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Author: Bidyut Baran Saha, Ibrahim I. El-Sharkawy, Muhammad Wakil Shahzad, Kyaw Thu, Li Ang, Kim Choon Ng

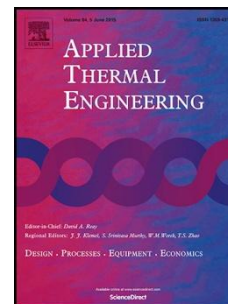
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Fundamental and application aspects of adsorption cooling and desalination

Bidyut Baran Saha^{1,2,*}, Ibrahim I. El-Sharkawy^{2,3}, Muhammad Wakil Shahzad⁴, Kyaw Thu⁵, Li Ang⁵ and Kim Choon Ng⁴

¹Kyushu University Program for Leading Graduate School, Green Asia Education Center,
Kasuga-koen 6-1, Kasuga-shi, Fukuoka 816-8580, Japan

²International Institute for Carbon-Neutral Energy Research (WPI-I2CNER), Kyushu University,
744 Motoooka, Nishi-ku, Fukuoka 819-0395, Japan

³Mechanical Power Engineering Department, Faculty of Engineering
Mansoura University, El-Mansoura 35516, Egypt

⁴King Abdullah University of Science & Technology, Water Desalination & Reuse Center
(WDRC), Thuwal, Saudi Arabia.

⁵Department of Mechanical Engineering, National University of Singapore, Singapore,

* Author to whom correspondence should be addressed, Tel: +81-92-583-7903, Fax: +81-92-583-8909,

E-mail: saha.baran.bidyut.213@m.kyushu-u.ac.jp

Highlights

- Adsorption characteristics of various adsorbent-refrigerant pairs have been investigated.
- Adsorption cycle for sea water desalination has been introduced.
- Introduced the performance of hybridized adsorption and thermally driven cycle.
- Presented the costing of desalination methods by energetic and exergetic approaches.

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