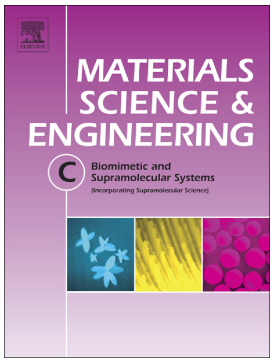

Surface characteristics and antimicrobial properties of modified catheter surfaces by polypyrogallol and metal ions

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