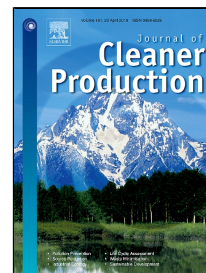


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Performance of Moving Bed Biofilm Reactor Using Effective Microorganisms

Safwat M. Safwat



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## **Performance of Moving Bed Biofilm Reactor Using Effective Microorganisms**

### **Abbreviations**

COD = Chemical oxygen demand

sCOD = Soluble chemical oxygen demand

pCOD = Particulate chemical oxygen demand

TAN = Total ammonia nitrogen

NO<sub>3</sub>-N = Nitrate nitrogen

EM = Effective microorganisms

MBBR = Moving bed biofilm reactor

MBBR-AS = Moving bed biofilm reactor inoculated with activated sludge

MBBR-EM = Moving bed biofilm reactor inoculated with mixture of activated sludge and effective microorganisms

DO = Dissolved oxygen

HRT = Hydraulic retention time

AUR = ammonia uptake rate

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