

Science of Advanced Materials

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A Special Issue on

"Nanowires"

CALL FOR PAPERS

Nanowires has been the focus of recent scientific research because of structure-related physical and chemical properties and wide potential applications in nanoscale devices with diverse functions. Their interesting electronic, optical, and magnetic properties have led to a wide range of applications in nanoelectronics, optoelectronics, medical diagnostics, catalysis, drug delivery, chemical sensing and many others.

This special issue is focused entirely on all topics related to nanowires. We will accept both experimental and theoretical works.

We invite submission of original research articles/communications and comprehensive review papers to this special issue on the following related topics:

- Synthesis and detailed characterizations of 1D nanostructures
- Nanofabrication and processing of nanowires
- Structure analysis at atomic, molecular, and nanometer range
- Applications in LEDs, displays, solar cells, batteries, photocatalysts, etc.
- Electronic and optoelectronic devices based on nanowires
- All other topics related to nanowires

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Manuscript Submission:

Manuscripts must be prepared according to Journal's guidelines, available at [http:// www.aspbs.com/sam](http://www.aspbs.com/sam).

Submit your manuscripts directly to

Prof. Guozhen Shen, via guozhens@gmail.com

Please notify well in advance for your intention to submit a research paper.

Key timetable dates:

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