# Nanoscale Advances

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## IN THIS ISSUE

ISSN 2516-0230 CODEN NAADAI 6(3) 735–1026 (2024)


**Cover**
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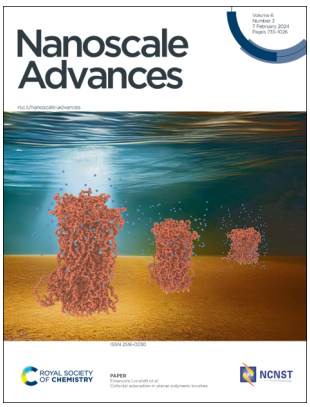


**Inside cover**
See Emanuele Locatelli *et al.*, pp. 816–825. Image reproduced by permission of Clemens Franz Vorsmann (University of Padova) from *Nanoscale Adv.*, 2024, **6**, 816.

## EDITORIAL



## REVIEW



ROYAL SOCIETY OF CHEMISTRY

# Fuelling your energy research


## Energy & Environmental Science

Agenda-setting research in energy science and technology

**Chair of the Editorial Board**

Jenny Nelson, Imperial College London, UK

Impact factor 2021: 39.714, median time to first decision (peer reviewed articles only): 46 days*.

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## EES Catalysis

Exceptional research on energy and environmental catalysis

**Editor-in-Chief**

Shizhang Qiao, University of Adelaide, Australia

Median time to first decision (peer reviewed articles only): 24 days*.

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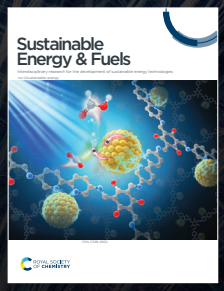


## Sustainable Energy & Fuels

Driving the development of sustainable energy technologies through cutting edge research

**Editor-in-Chief**

Garry Rumbles, National Renewable Energy Laboratory and University of Colorado Boulder, USA

Impact factor 2021: 6.813, median time to first decision (peer reviewed articles only): 28 days*.

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## Energy Advances

Embracing research at the nexus of energy science and sustainability

**Editor-in-Chief**

Volker Presser, Leibniz Institute for New Materials, Germany

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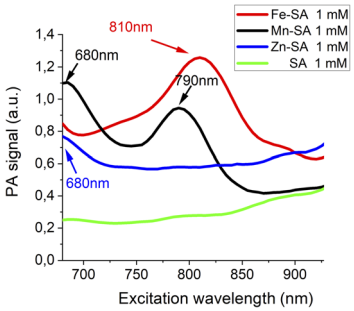




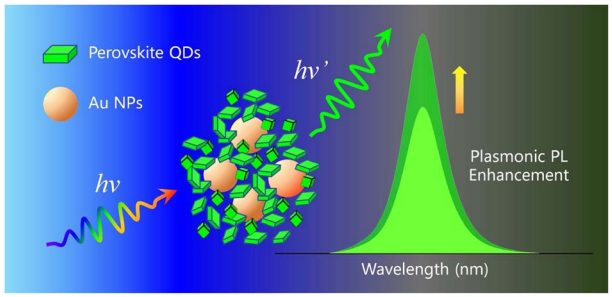




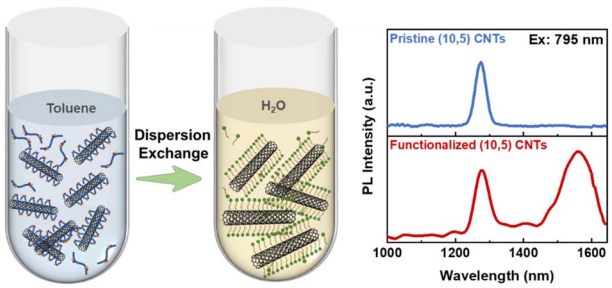


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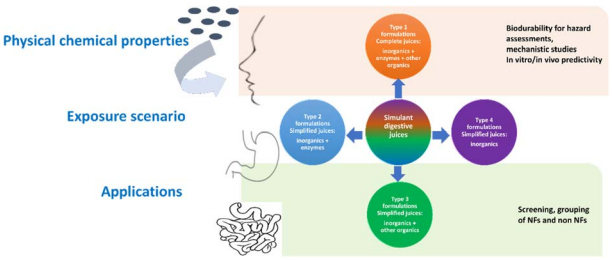

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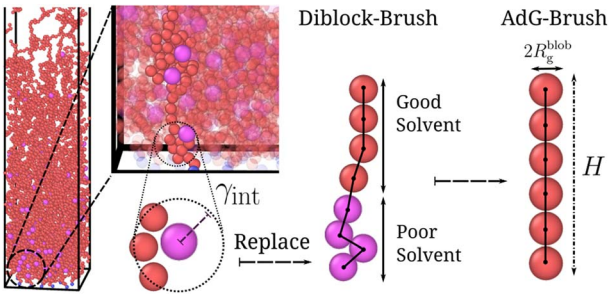


## Colloidal adsorption in planar polymeric brushes

Clemens Franz Vorsmann, Sara Del Galdo, Barbara Capone and Emanuele Locatelli*

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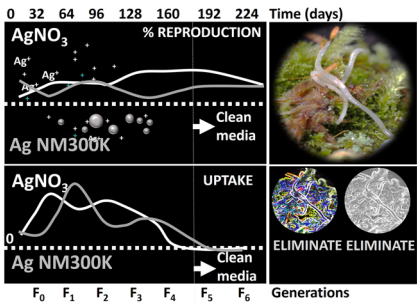


## Multigenerational exposure of Ag materials (nano and salt) in soil – environmental hazards in *Enchytraeus crypticus* (Oligochaeta)

Fátima C. F. Santos, Rudo A. Verweij, Amadeu M. V. M. Soares, Janeck J. Scott-Fordsmand, Cornelis A. M. van Gestel and Mónica J. B. Amorim*

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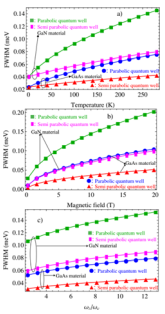

## Comparison of electron scattering by acoustic-phonons in two types of quantum wells with GaAs and GaN materials

Tran Cong Phong, Le Ngoc Minh and Nguyen Dinh Hien*

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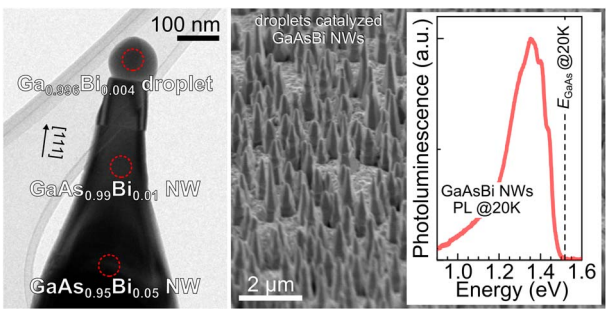


## High verticality vapor–liquid–solid growth of $GaAs_{0.99}Bi_{0.01}$ nanowires using Ga–Bi assisted catalytic droplets

Chalermchai Himwas,* Visittapong Yordsri, Chanchana Thanachayanont, Saharat Chomdech, Wenich Pumee, Somsak Panyakeow and Songphol Kanjanachuchai

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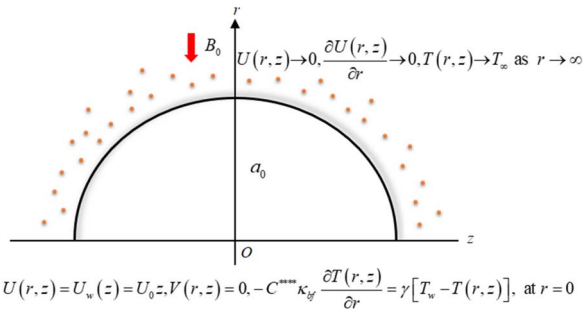




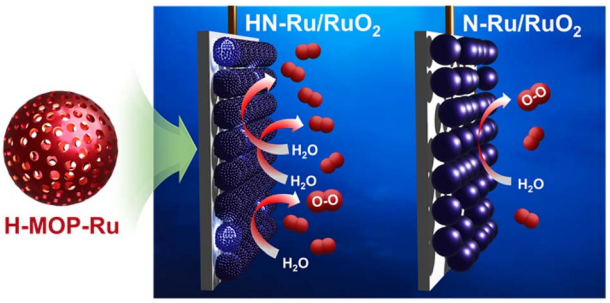




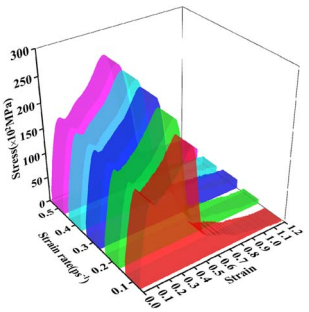




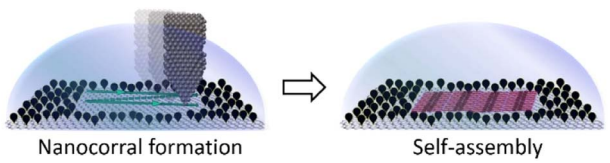

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