Micro-module environmental system

Intensified conditioning of personal micro-environments is reviewed. Different systems are evaluated and useful findings are summarized. Feasible applications, current gaps as well as future ...

In a world confronting pollution across diverse environments, fast, sensitive and cost-efficient methods are required to monitor complex chemicals. In particular, microbial bioelectronic ...

Bronfenbrenner divided the environment into five systems: microsystem, mesosystem, exosystem, macrosystem, and chronosystem. The microsystem is the most influential level, encompassing the...

ial environmental control and life support systems (mECLSS) are integrated in new 110 symbiotic ways in a space habitat. The goal of this paper is to provide technical background on the importance of 111 ...

Bronfenbrenner"s ecological systems theory explains that an individual"s development is shaped by interconnected environmental systems, from immediate surroundings like family to ...

A small-scale environmental remediation system utilizing MNMs should include a dedicated tank with an inlet for polluted water, an outlet for clean water, and sensors to monitor water ...

Micro/nanorobots (MNRs) are untethered, small-scale devices designed to perform complex tasks in challenging and inaccessible environments, with promising biomedicine and ...

This article reviews recent progress in multi-module MNRs, emphasizing their application in biomedicine, including targeted drug delivery, tissue repair, and diagnosis, as well as in ...

Micro/nanorobots (MNRs) are untethered, small-scale devices designed to perform complex tasks in challenging and inaccessible environments, ...

The microsystem is the innermost level, composed of an individual"s immediate environment. Examples include the people the person interacts with daily, including their family ...

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