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## Anodized Nanoporous Materials: Porous Silicon, Nanoporous Alumina, and Titania Nanotube Arrays

Guest Editor:

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Deadline for manuscript submissions:

**closed (30 June 2019)**

### Message from the Guest Editor

The aim of this Special Issue will be to cover the recent advances in both the fundamental and applied research in the field of anodized nanoporous materials.

Potential topics include, but are not limited to, the following:

1. Development of novel anodized nanoporous materials.
2. Development of nanoporous materials based optical, photonic, and electrochemical sensors.
3. Development of nanoporous materials based drug delivery systems for systemic and localized delivery.
4. Interaction of nanoporous materials with biological systems like cells, proteins, nucleotides, etc.
5. Development of nanoporous materials based corrosion protection and anti-biofouling systems.
6. Development of nanoporous membranes based molecular separation and desalination systems.

### Keywords

- electrochemical anodization
- porous silicon
- nanoporous alumina
- titania nanotube arrays



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## Message from the Editor-in-Chief

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