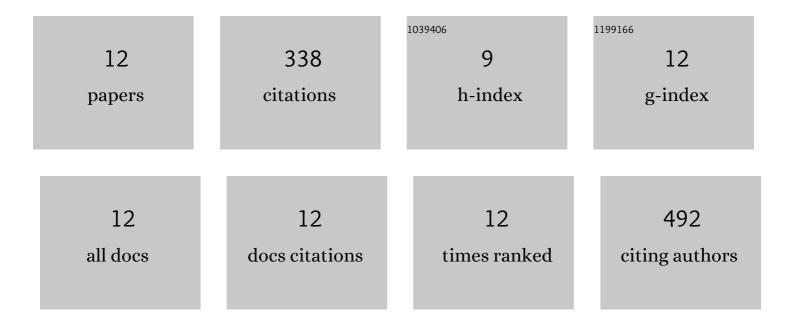
## Marc Wichern

List of Publications by Year in descending order

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MARC MICHERN

| #  | Article   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Microbiological fermentation of lignocellulosic biomass: current state and prospects of mathematical modeling. Applied Microbiology and Biotechnology, 2010, 85, 1643-1652.   | 1.7 | 76        |
| 2  | Efficient Low-Cost Anaerobic Treatment of Wastewater Using Biochar and Woodchip Filters. Water (Switzerland), 2018, 10, 818.  | 1.2 | 46        |
| 3  | On-farm wastewater treatment using biochar from local agroresidues reduces pathogens from irrigation water for safer food production in developing countries. Science of the Total Environment, 2019, 682, 601-610.         | 3.9 | 45        |
| 4  | Determination of Methanogenic Pathways through Carbon Isotope (δ <sup>13</sup> C) Analysis for the<br>Two-Stage Anaerobic Digestion of High-Solids Substrates. Environmental Science & Technology,<br>2015, 49, 4705-4714.  | 4.6 | 42        |
| 5  | Alginate-like exopolysaccharide extracted from aerobic granular sludge as biosorbent for methylene<br>blue: Thermodynamic, kinetic and isotherm studies. Journal of Environmental Chemical Engineering,<br>2019, 7, 103081. | 3.3 | 40        |
| 6  | Parameter estimation and long-term process simulation of a biogas reactor operated under trace elements limitation. Applied Energy, 2015, 142, 352-360.   | 5.1 | 30        |
| 7  | Determination of the fractions of syntrophically oxidized acetate inÂaÂmesophilic methanogenic<br>reactor through an 12C and 13C isotope-based kinetic model. Water Research, 2016, 102, 362-373.                           | 5.3 | 21        |
| 8  | A comparative study of different electrochemical methods to determine cell internal parameters of microbial fuel cells. Journal of Power Sources, 2021, 494, 229707.  | 4.0 | 16        |
| 9  | Modelling waste stabilisation ponds with an extended version of ASM3. Water Science and Technology, 2010, 61, 713-720.  | 1.2 | 13        |
| 10 | Effect of sewage sampling frequency on determination of design parameters for municipal wastewater treatment plants. Water Science and Technology, 2021, 84, 284-292.   | 1.2 | 6         |
| 11 | Evaluation of testing procedures for real-scale sewage pipes. Water Science and Technology, 2021, 84, 810-819.  | 1.2 | 2         |
| 12 | Microspheres as Surrogate Helminth Eggs: A Comparative Labscale Sedimentation Study for Tap- and<br>Wastewater. Water (Switzerland), 2018, 10, 1192.  | 1.2 | 1         |