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See Giuliana Grasso, Loretta L. del Mercato *et al.*, pp. 4311–4336.
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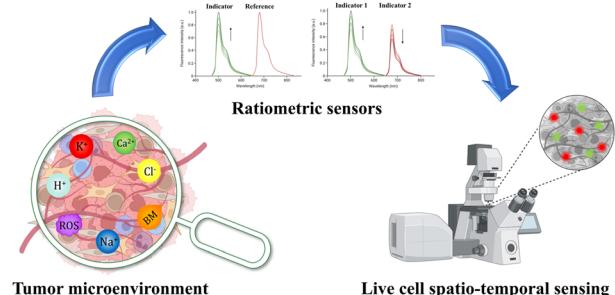
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Fluorescent nano- and microparticles for sensing cellular microenvironment: past, present and future applications

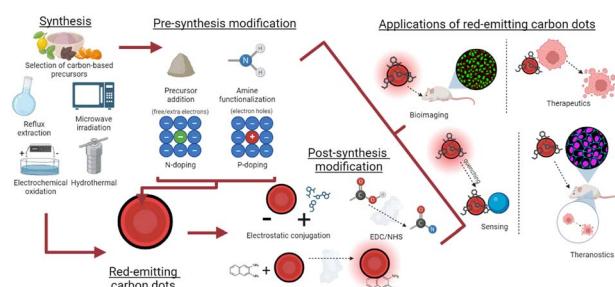
Giuliana Grasso,* Francesco Colella, Stefania Forciniti, Valentina Onesto, Helena Iuele, Anna Chiara Siciliano, Federica Carnevali, Anil Chandra, Giuseppe Gigli and Loretta L. del Mercato*



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Red emitting carbon dots: surface modifications and bioapplications

Dawson Benner, Pankaj Yadav and Dhiraj Bhatia*



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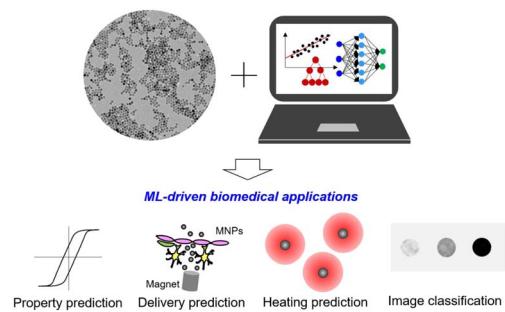


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Machine learning assisted-nanomedicine using magnetic nanoparticles for central nervous system diseases

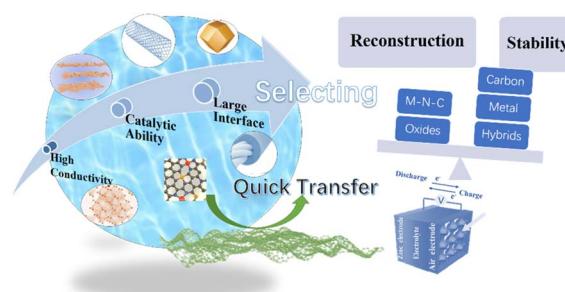
Asahi Tomitaka,* Arti Vashist, Nagesh Kolishetti and Madhavan Nair*



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Recent advances of bifunctional catalysts for zinc air batteries with stability considerations: from selecting materials to reconstruction

Wanqi Tang, Jiarong Mai, Lili Liu,* Nengfei Yu,* Lijun Fu, Yuhui Chen, Yankai Liu, Yuping Wu* and Teunis van Ree

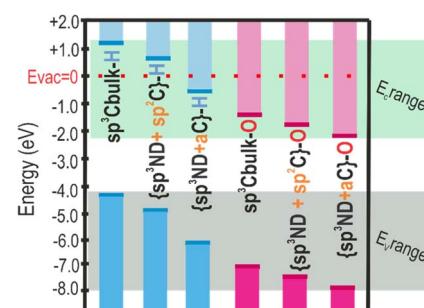


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Absolute energy levels in nanodiamonds of different origins and surface chemistries

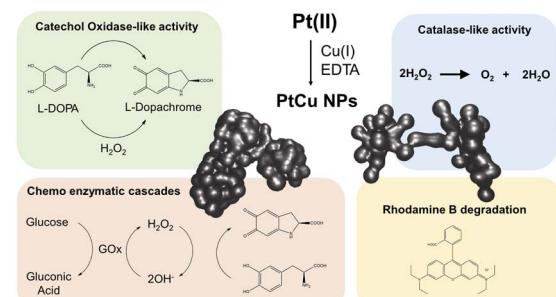
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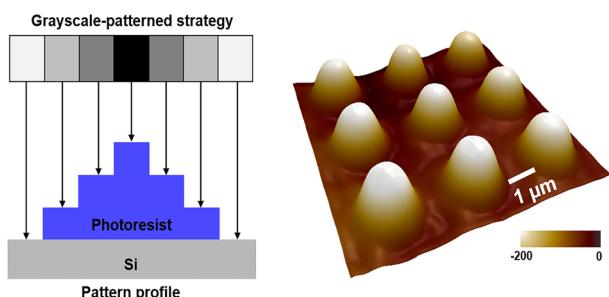
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Adrián Fernández-Lodeiro,* Javier Fernández Lodeiro, Noelia Losada-García, Silvia Nuti, José Luis Capelo-Martínez, Jose M. Palomo* and Carlos Lodeiro*



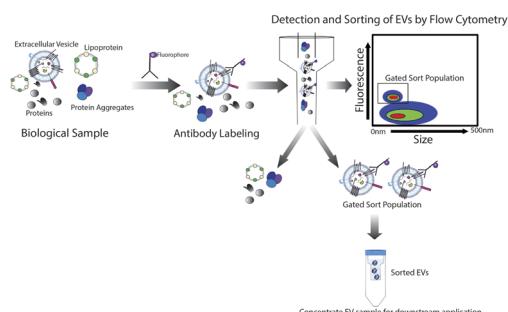
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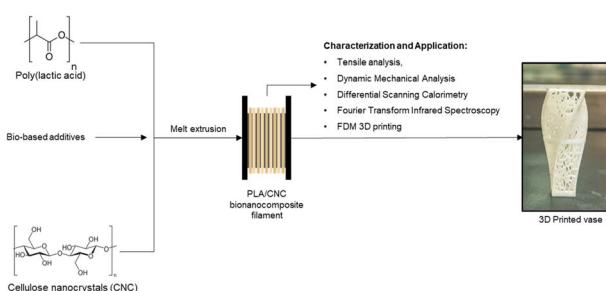
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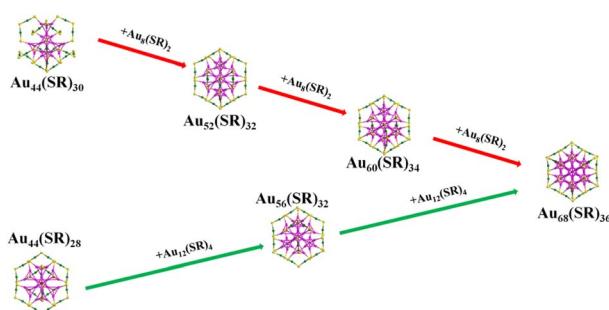
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Wenhua Han, Gang Wang, Pengye Liu, Wenliang Li* and Wen Wu Xu*

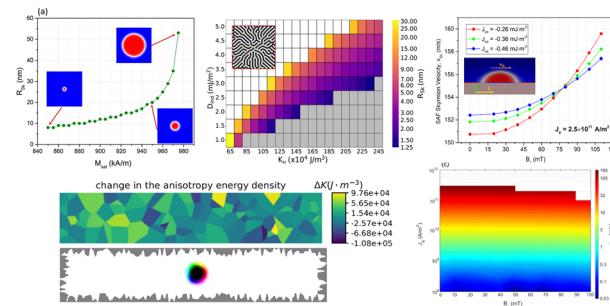


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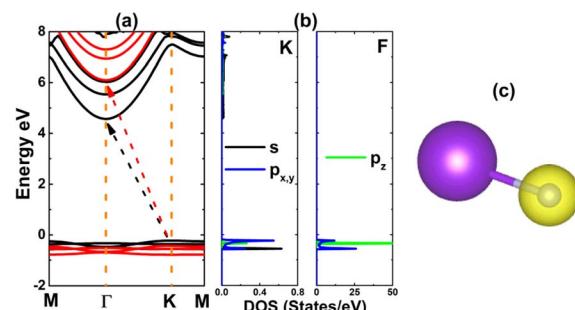
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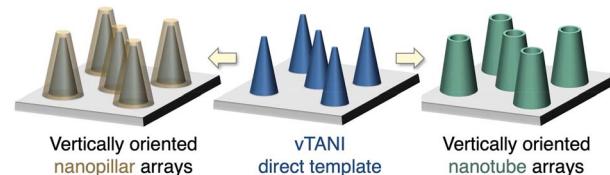
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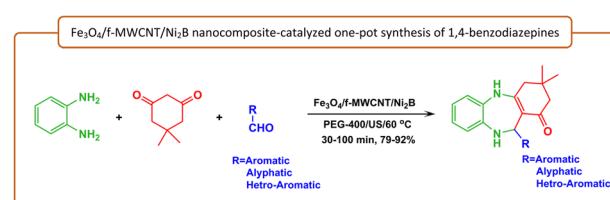
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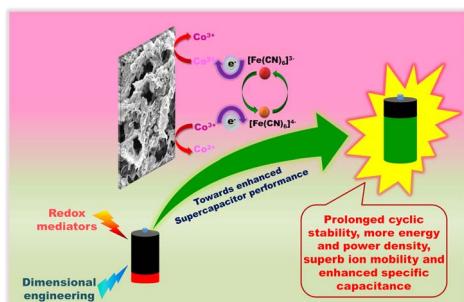
Immobilized nickel boride nanoparticles on magnetic functionalized multi-walled carbon nanotubes: a new nanocomposite for the efficient one-pot synthesis of 1,4-benzodiazepines

Farkhondeh Mohammad Aminzadeh and Behzad Zeynizadeh*



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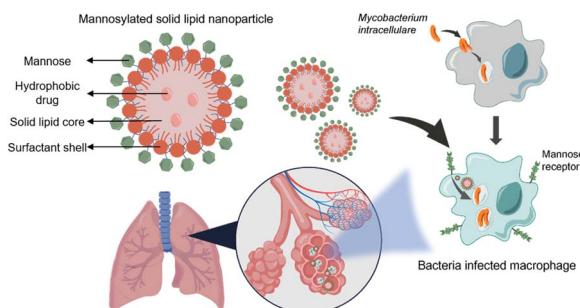
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Ritik Mohanty, Kaushik Parida* and Kulamani Parida*

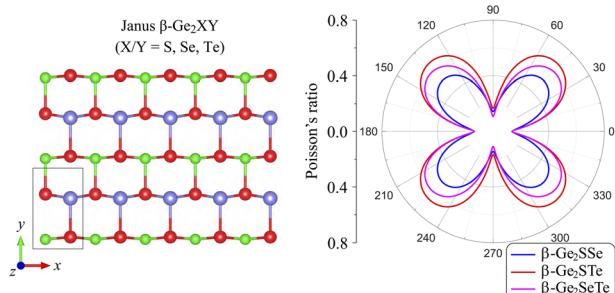
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Jayoung Chae, Seung Hyun Kang, Jiwon Kim, Yonghyun Choi,* Shin Hyuk Kang* and Jonghoon Choi*

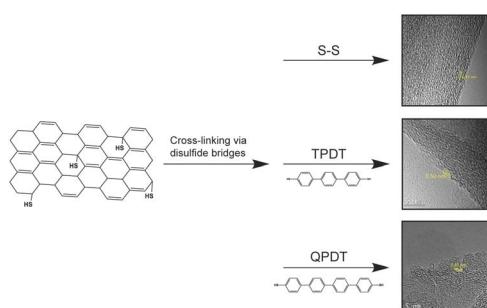
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Nguyen Dinh Hien, D. V. Lu* and Le C. Nhan

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Nikita Sugak,* Hien Pham, Abhaya Datye, Shomeek Mukhopadhyay, Haiyan Tan, Min Li and Lisa D. Pfefferle

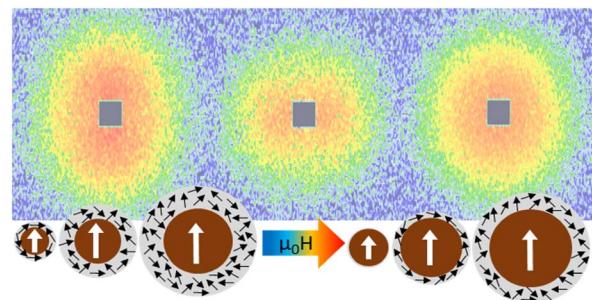


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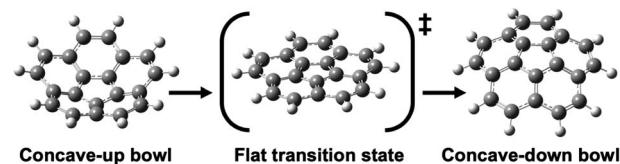
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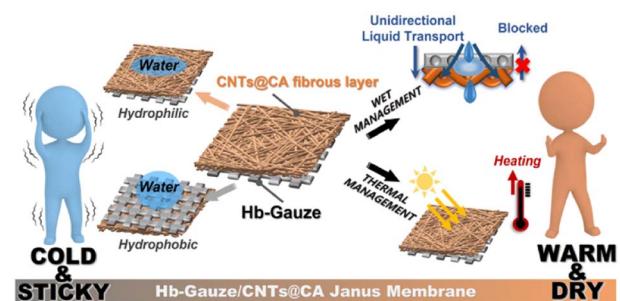
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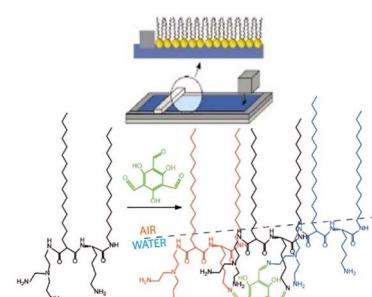
Boyang Tian, Miaomiao Hu, Yiwen Yang and Jing Wu*



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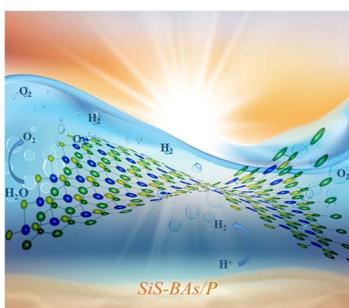
Cross-linking reactions in Langmuir monolayers of specially designed aminolipids – a toolbox for the customized production of amphiphilic nanosheets

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Sheraz Ahmad, H. U. Din,* S. S. Ullah Sabir and B. Amin

CORRECTION

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Correction: Flavin-adenine-dinucleotide gold complex nanoparticles: chemical modeling design, physico-chemical assessment and perspectives in nanomedicine

Celia Arib, Nadia Bouchemal, Maria Barile, Didier Paleni, Nadia Djaker, Nathalie Dupont and Jolanda Spadavecchia*

