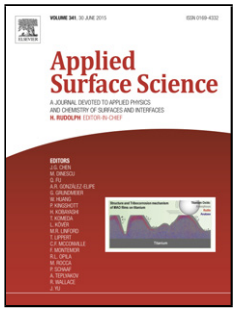

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Antibacterial surface modified of novel nanocomposite sulfonated polyethersulfone/polyrhodanine membrane

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Highlights

- Fabrication of a novel composite membrane with In-situ polymerization
- Performance study of sulfonated polyethersulfone/polyrhodanine membrane comparing with neat one
- Assessment of antibacterial property with various methods
- Effect of rhodanine segment in the membrane scaffold on the hydrophilicity and antibiofouling

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