

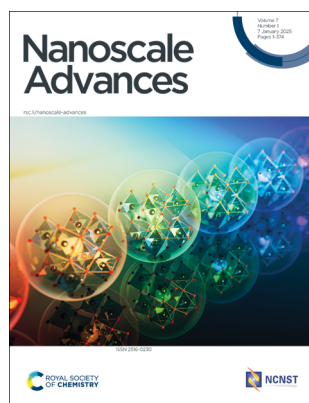
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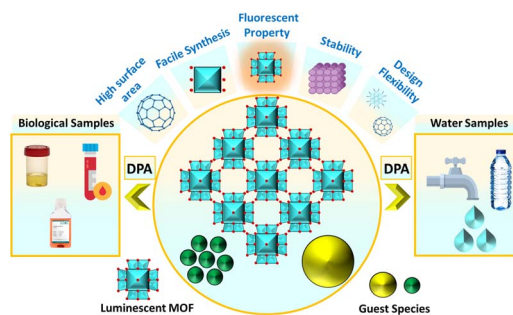
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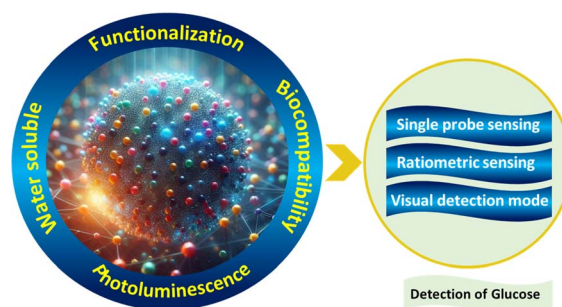
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Kawan F. Kayani,* Dizar Ghafoor, Sewara J. Mohammed and Omer B. A. Shatery



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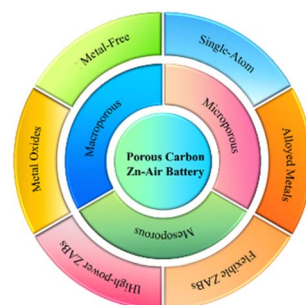
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Porous carbon-nanostructured electrocatalysts for zinc–air batteries: from materials design to applications

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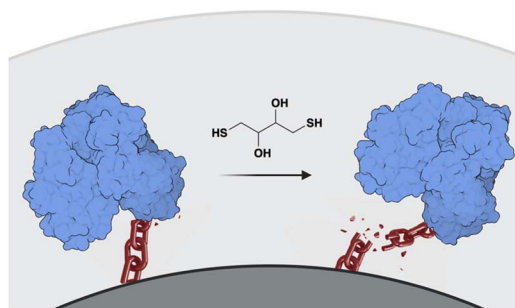


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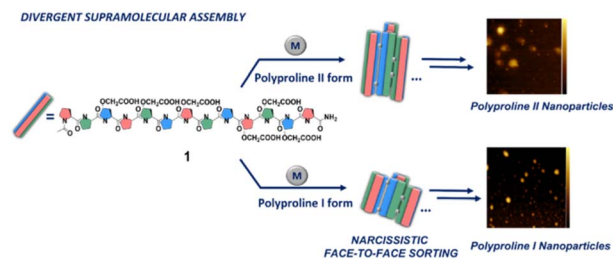
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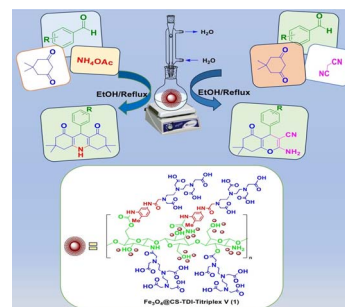


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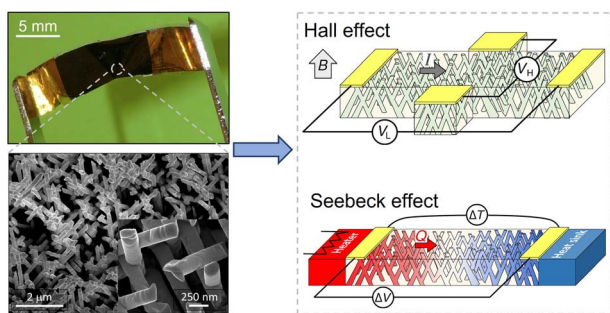
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Najmeh Hassanzadeh, Mohammad G. Dekamin*
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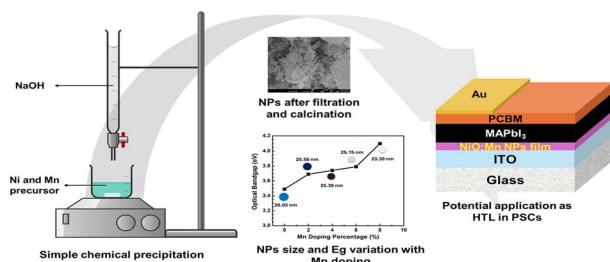
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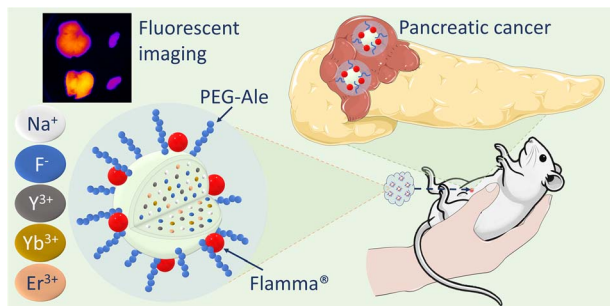
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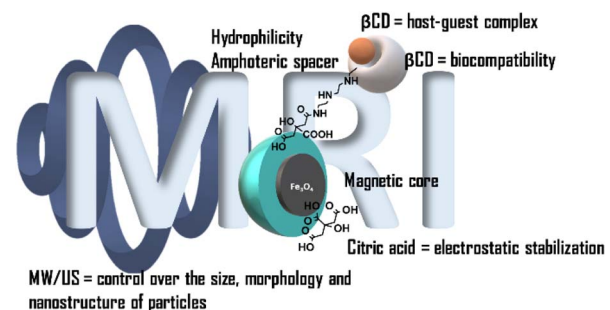
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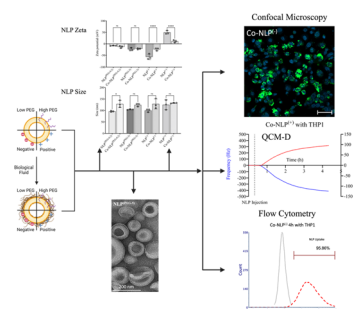
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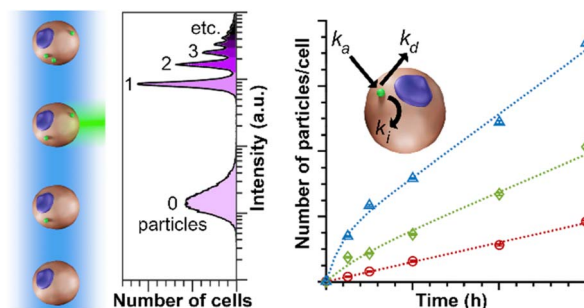
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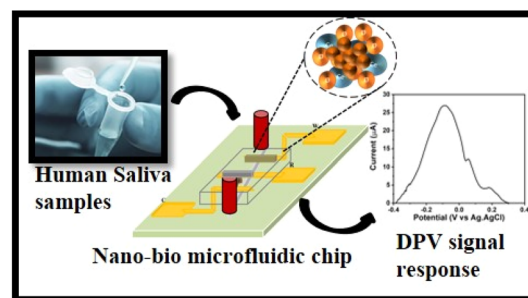
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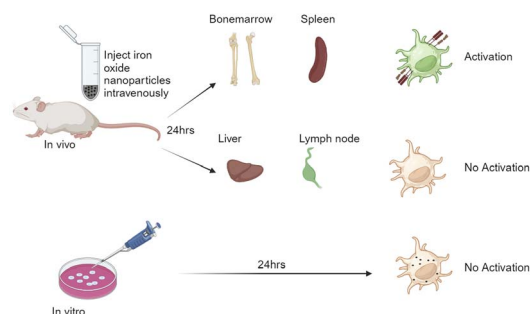
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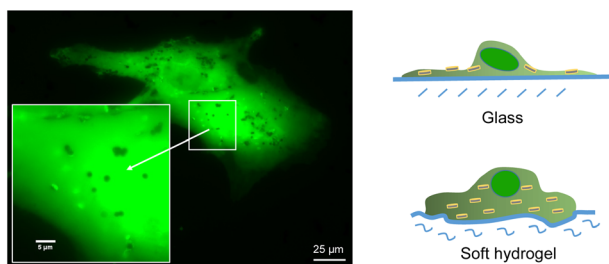
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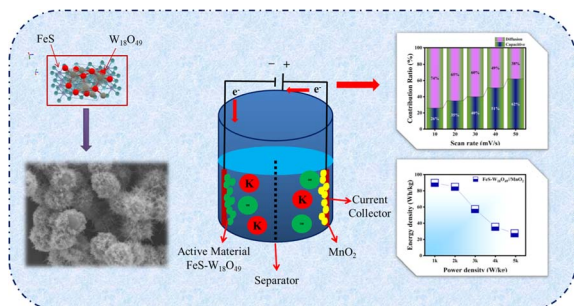
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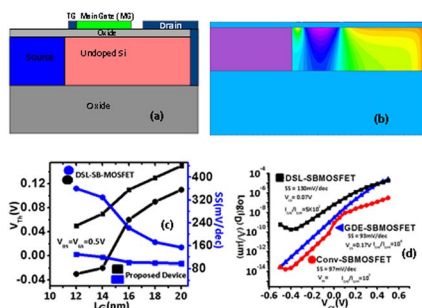
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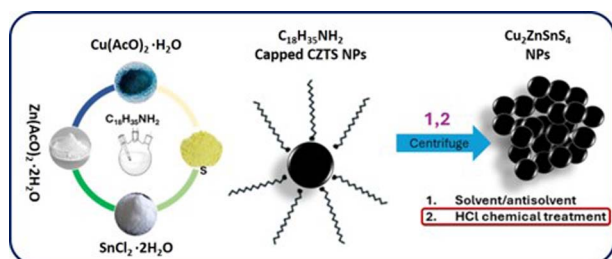
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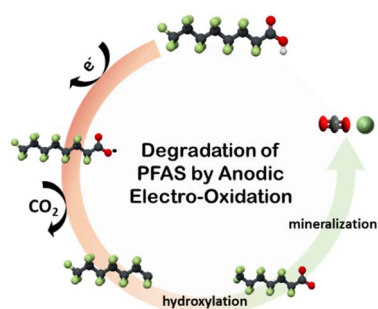
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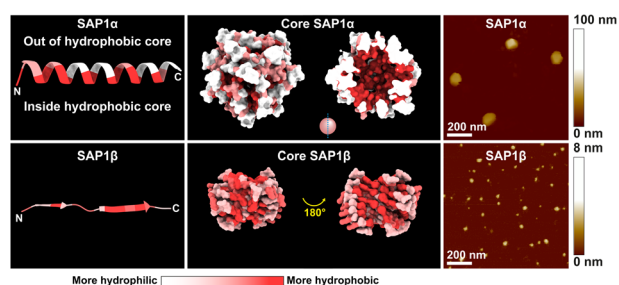
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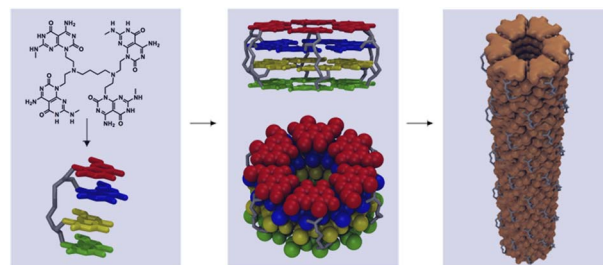
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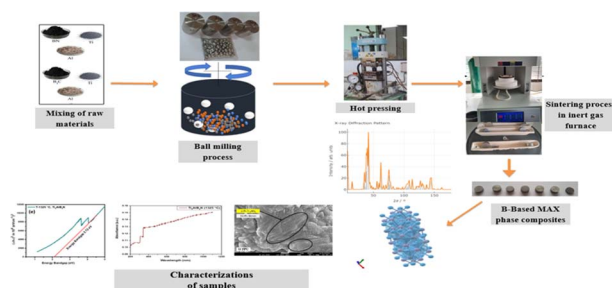
Usha D. Hemraz,* Takeshi Yamazaki, Mounir El-Bakkari, Jae-Young Cho and Hicham Fenniri*



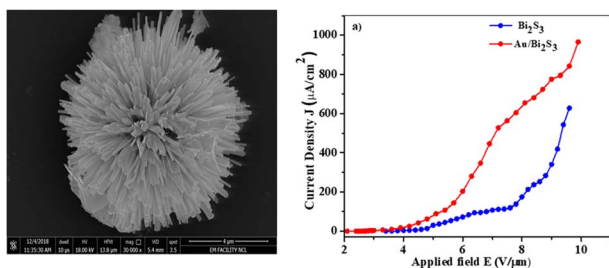
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Exploring semiconductor potential: novel boron-based Ti_3AlC_2 and Ti_4AlN_3 MAX phase composites with tunable band gaps

Md. Shahinoor Alam,* Mohammad Asaduzzaman Chowdhury, Md. Saiful Islam, Md. Moynul Islam, Md. Abdus Sabur and Md. Masud Rana



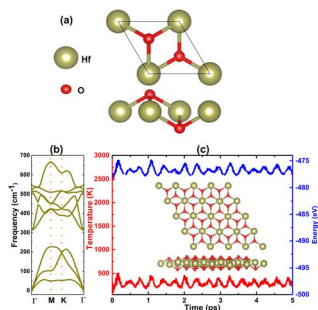
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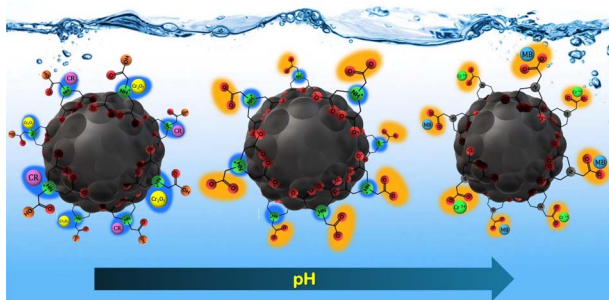
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Electronic and magnetic properties of the HfO₂ monolayer engineered by doping with transition metals and nonmetal atoms towards spintronic applications

Nguyen Thi Han, J. Guerrero-Sanchez and D. M. Hoat*

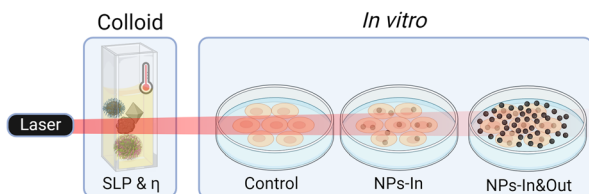
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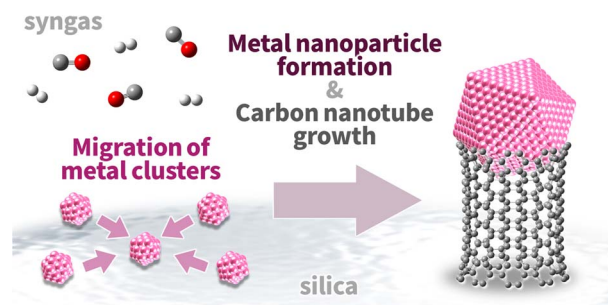


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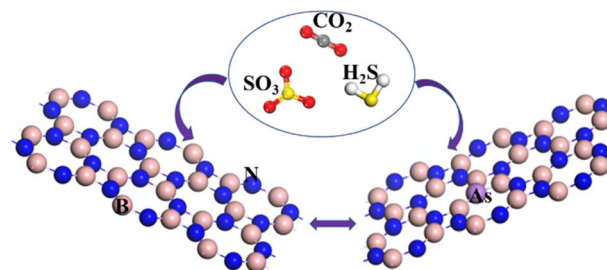
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Mohammad Ali Ghasemzadeh* and Boshra Mirhosseini-Eshkevari

