

## Special Issue

# Graphene and 2D Materials for Flexible Electronics

### Message from the Guest Editor

It is expected that flexible electronics in the near future will take a significant place in our daily life, in the fields of health care, computation and memory, gadgets, touch screens and displays, energy storage and generation, electronic textile, human activities, and more. Two-dimensional layered crystals are believed to be the most promising candidates for flexible electronics applications, owing to their well-known features including the ultimate thickness scalability down to atomic thin, high flexibility and intrinsic strain limit. But the investigation of mechanical properties of 2D materials, its derivatives and composites remain incomplete or for some materials they are simply unknown. In the present Issue, we hope to discuss the new results of the mechanical properties of 2D materials. The planned Issue welcomes the studies of new 2D materials, structures, and devices.

It is my pleasure to invite you to submit a manuscript for this Special Issue. Full papers, communications, and reviews are all welcome.

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### Guest Editor

Prof. Dr. Irina V. Antonova

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### Deadline for manuscript submissions

closed (31 August 2020)



## Materials

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### Message from the Editor-in-Chief

*Materials* (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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### Editor-in-Chief

Prof. Dr. Maryam Tabrizian

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