

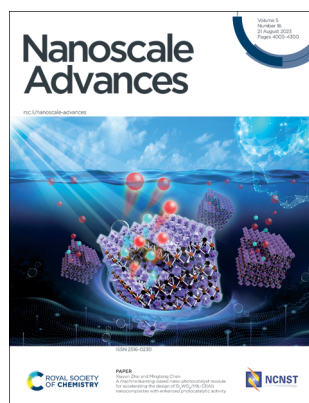
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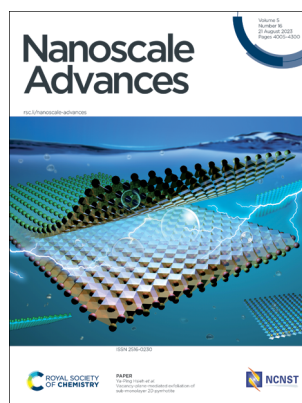
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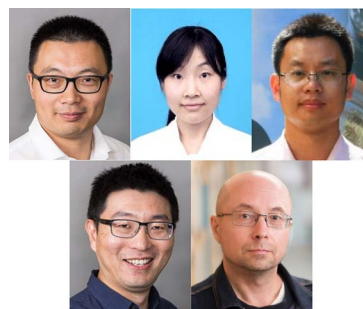
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Devyani Yenurkar, Malay Nayak and Sudip Mukherjee*



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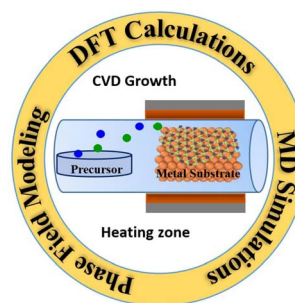


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Growth mechanisms of monolayer hexagonal boron nitride (*h*-BN) on metal surfaces: theoretical perspectives

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

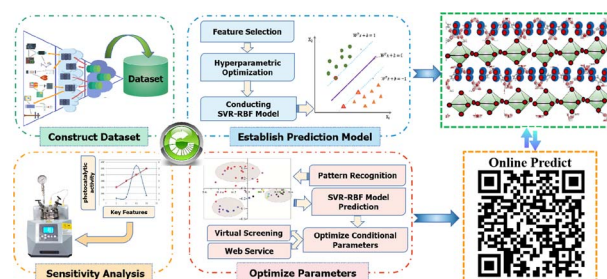


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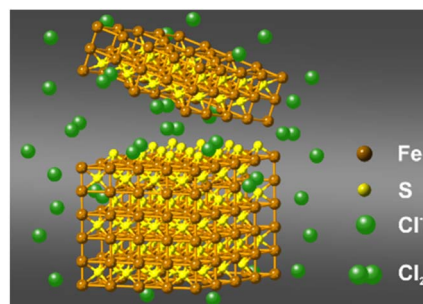
Xiuyun Zhai* and Mingtong Chen



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Vacancy-plane-mediated exfoliation of sub-monolayer 2D pyrrhotite

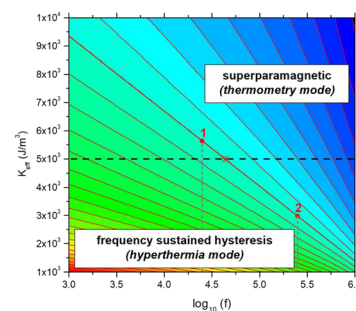
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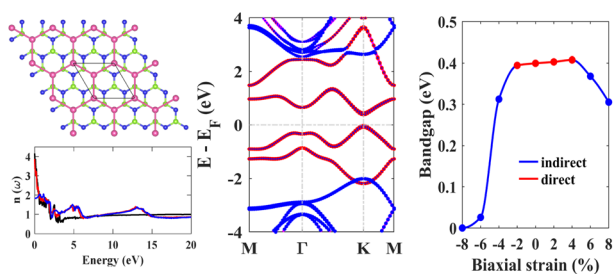
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Multifunctional effects in magnetic nanoparticles for precision medicine: combining magnetic particle thermometry and hyperthermia

Gabriele Barrera,* Paolo Allia and Paola Tiberto



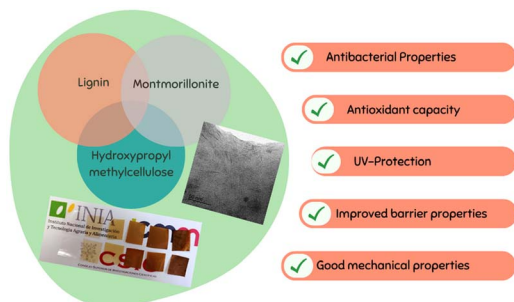
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Nishat Tasnim Hiramony, Tanshia Tahreen Tanisha, Sumaiya Jahan Tabassum and Samia Subrina*

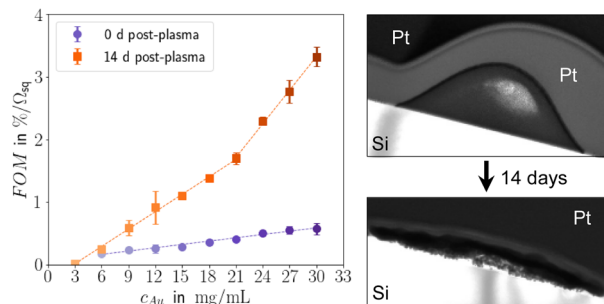
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Raquel Martín-Sampedro,* Pilar Aranda, Gustavo del Real, Eduardo Ruiz-Hitzky and Margarita Darder

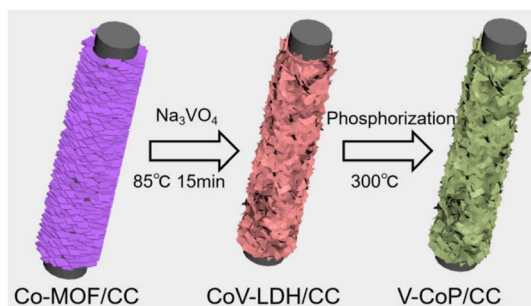
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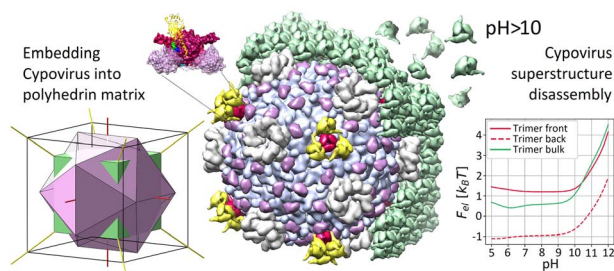
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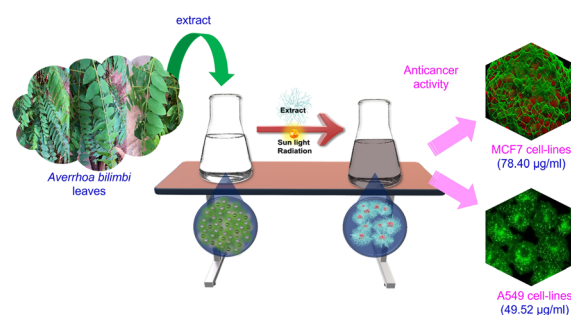
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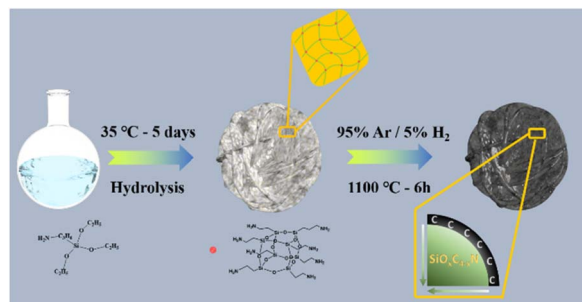
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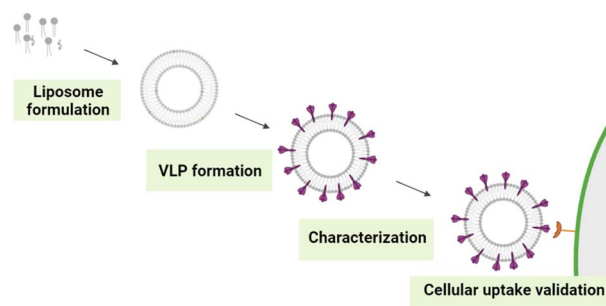
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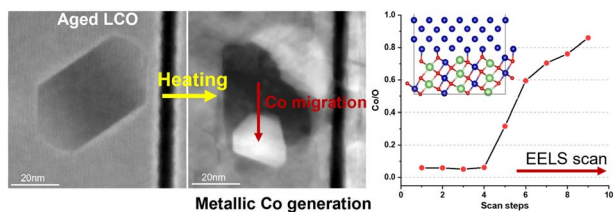
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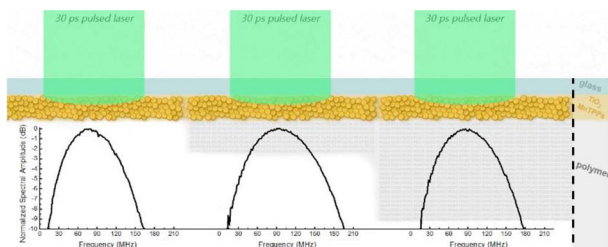
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Yuhan Wang, Yuan Yuan,* Xiaobin Liao, Gustaaf Van Tendeloo, Yan Zhao* and Congli Sun*

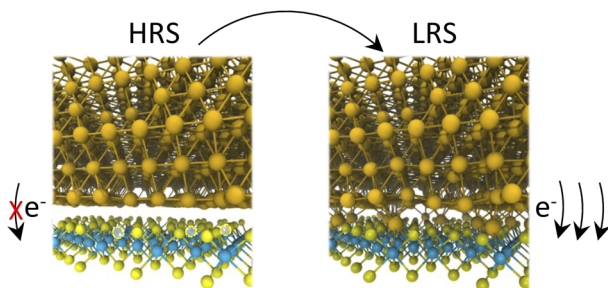
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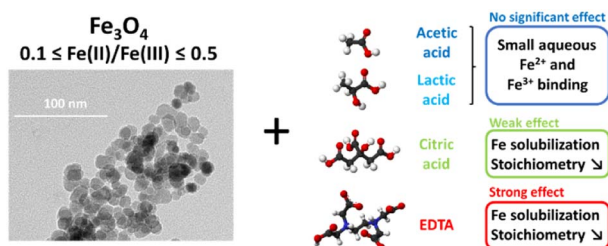
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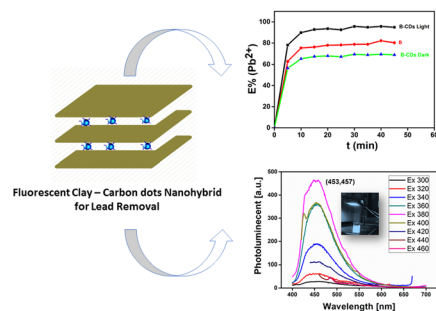
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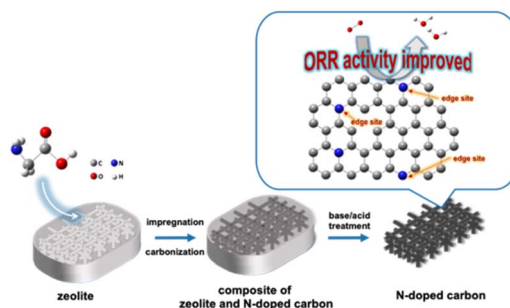
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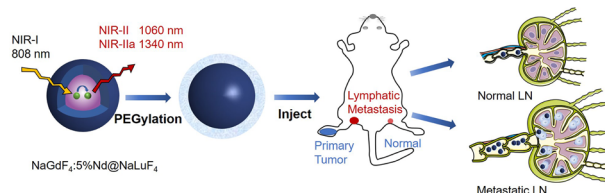
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Intraoperative diagnosis of early lymphatic metastasis using neodymium-based rare-earth NIR-II fluorescence nanoprobe

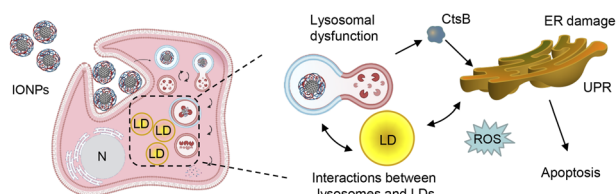
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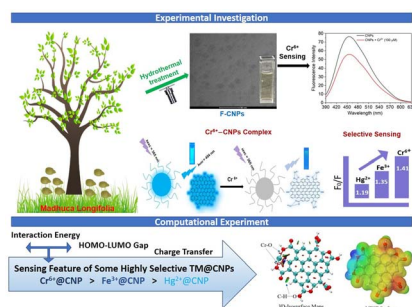
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Iron oxide nanoparticles trigger endoplasmic reticulum damage in steatotic hepatic cells

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



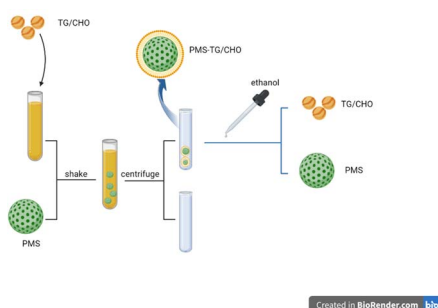
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Tuhin Mandal, Ashish Kumar Ghosh, Shiv Rag Mishra, Sarvesh Kumar Pandey* and Vikram Singh*

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

