Tri-ring hollow fiber

Hollow fiber membranes feature a very high packing density because of the small strand diameter. Because of the flexibility of the strands, certain filter configurations are possible that cannot be ...

Compared to solid-core optical fibers, HCFs exhibit ultra-low nonlinearity, high damage threshold, low latency and temperature insensitivity, making them ideal candidates for high-speed data ...

Hollow fibers have attracted more and more attention due to their broad range of applications in numerous fields. We review the latest advance and summarize the fabrication methods, types and ...

In this paper, we provide a practical and simple structure of HC-ARF with nested supporting rings (NSRs) and its design method, which has nested rings to be the supporting structure of HC-ARFs...

Based on the fiber formation mechanism, a combination of cellulose acetate and other appropriate polymers were applied to generate helical groove/hollow nanofibers using a designed tri ...

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Tri-bore hollow fiber membranes with triangle-shape outer geometry have been fabricated. The micro-morphology, mechanical strength, pore size distribution and ultra-filtration ...

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