

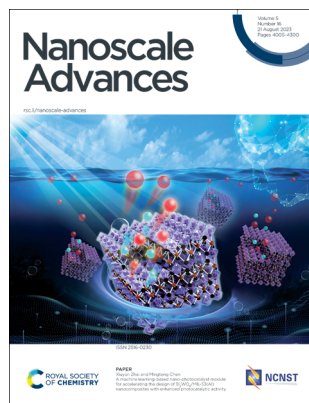
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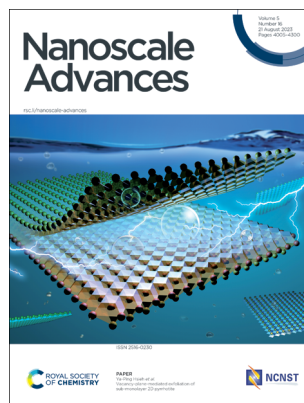
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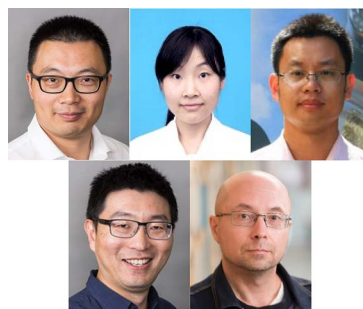
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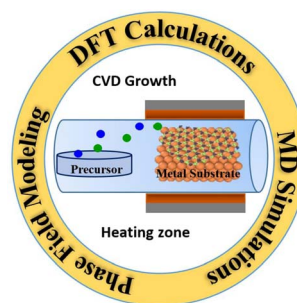


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Growth mechanisms of monolayer hexagonal boron nitride (*h*-BN) on metal surfaces: theoretical perspectives

Md. Sherajul Islam,* Abdullah Al Mamun Mazumder, Minhaz Uddin Sohag, Md. Mosarof Hossain Sarkar, Catherine Stampfl and Jeongwon Park

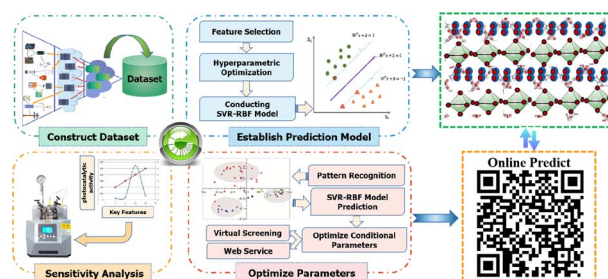


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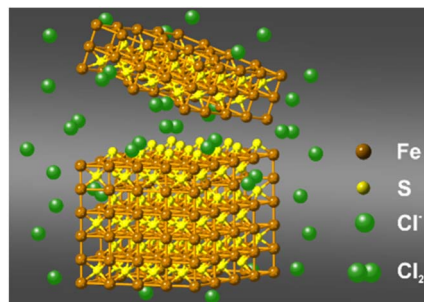
Xiuyun Zhai* and Mingtong Chen



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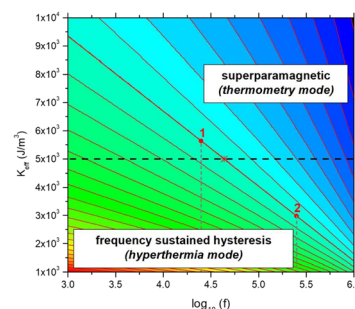
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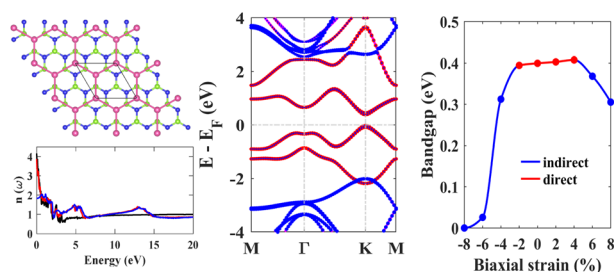
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Multifunctional effects in magnetic nanoparticles for precision medicine: combining magnetic particle thermometry and hyperthermia

Gabriele Barrera,* Paolo Allia and Paola Tiberto



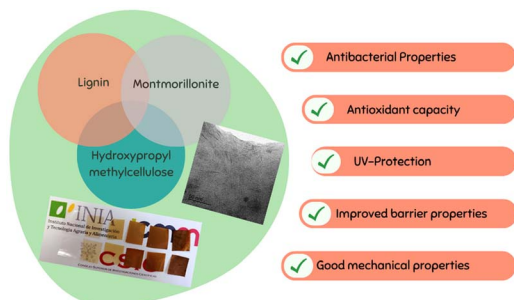
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Nishat Tasnim Hiramony, Tanshia Tahreen Tanisha, Sumaiya Jahan Tabassum and Samia Subrina*

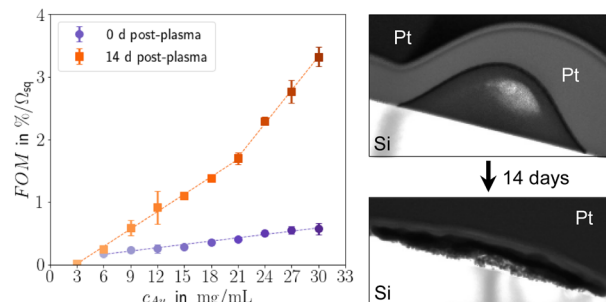
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Raquel Martín-Sampedro,* Pilar Aranda, Gustavo del Real, Eduardo Ruiz-Hitzky and Margarita Darder

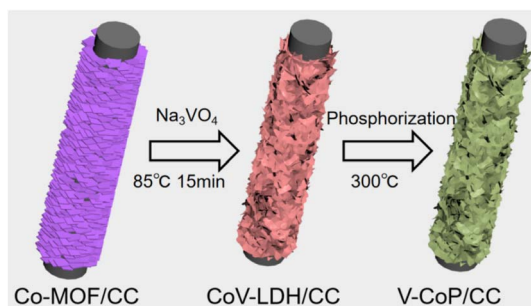
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V-doped porous CoP nanoarrays grown on carbon cloth with optimized electronic structure for the hydrogen evolution reaction

Wenzhi Jia, Qian Lu, Wenjun Zheng, Kunyan Wang, Xinhua Liu, Shichun Yang and Bin He*

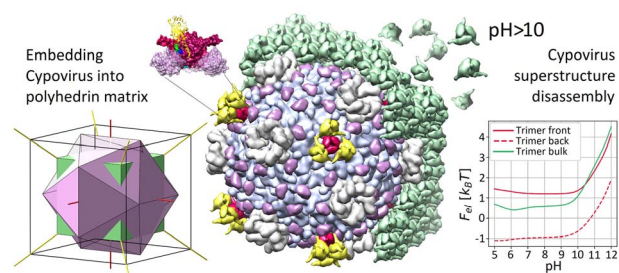


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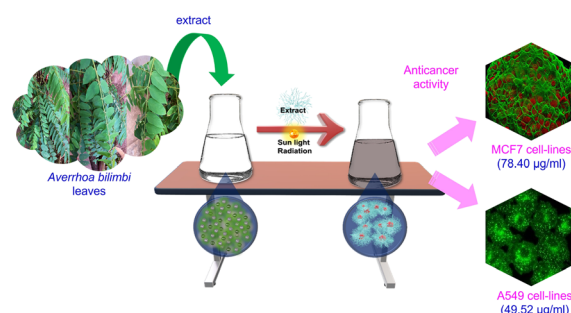
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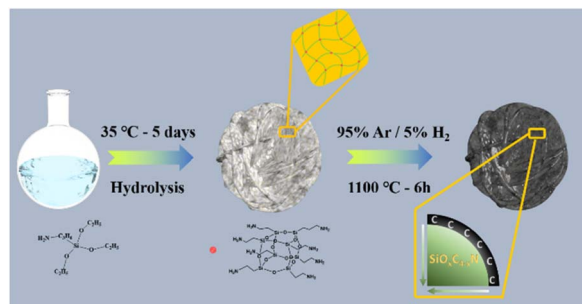
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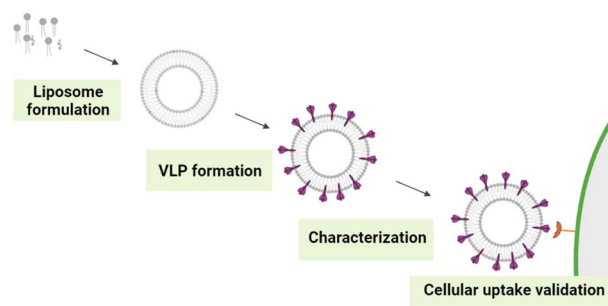
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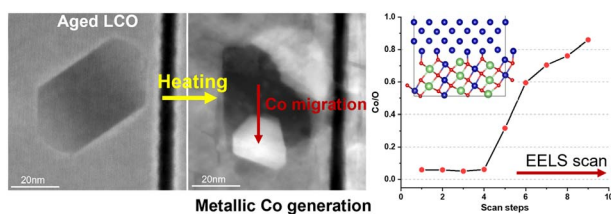
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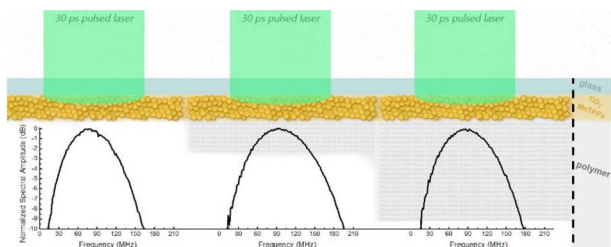
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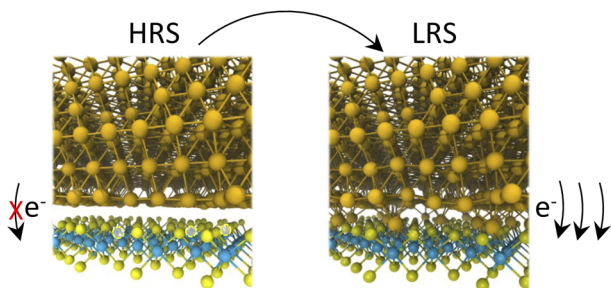
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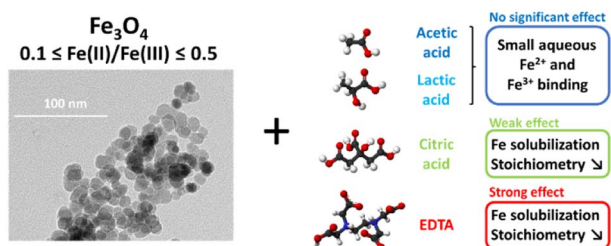
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Gabriele Boschetto,^{*} Stefania Carapezzi and Aida Todri-Sanial^{*}

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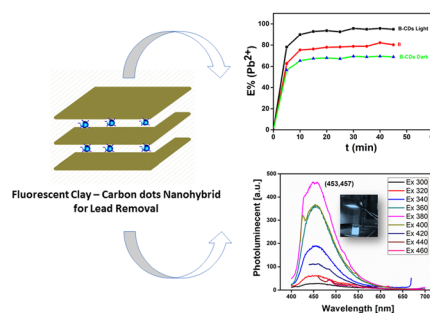
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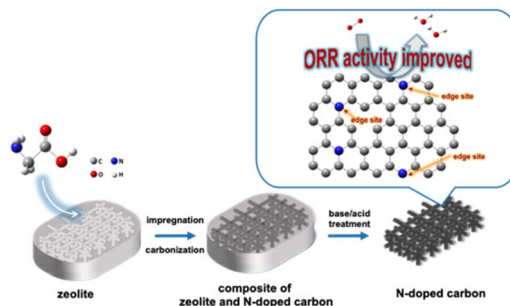
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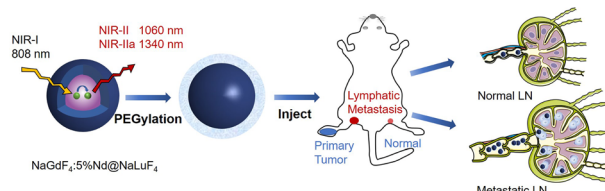
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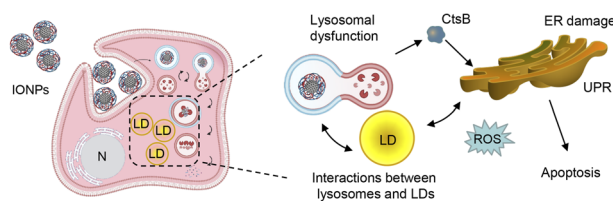
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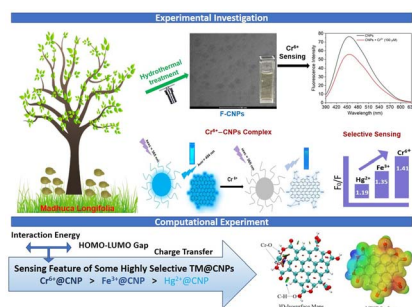
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Iron oxide nanoparticles trigger endoplasmic reticulum damage in steatotic hepatic cells

Mariia Uzhytchak, Mariia Lunova, Barbora Smolková, Milan Jirsa, Alexandr Dejnek^{*} and Oleg Lunov^{*}



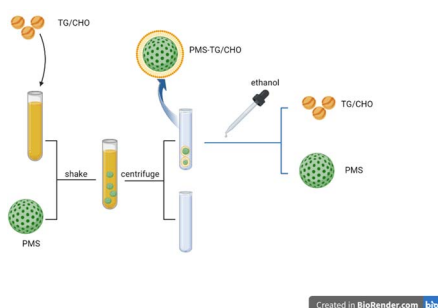
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Tuhin Mandal, Ashish Kumar Ghosh, Shiv Rag Mishra, Sarvesh Kumar Pandey* and Vikram Singh*

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Wenbin Lu,* Hao Jin,* Jiandong Ding, Yahao Zhang and Yong Wu

