



Research and Application in Low-Dimensional Bionanomaterials

Guest Editor:

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Message from the Guest Editor

Significant research attempts on nanofluids are being made in recent years owing to extraordinary thermodynamic properties. Nanofluids can be used to cool vehicle generators, air conditioners, high-flux equipment, washing machines, high-power microwave ovens, heavy-duty laser diode arrays, and a variety of welding devices. In addition, major developments in nanotechnology have opened the potential of using magnetized nanoparticles to treat brain tumors, pharmacological therapies, artificial heart surgery, artificial lungs, cancer therapy, etc. Advanced nanotechnology has proposed several helpful methods targeted at the interaction of nano-materials to raise fossil fuel use and alleviate environmental crises. The basic concept of these nano-materials with improved thermophysical characteristics, which was eventually expanded through several researchers. Nanoliquid has the greatest thermal conductivity associated with the basis liquid. In the fields of industrial and engineering including the electronic cooling machines, nano-materials have a high potential for increasing heat transformation characteristics.





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Message from the Editor-in-Chief

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