

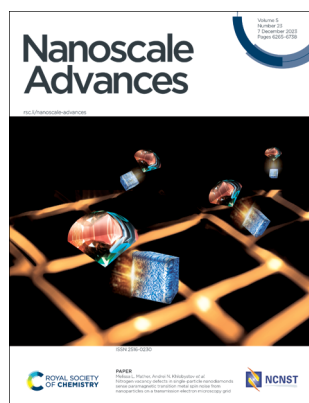
# Nanoscale Advances

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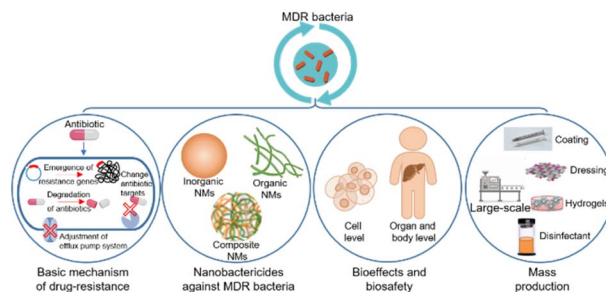
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See Melissa L. Mather, Andrei N. Khlobystov *et al.*, pp. 6423–6434. Image reproduced by permission of Melissa Mather from *Nanoscale Adv.*, 2023, 5, 6423.

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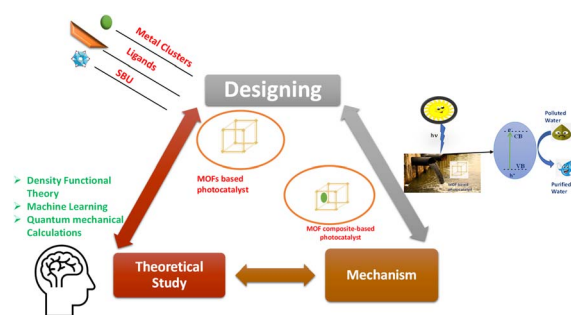
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M. Shahnawaz Khan, Yixiang Li, Dong-Sheng Li, Jianbei Qiu, Xuhui Xu and Hui Ying Yang\*



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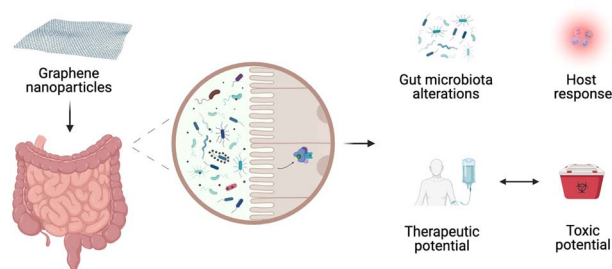


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**The gut microbiome meets nanomaterials: exposure and interplay with graphene nanoparticles**

Olga Wojciechowska, Adele Costabile and Matgorzata Kujawska\*

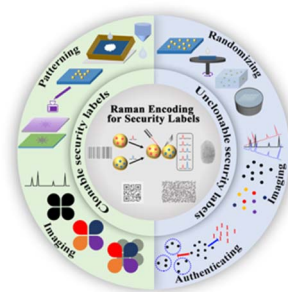


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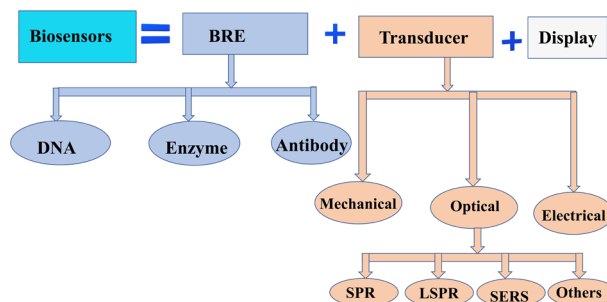
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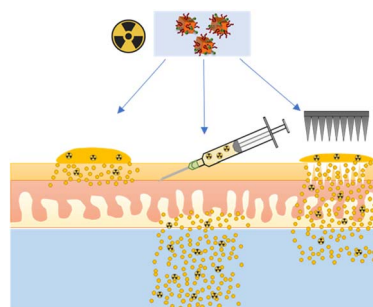


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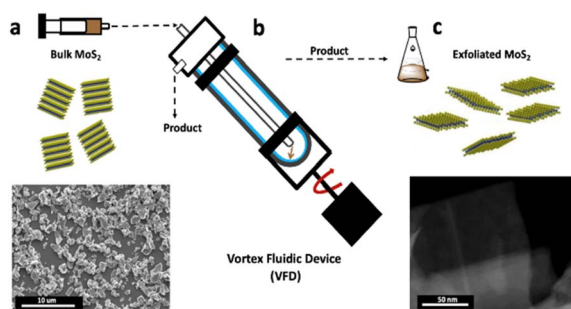
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Sam Morris, Mark Long, Alison Savage, Andrew Owen, Steve Rannard and Helen Caulbeck\*



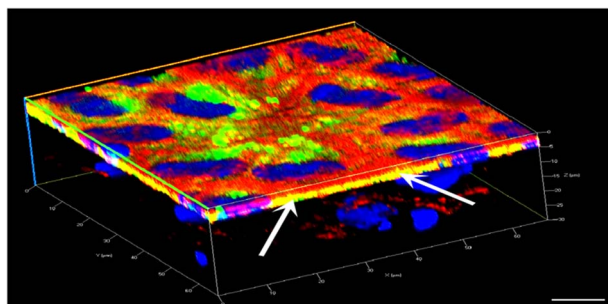
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Thaar M. D. Alharbi and Colin L. Raston\*

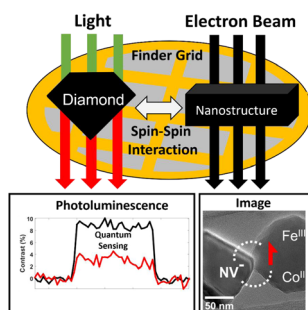
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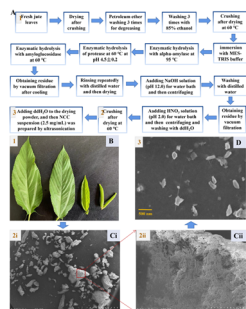
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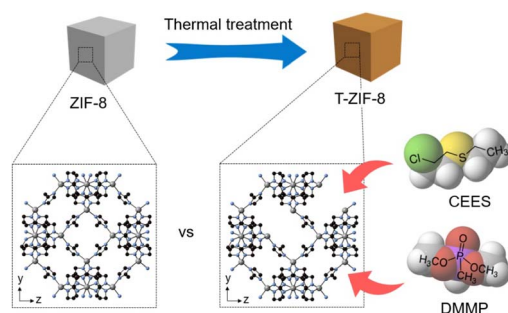
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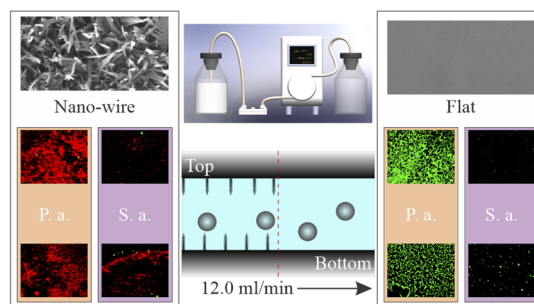
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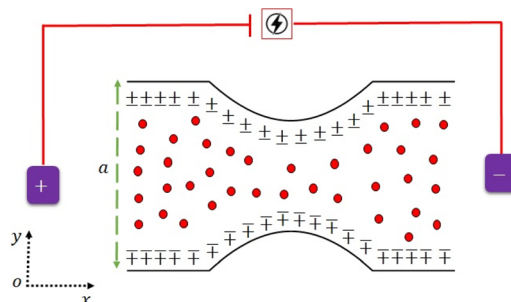
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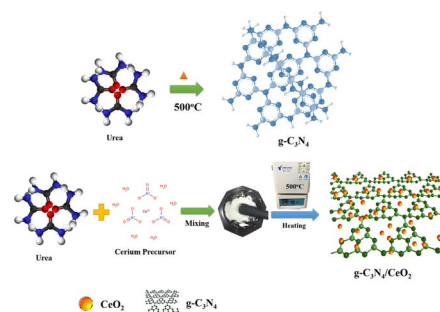
Mubbashar Nazeer, M. Ijaz Khan,\* Sherzod Abdullaev, Fuad A. Awwad and Emad A. A. Ismail



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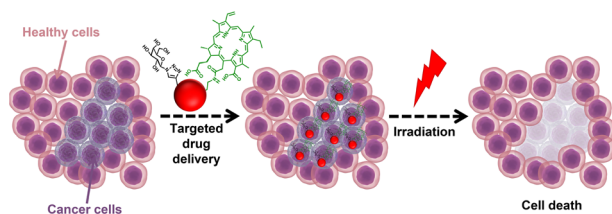
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Ramaraghavulu Rajavaram, S. V. Prabhakar Vattikuti,\* Jaesool Shim,\* Xinghui Liu, Nguyen To Hoai\* and Nam Nguyen Dang





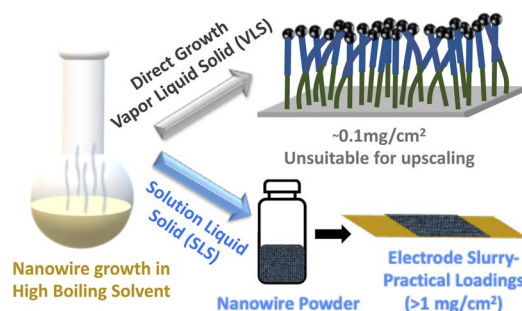
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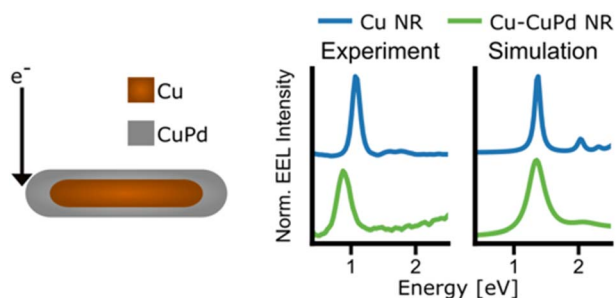
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Temilade Esther Adegoke, Syed Abdul Ahad, Ursel Bangert, Hugh Geaney\* and Kevin M. Ryan\*

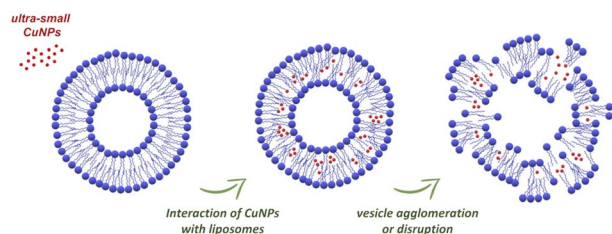
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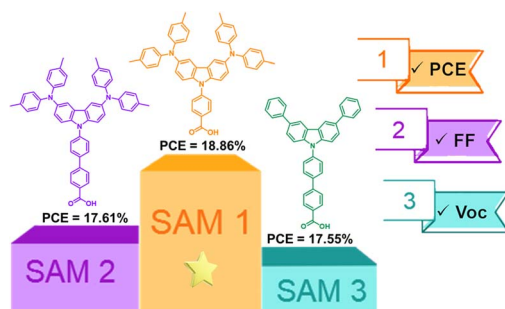
Margherita Izzi, Miquel Oliver, Helena Mateos, Gerardo Palazzo, Nicola Cioffi\* and Manuel Miró\*



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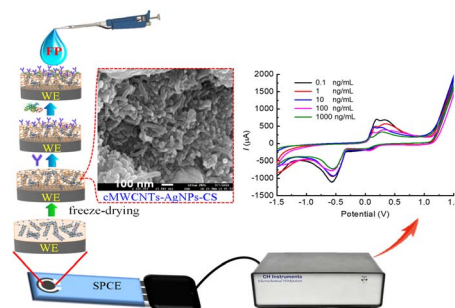
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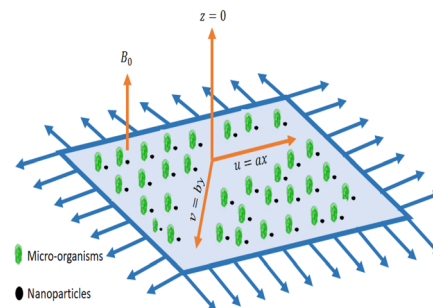
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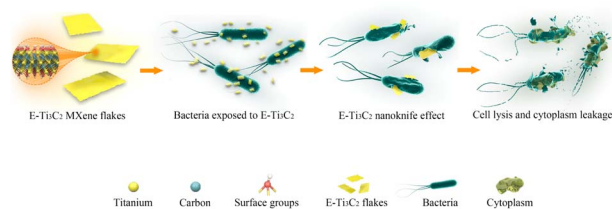
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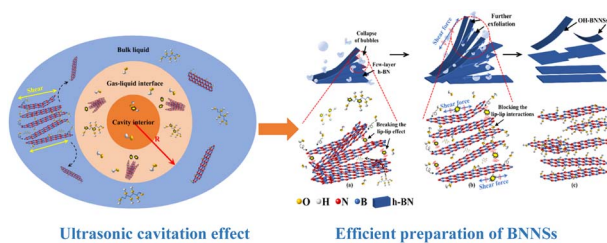
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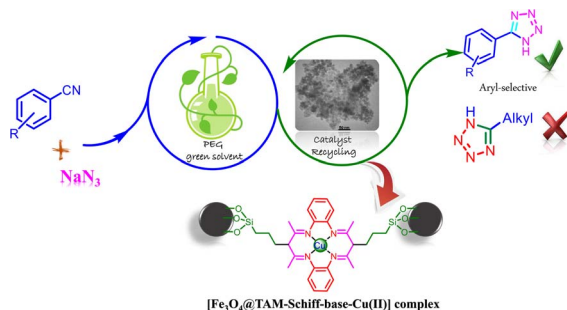
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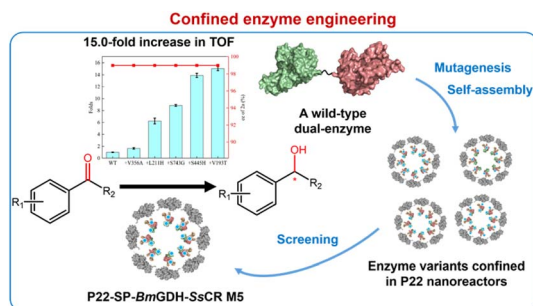
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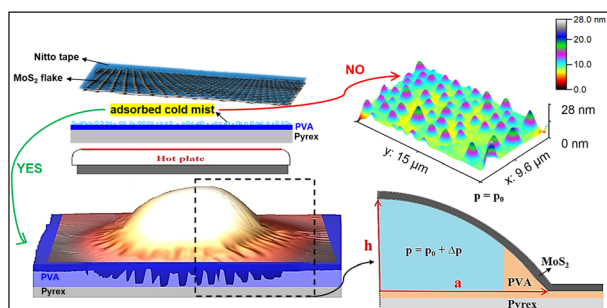
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Taotao Feng, Jiaxu Liu, Xiaoyan Zhang, Daidi Fan and Yunpeng Bai\*

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Mukesh Pandey, Rajeev Ahuja\* and Rakesh Kumar\*

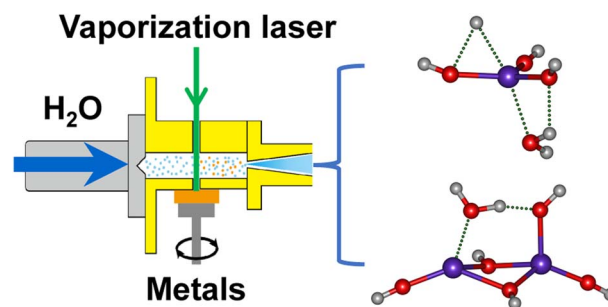




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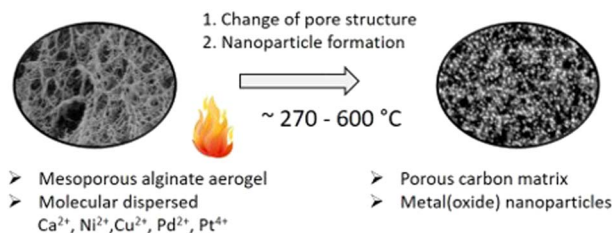
Tiantong Wang, Shangdong Li, Wenhui Yan, Shuai Jiang, Hua Xie, Gang Li\* and Ling Jiang\*



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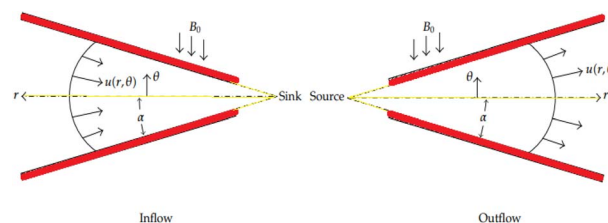
Juan I. del Río, Laura Juhász, József Kalmár, Zoltán Erdélyi, María D. Bermejo, Ángel Martín, Irina Smirnova, Pavel Gurikov and Baldur Schroeter\*



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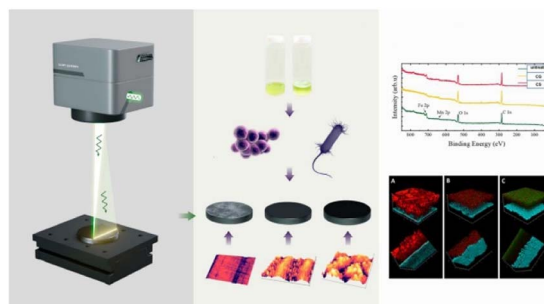
Shilpa B., Pudhari Srilatha, Umair Khan,\* Naveen Kumar R., Samia Ben Ahmed and Raman Kumar



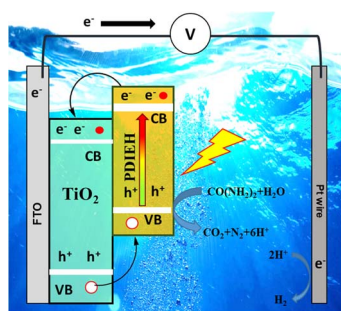
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Iaroslav Gnilitzkiy,\* Svitlana Rymar, Olga Iungin, Olexiy Vyshnevskyy, Pietro Parisse, Geert Potters, Anatoly V. Zayats\* and Olena Moshynets\*



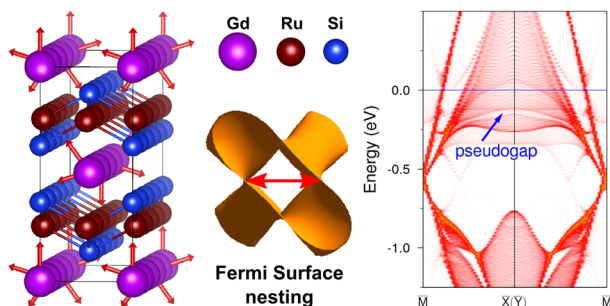
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Jasmine Bezboruah, Devendra Mayurdhwaj Sanke, Ajay Vinayakrao Munde, Palak Trilochand Bhattad, Himadri Shekhar Karmakar and Sanjio S. Zade\*

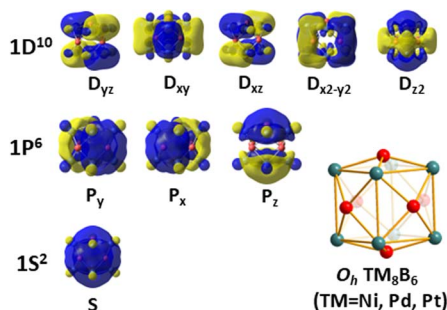
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### Insight into the electronic structure of the centrosymmetric skyrmion magnet GdRu<sub>2</sub>Si<sub>2</sub>

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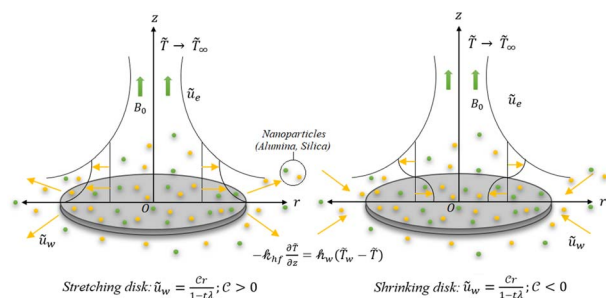
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Mei-Zhen Ao, Yuan-Yuan Ma, Yue-Wen Mu\* and Si-Dian Li\*

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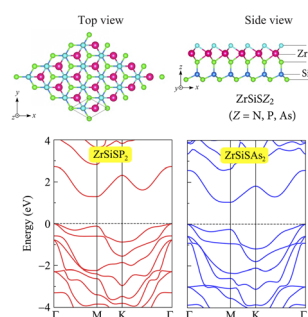
Mahnour Sarfraz, Muhammad Yasir\* and Masood Khan



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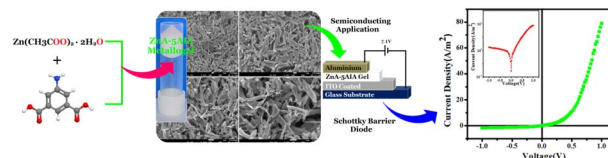
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### A 5-aminoisophthalic acid low molecular weight gelator based novel semiconducting supramolecular Zn(II)-metallogel: unlocking an efficient Schottky barrier diode for microelectronics

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### Assessing the impact of ultra-thin diamond nanothreads on the glass transition temperature of a bituminous binder

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