

Biomedical Inorganic Polymers By Werner E G M Ller

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1. Introduction. Marine biofouling originates from the adhesion of marine organisms on any solid surface submerged in sea water (Bloecher and Floerl, 2020; Fu et al., 2018; Kirschner and Brennan, 2012; Nir and Rechtes, 2016; Xie et al., 2019). Biofouling has attracted increasing attention, as it has imposed profound influences on the maritime-related activities of human beings (Huang et al ...

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Similarly, synthetic polymers can be exploited in the form of nanoshells (or nanocapsules), in which hydrophobic polymers comprise an outer shell that surrounds an inner water-based portion that contains hydrophilic growth factors [89, 133]. Depending on the polymer composition and outer shell thickness, the release profile of growth factors ...

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