Message from the Guest Editor

Dear Colleagues,

The research on thin film CdTe photovoltaic solar cells has been re-gaining momentum in recent years, due to commercial advances made with regard to CdTe technology. CdTe solar panels are now at parity with polycrystalline silicon for performance and cost. The recent work in this area appears to focus on increasing absorber carrier density and lifetime, engineering of the material bandgaps for the enhanced light capture and optimization of the oxide/telluride buffer layers for the front/back surface of the CdTe device.

This Special Issue aims to serve an improved understanding of the key issues with the state-of-the art CdTe solar cells to enable further advancement of R&D of the CdTe photovoltaic technology. Not only experimental reports on the CdTe device performance and scaling-up but also theoretical papers, particularly on band-alignment and doping issues, are warmly welcome.
Editor-in-Chief

Prof. Dr. Maryam Tabrizian
Professor of Biomedical Engineering, Professor of Bioengineering, Professor of Experimental Surgery, Associate Dean—Research and Graduate Studies, Department of Biomedical Engineering, Faculty of Medicine/Faculty of Dentistry, Duff Medical Science Building, Room 313, 3775 University Street, Montreal, QC, H3A 2B4, Canada

Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers fourteen comprehensive topics: Biomaterials; Energy Materials; Composites; Structure Analysis; Porous Materials; Manufacturing Processes; Advanced Nanomaterials; Smart Materials; Thin Films; Catalytic Materials; Carbon Materials; Materials Chemistry; Materials Physics; Optics and Photonics; Corrosion; Building Materials. The distinguished and dedicated editorial board and our strict peer-review process ensure the highest degree of scientific rigor and review of all published articles.

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CiteScore (2018 Scopus data): 3.26, which equals rank 97/439 (Q1) in 'General Materials Science'.

Contact Us

Materials
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland
Tel: +41 61 683 77 34
Fax: +41 61 302 89 18
www.mdpi.com
mdpi.com/journal/materials
materials@mdpi.com
@Materials_Mdpi