Special Issue

Thin Film Transistor

Message from the Guest Editor

Recently, new wide-band energy gap semiconductors can be grown by ALD, PLD, sputtering or MOCVD. They have a high potential to fabricate and apply to TFT. The inorganic semiconductors have good stability against environmental degradation over Organic counter parts whereas organic materials are usually flexible, transparent, and solution-processed at low temperatures, they are prone to degradation, when exposed to heat, moisture, and oxygen. We invite researchers to submit papers that discuss the development of new functional and smart materials inorganic, as well as organic, semiconductor materials such as, ZnO, InZnO, GaO, AlGaO, AnGaO, AlN/GaN, conducting polymers, molecular semiconductors, perovskite based materials, carbon nanotubes, carbon naotubes/polymer composites and 2D materials (for example, grapheme, MoS2), etc., in potential applications for display drivers, radio frequency identification tags, e-paper, gas, chemical and biosensors, etc.

Guest Editor

Prof. Dr. Ray-Hua Horng
Institute of Electronics, National Yang Ming Chiao Tung University, Hsinchu 30010, Taiwan

Deadline for manuscript submissions

closed (28 February 2019)

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Crystals
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
crystals@mdpi.com

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Message from the Editor-in-Chief

Welcome to *Crystals*, the journal dedicated to the fascinating world of crystallographic research! Crystals are more than mere decorative elements; they hold the key to understanding the fundamental structure of matter. Our mission is to explore the crucial significance of this research across various fields. From medicine to technology, chemistry to geology, crystals play a vital role. Their structure provides insights into new advanced materials, innovative drugs, and groundbreaking technologies. Through *Crystals*, we delve into the microscopic world to discover solutions that will shape the future. Join us on a journey through the *Crystals*, where science merges with beauty and innovation.

Editor-in-Chief

Prof. Dr. Alessandra Toncelli
Department of Physics, University of Pisa, 56126 Pisa, PI, Italy

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