

Special Issue

Light-Emitting Silicon Nanostructures

Message from the Guest Editor

It is my honour to invite researchers to submit their papers covering this open and rapidly evolving field of light-emitting silicon nanostructures to this Special Issue. The potential topics include, but are not limited to, the following:

- Fabrication of light-emitting silicon nanostructures including surface-termination or encapsulation techniques
- Photophysical properties and their correlation with structure and surface chemistry
- Doping and emission tuning
- Theoretical modelling of silicon nanostructures and their light emission
- Advanced optical as well as structural characterization
- Toxicity, biodistribution and excretion of silicon nanostructures
- Engineering silicon nanostructures towards a specific application, ranging from photovoltaics to cellular imaging

Guest Editor

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Deadline for manuscript submissions

closed (1 February 2020)



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About the Journal

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
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