



## Functional Oxide Based Thin-Film Materials (Volume II)

Guest Editor:

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Deadline for manuscript  
submissions:

**closed (28 February 2021)**

### Message from the Guest Editor

We invite investigators to submit papers which discuss the development of functional-oxide-based thin-film materials, including thin-film, nanostructured, and multilayered forms. Mixing oxide-based alloys with other materials could allow for the possible fabrication of advanced devices. Furthermore, the diluted magnetic crystals and combination with two-dimensional materials are welcomed. The potential topics include but again are not limited to:

- Growth of functional-oxide-based thin films or nanostructures, including the modeling of crystal growth or reaction mechanisms;
- Property characterization (optic, electric, piezoelectric, ferromagnetic properties, etc.) and their relationships to external conditions, such as electric field, photo pumping, current injection, gas environment, stress, temperature, etc.;
- Advances in device development based on functional oxide materials using thin films or nanostructures;
- Microstructure analysis and micro–macro correlation of the observed properties and their modeling.





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## Editor-in-Chief

### **Prof. Dr. Alessandra Toncelli**

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## Message from the Editor-in-Chief

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