Special Issue

Advances in the Design and Application of Nanostructured Electronic Materials

Message from the Guest Editors

Dear colleagues, This Special Issue aims to survey the state-of-the-art in different aspects of nanostructured electronic materials, including electronic effects, in many different nanoelectronic systems. It is open to original research and review papers from a range of areas, such as nanoelectronic and photonic nanostructures, metamaterials, metasurfaces, plasmonic, and advances in the nanoscale control of electronic fields, to strongly enhance the interaction of electronics and photons with quantum emitters. It is also open to novel materials and novel effects, including electronics at low intensity. In addition, this Special Issue welcomes manuscripts on the applications of electric conduction, superconduction, piezoelectric, ferroelectric, insulation, and dielectric materials, devices, and systems.

Guest Editors

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Deadline for manuscript submissions

closed (30 November 2021)



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As the premier open access journal dedicated to molecular chemistry, now in its 29th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts, and novel materials. Pushing the boundaries of the discipline, we invite papers on all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

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