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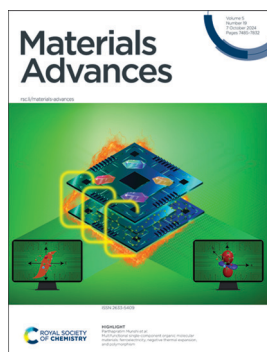
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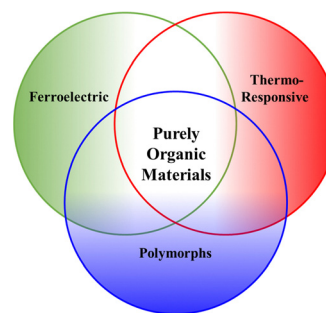
See Parthapratim Munshi *et al.*, pp. 7495–7515. Image reproduced by permission of Parthapratim Munshi from *Mater. Adv.*, 2024, 5, 7495.

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Multifunctional single-component organic molecular materials: ferroelectricity, negative thermal expansion, and polymorphism

Sanjay Dutta, Lalita Negi and Parthapratim Munshi*

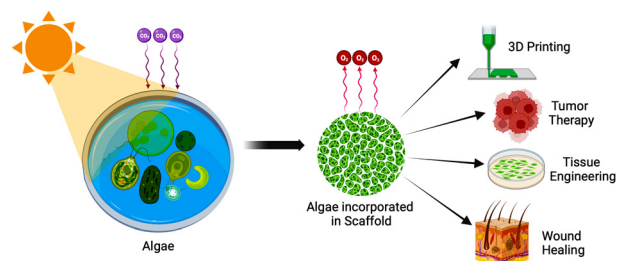


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Nikhita Pandian, Radhika Chaurasia, Satyaki Chatterjee, Bhaskar Biswas, Prabir Patra, Archana Tiwari* and Monalisa Mukherjee*



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Eco-friendly, sustainable, and safe energy storage: a nature-inspired materials paradigm shift

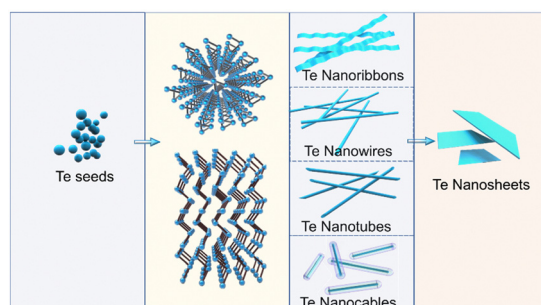
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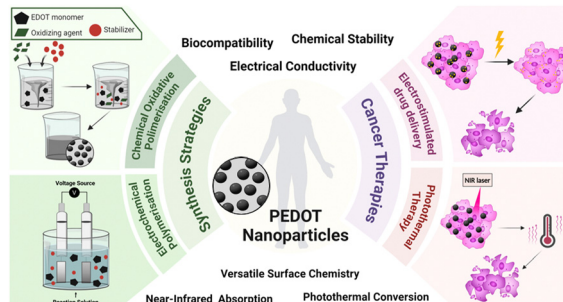
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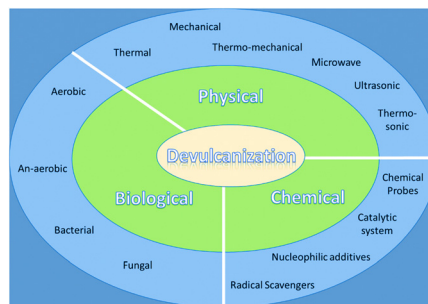
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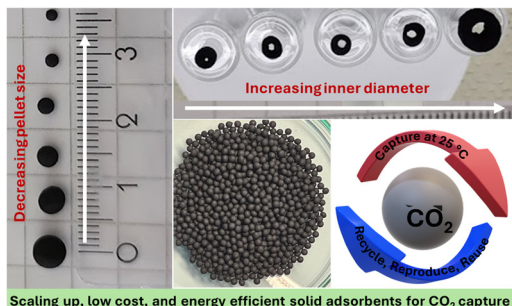
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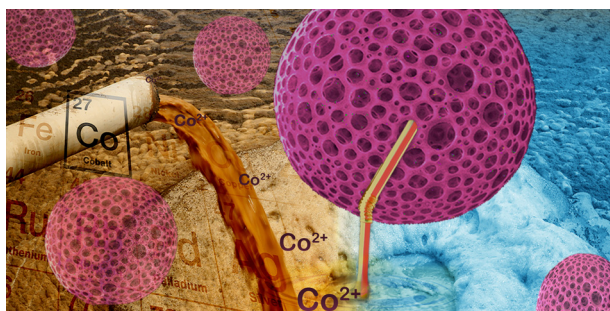
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Baljeet Singh,* Marianna Kemell and Timo Repo*

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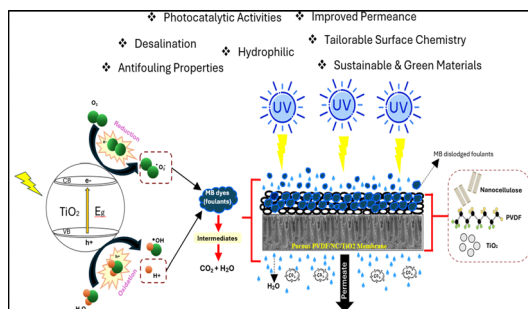


EDTA-functionalized hierarchical porous microspheres for effective cobalt ion recovery from water

Mao-Hsuan Peng and Chia-Chen Li*

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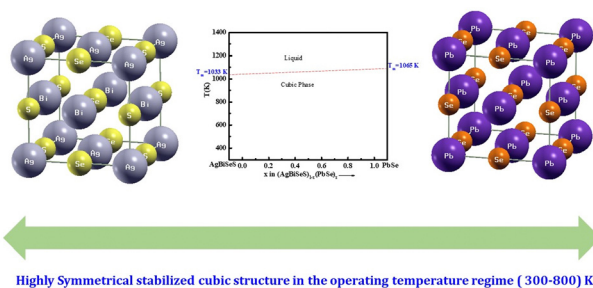
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A TiO₂ grafted bamboo derivative nanocellulose polyvinylidene fluoride (PVDF) nanocomposite membrane for wastewater treatment by a photocatalytic process

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Ranita Basu,* U. Sandhya Shenoy, Ankita Pathak, Shweta Singh, P. Jha, D. Krishna Bhat, Hirakendu Basu and Ajay Singh

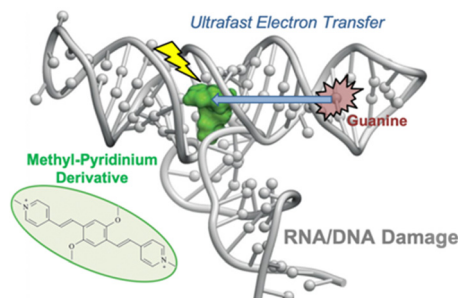


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Direct observation of guanine photo-oxidation from new potential anticancer drugs *via* ultrafast electron transfer

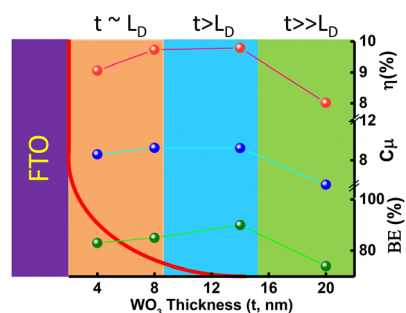
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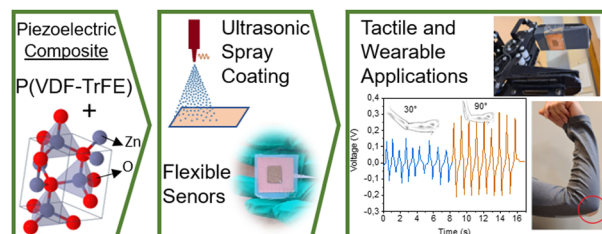
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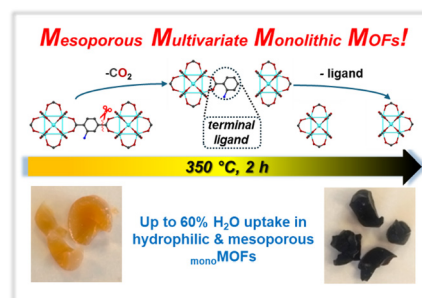
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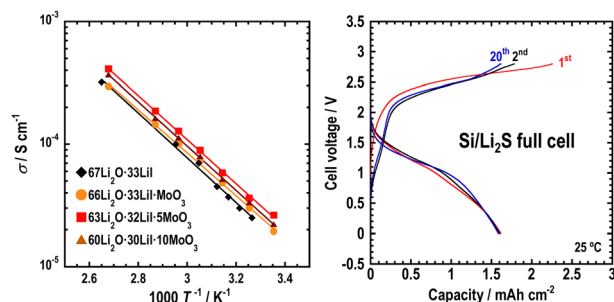
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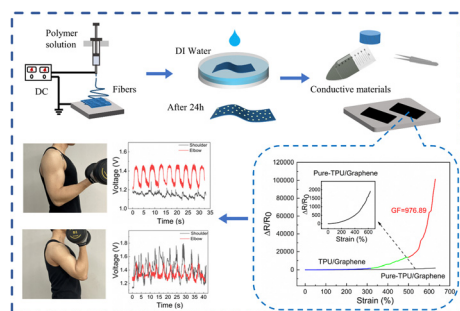
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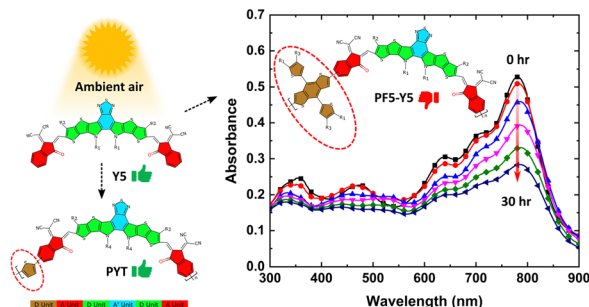
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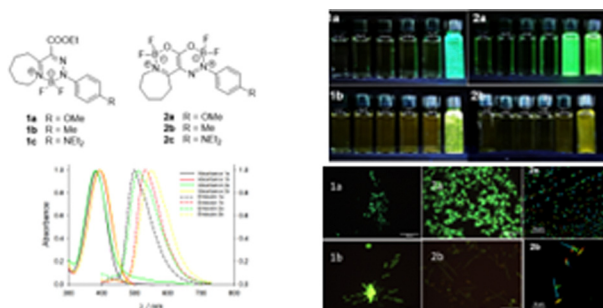
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Effect of molecular structure on the photochemical stability of acceptor and donor polymers used in organic solar cells

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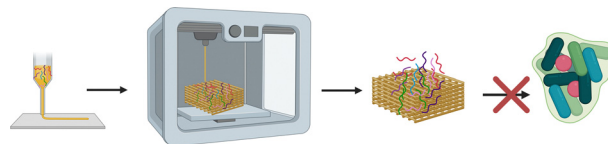


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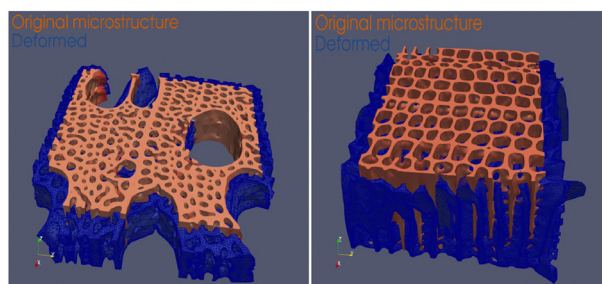
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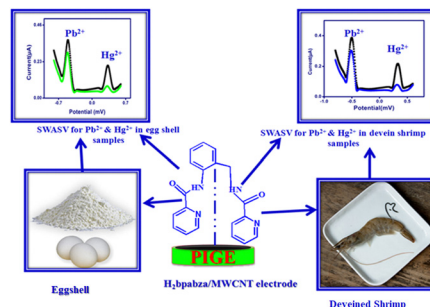
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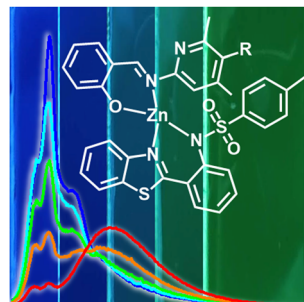
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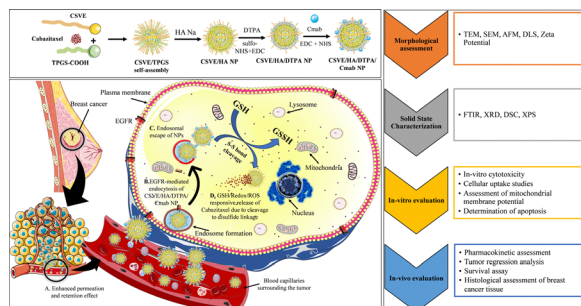
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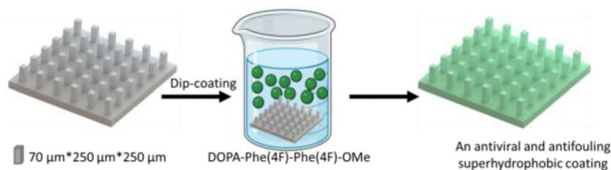
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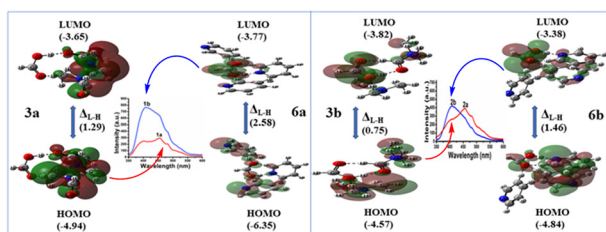
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An antifouling and antiviral superhydrophobic elastomer formed by 3D printing and a peptide-based coating

Tan Hu, Noa Trink, Shlomo Magdassi* and Meital Rechtes*

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