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Entrapped-cells-based anaerobic forward osmosis membrane bioreactor treating medium-strength domestic wastewater: Fouling characterization and performance evaluation

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|----|--|------|-----------|
| 11 | Forward osmosis membrane processes for wastewater bioremediation: Research needs. <i>Bioresource Technology</i> , 2019 , 290, 121795 | 11 | 23 |
| 10 | Unlocking the application potential of forward osmosis through integrated/hybrid process. <i>Science of the Total Environment</i> , 2020 , 706, 136047 | 10.2 | 25 |
| 9 | Enhancing the water flux and biological treatment in bilateral influent submerged FOMBR via applying the strategy of intermittent discharging salt. <i>Environmental Technology (United Kingdom)</i> , 2021 , 42, 3379-3389 | 2.6 | 2 |
| 8 | Trends and progress in AnMBR for domestic wastewater treatment and their impacts on process efficiency and membrane fouling. <i>Environmental Technology and Innovation</i> , 2021 , 21, 101204 | 7 | 9 |
| 7 | Performance enhancement of a submerged forward osmotic membrane bioreactor by aerobic granules. <i>Separation and Purification Technology</i> , 2021 , 254, 117608 | 8.3 | 3 |
| 6 | Encapsulation technology to improve biological resource recovery: recent advancements and research opportunities. <i>Environmental Science: Water Research and Technology</i> , 2021 , 7, 16-23 | 4.2 | 4 |
| 5 | A comprehensive review of nutrient-energy-water-solute recovery by hybrid osmotic membrane bioreactors. <i>Bioresource Technology</i> , 2021 , 320, 124300 | 11 | 9 |
| 4 | Fouling reduction and recovery during forward osmosis of wastewater using an electroactive CNT composite membrane. <i>Journal of Membrane Science</i> , 2021 , 620, 118803 | 9.6 | 1 |
| 3 | Mitigation of salinity buildup in hybrid flow-electrode capacitive deionization-osmotic membrane bioreactor for sludge anaerobic digestion. <i>Chemical Engineering Journal</i> , 2022 , 435, 134885 | 14.7 | O |
| 2 | Shifts of microbial community structure along substrate concentration gradients in immobilized biomass for nitrogen removal. <i>Npj Clean Water</i> , 2022 , 5, | 11.2 | 0 |
| 1 | HighBaline and longBerm treatability of industrial wastewater by AnOMBR using organic and inorganic draw solutions. 2022 , 10, 108501 | | O |