

RESEARCH NOTES

气升式膜-生物反应器的设计与应用

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摘要 A new type of membrane bioreactor named "airlift membrane-bioreactor" is discussed. For municipal wastewater reclamation, the preliminary study on airlift membrane-bioreactor shows its good performance such as higher flux and lower energy consumption. The airlift membrane-bioreactor is potentially applicable in bioengineering and environmental protection fields.

关键词 [airlift bioreactor](#) [membrane bioreactor](#) [membrane filtration](#) [wastewater treatment](#)

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Preliminary Study on Airlift Membran-Bioreactor

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Abstract A new type of membrane bioreactor named "airlift membrane-bioreactor" is discussed. For municipal wastewater reclamation, the preliminary study on airlift membrane-bioreactor shows its good performance such as higher flux and lower energy consumption. The airlift membrane-bioreactor is potentially applicable in bioengineering and environmental protection fields.

Key words [airlift bioreactor](#); [membrane bioreactor](#); [membrane filtration](#); [wastewater treatment](#)

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