Special Issue

Inkjet-Printed Thin Film Devices

Message from the Guest Editor

As the demands for wearable or implantable devices/systems increase, new solutions in terms of suitable materials and processes are highly desirable. In particular, future electronics may need to be free from rigid substrates fabricated through a series of subtractive processes, such as traditional evaporation processes with masks or photolithography followed by etching. The aim of this Special Issue is to present advanced printable materials as well as the state-of-the-art of inkjet-printed thin film devices and solution-processed flexible electronics that combine these fundamental and applied research topics. These include, but are not limited to:

- Inkjet-printed organic/inorganic thin-film transistors
- Inkjet-printed light-emitting devices
- Inkjet-printed sensors
- Inkjet-printed bioelectronic devices
- Inkjet-printable materials
- Other advanced printing techniques
- A wide range of printed electronics
- Flexible/stretchable platforms suitable to printing process

Guest Editor

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About the Journal

Message from the Editorial Board

Now more than ever, research is asked to deliver knowledge and technologies to solve the major challenges faced by our society. The development of new materials and devices for (without the ambition to be exhaustive) energy, health and food technology, together with the need for establishing processes that reduce the impact on critical resources and the environment, is indeed in the spotlight of most contemporary research. Surface science and engineering play a key role in this regard, with an incredible potential in delivering new and deep scientific understanding and technical solutions essential to solve most of the major societal challenges.
Coatings is a well-established, peerreviewed, online journal dedicated to the vibrant field of surface science and engineering. Coatings publishes original research articles that report cutting-edge results and review papers that make the point on the hottest research topics.

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