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*applied sciences*

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IMPACT  
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Section  
Nanotechnology &  
Applied Nanosciences



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## About the Section “Nanotechnology & Applied Nanosciences”

This section is intended for accounts of works pertaining to nanotechnology or to nanosciences oriented towards applications. More specifically, papers dealing with the production, manipulation or assembly of nanostructures, the construction or characterization of nano-architectures, the design of nanoscale devices, the use of nanoparticles or nanostructures to improve macroscopic properties of materials and systems ... are welcome. By contrast, works focusing on toxicity of nanomaterials, nanobiological research involving living cells, viruses, bacteria ... and works involving bio-ethical issues should be addressed to more specialized journals.

**19 days** First Decision after Submission in 2017

**48 days** Median Article Processing Time in 2017

**1.679** Impact Factor in Journal Citation Report 2016

**1.913** Five Year Impact Factor in Journal Citation Report 2016

**100,000+** 2017 Full-Text Views per Month

## NANOTECHNOLOGY

Molecular engineering  
Nanotools  
Nanofabrication  
Nanostructuration  
Nanomechanics (oscillators,  
actuators ...)  
Nanoelectromechanical systems  
Nanoelectronic devices (gates,  
switch,transistors ...)  
Nanosensors  
Nanoplasmonics

## NANOSCIENCES

Quantum-size effects (electronic,  
magnetic, plasmonic ...)  
Computer simulation  
Nanomaterial synthesis & production  
Nanostructure properties  
Nanostructure characterization  
Nanostructure manipulation  
Nanoprobes and instruments

## MATERIALS SCIENCES

Nanocomposites  
Nanoemulsions  
Catalysts  
Self-assembled structures  
Nanoporous materials  
Nanofoams  
Biomaterials  
Drug delivery vectors

## REGULATION & NORMALIZATION

Standards  
Quality control  
Environmental issues  
Rules

## NANOSTRUCTURES

Atomic clusters  
Nanoparticles  
Quantum dots  
Nanowires and nanorods  
Nanotubes  
Nanofibers  
Two-dimensional materials  
Nanoplatelets  
Nanospheres

# SECTION

## Nanotechnology & Applied Nanosciences

Electronics and computing  
Energy  
Optics  
Metallurgy  
Filters  
Food packaging  
Medicine

## APPLICATIONS