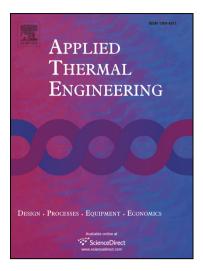
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Optimization of heat transfer enhancement and pumping power of a heat exchanger tube using gradient and multi-layered porous foams

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