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Recent Advances in Solar Thermal Energy

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Message from the Guest Editor

The journal Solar (ISSN: 2673-9941) is announcing a Special Issue entitled “Recent Advances in Solar Thermal Energy.” Solar energy is the cleanest and most abundant renewable energy source available. Photovoltaics (PV) are the most widely deployed solar electricity technology. Solar thermal technologies present their own advantages when paired with an inexpensive storage system and/or applying such technologies directly on various operations. The dominant end-use energy type, industrial and/or residential heating and cooling, presents tremendous solar thermal research opportunities for advancement of the energy intensive technologies that have become ubiquitous for modern life. This Special Issue of Solar on “Recent Advances in Solar Thermal Energy” aims to capture the latest research in the field of concentrated solar power (CSP) plants, hybrid CSP/PV systems, solar carbon dioxide (CO₂) conversion, solar thermal desalination, solar water heating, solar cooking systems, solar industrial process heat, solar disinfection, solar thermal agriculture, etc.



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Special Issue