

# RSC Sustainability

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### Cover

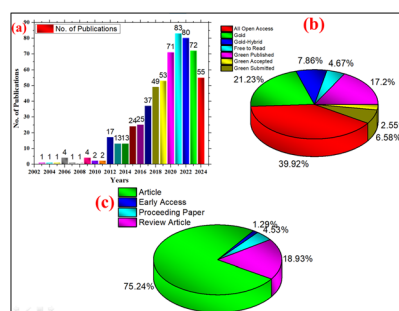
See Carmine D'Agostino *et al.*, pp. 2605–2618. Image reproduced by permission of Yash Bansod, Carmine D'Agostino from *RSC Sustainability*, 2025, 3, 2605. Image created with Google Gemini.

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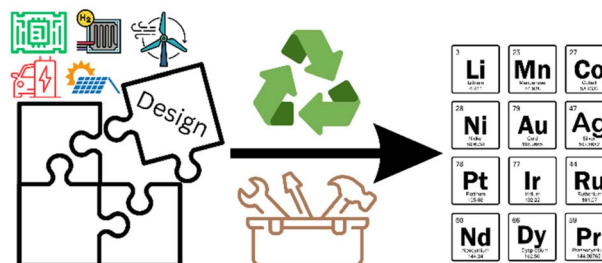
Peeyush Phogat, Sushil Kumar and Meher Wan\*



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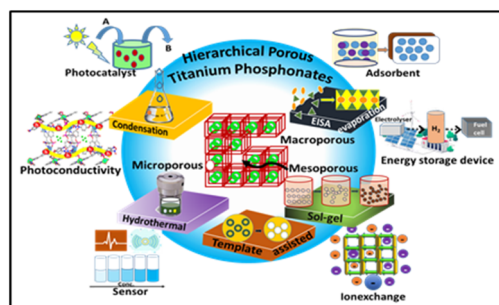
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Abdul Kalam Azad, Nedal Y. Abu-Thabit\* and Mahmoud H. Abu Elella



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**Unlocking renewable energy materials in Nigeria: availability, application, and roadmap for sustainability**

Ekele Dinneya-Onuoha\*

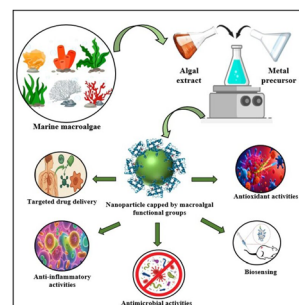


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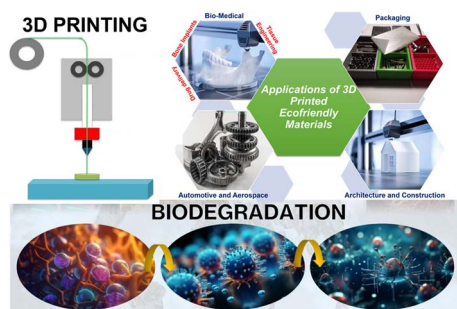
**Phyto-synthesized inorganic nanoparticles and their biomedical applications**

Nishmitha Ramaraj, Gobika Thiripuranathar, Sagarika Ekanayake,\* Keerthi Attanayake and Upul Marapana



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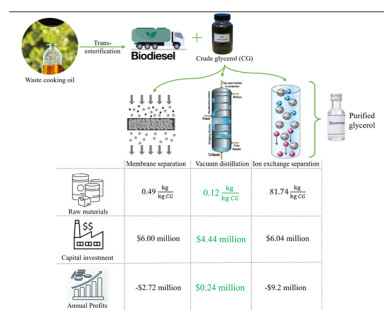


### Advances in 3D printing with eco-friendly materials: a sustainable approach to manufacturing

Kavya Agrawal and Asrar Rafiq Bhat\*

## PAPERS

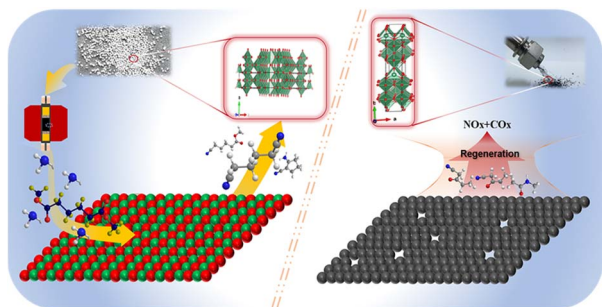
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Yash Bansod, Kamran Ghasemzadeh and Carmine D'Agostino\*

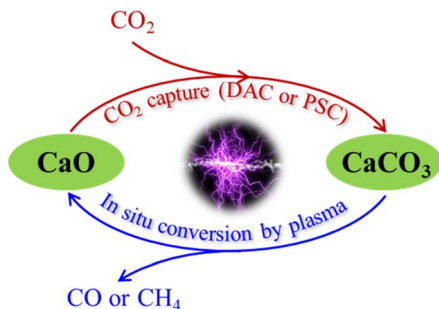
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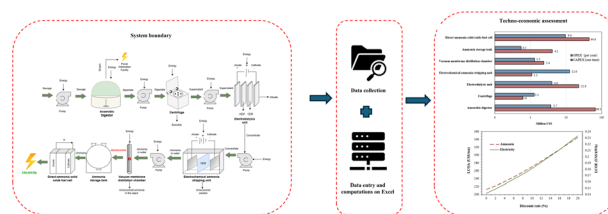
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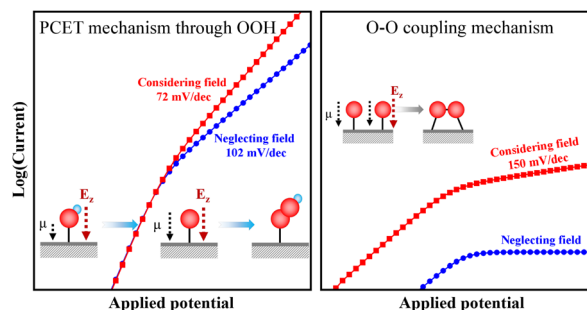
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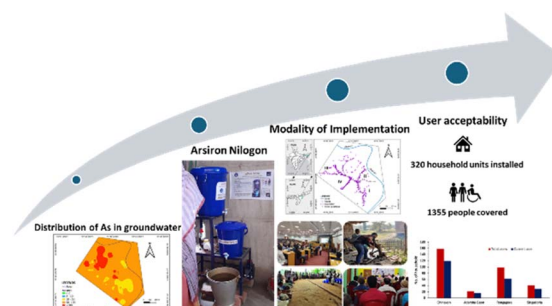
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Saranga Baishya, Shamiran Baroi, Tushmita Das, Rituparna Saikia and Robin K. Dutta\*



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Jessica R. Westlake, Edward Chaloner, Maisem Laabei, Fotis Sgouridis, Andrew D. Burrows and Ming Xie\*

