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Microbial surfactants: fundamentals and applicability in the formulation of nano-sized drug delivery vectors

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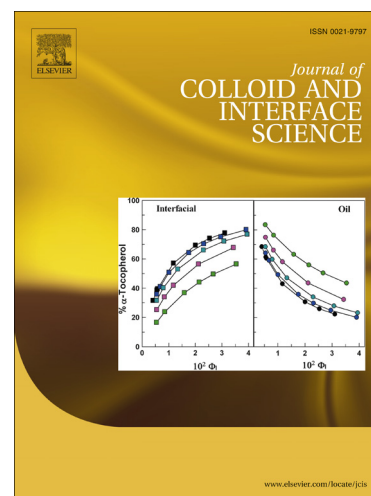
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Highlights

- Microbial surfactants are amphipatic molecules with a great diversity of structures
- These molecules exhibit surface activity at interfaces, are able to self-assemble and emulsify
- They present high biodegradability, low toxicity and specific biological activities
- Nano-sized drug delivery vectors are powerful tools for targeted treatments
- Microbial surfactants are a promising alternative in the formulation of microemulsions and synthesis of nanoparticles

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