



## Light-Emitting Silicon Nanostructures

Guest Editor:

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Deadline for manuscript  
submissions:

**closed (1 February 2020)**

### 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





# crystals



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## Editor-in-Chief

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## Message from the Editor-in-Chief

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