

## عنوان مقاله:

Effect of using nanofluids on the exergetic conditions of different types of heat exchangers: Review

## محل انتشار:

پنجمین کنگره بین المللی مهندسی برق، کامپیوتر و مکانیک (سال: 1399)

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## خلاصه مقاله:

Heat exchangers are thermal systems used extensively, have a major role in energy conservation, and prevent global warming. This paper is based on reviews of scientific work and provides a state-of-the-art review of the second law of thermodynamic analysis of heat exchangers. This research presents the effect of using nanofluids on the operating conditions of different types of heat exchangers from the second law of thermodynamic point of view. In this research, the nanofluids' effect on the exergy efficiency, entropy generation, and Irreversibilities of the heat exchangers is presented.

## کلمات کلیدی:

Nanofluids, Heat Exchanger, Second Law of Thermodynamic, Exergy Analysis

## لینک ثابت مقاله در پایگاه سیویلیکا:

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