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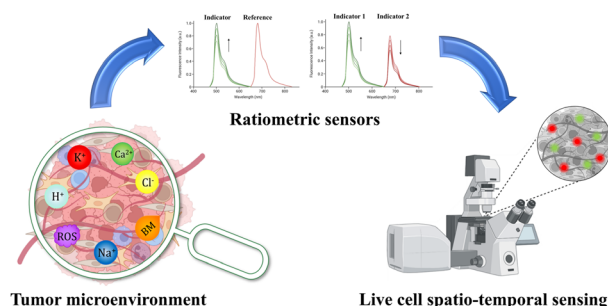
See Daria Miliatieva *et al.*, pp. 4402–4414. Image reproduced by permission of Daria Miliatieva, Bohuslav Rezek, Vojtech Nádaždy from *Nanoscale Adv.*, 2023, 5, 4402.

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Fluorescent nano- and microparticles for sensing cellular microenvironment: past, present and future applications

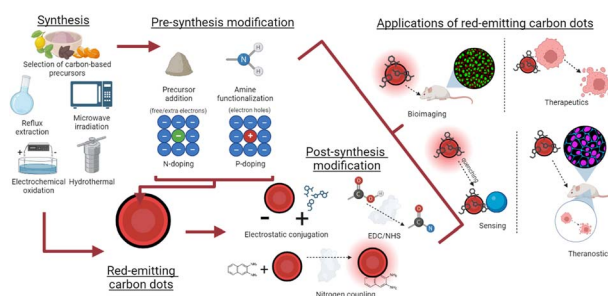
Giuliana Grasso,* Francesco Colella, Stefania Forciniti, Valentina Onesto, Helena Luele, Anna Chiara Siciliano, Federica Carnevali, Anil Chandra, Giuseppe Gigli and Loretta L. del Mercato*



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Red emitting carbon dots: surface modifications and bioapplications

Dawson Benner, Pankaj Yadav and Dhiraj Bhatia*



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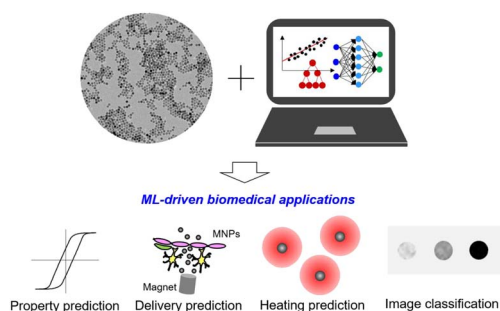


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Machine learning assisted-nanomedicine using magnetic nanoparticles for central nervous system diseases

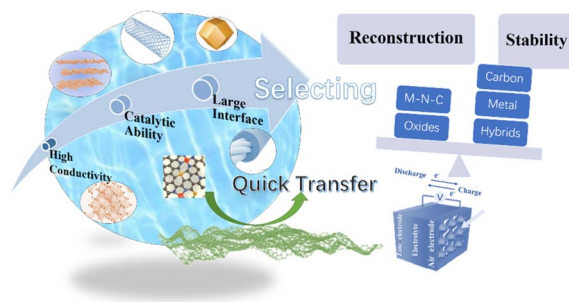
Asahi Tomitaka,* Arti Vashist, Nagesh Kolishetti and Madhavan Nair*



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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

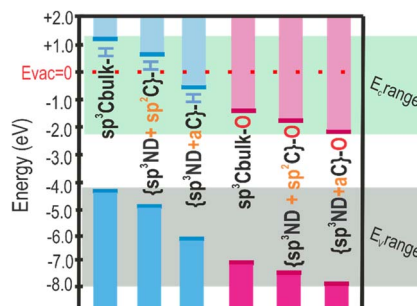


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Absolute energy levels in nanodiamonds of different origins and surface chemistries

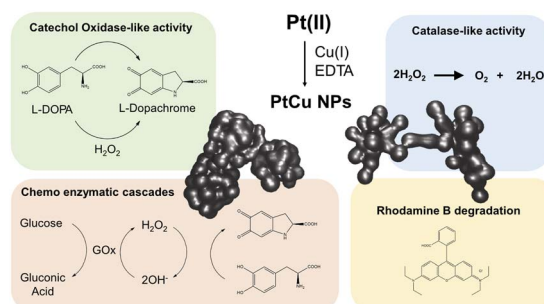
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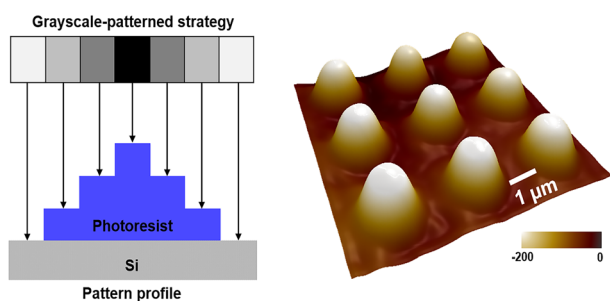
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Copper(I) as a reducing agent for the synthesis of bimetallic PtCu catalytic nanoparticles

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



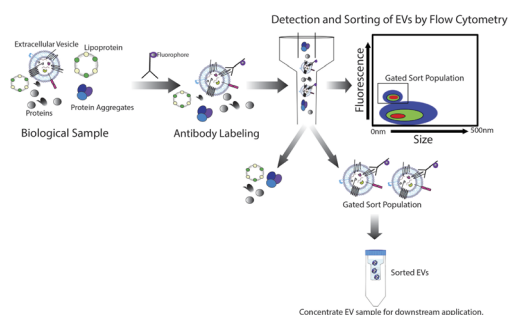
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Dandan Han, Tianchun Ye* and Yayi Wei*

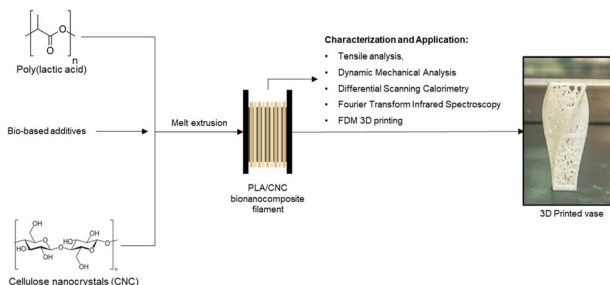
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Karan Khanna, Nikki Salmond, Sina Halvaei, Andrew Johnson and Karla C. Williams*

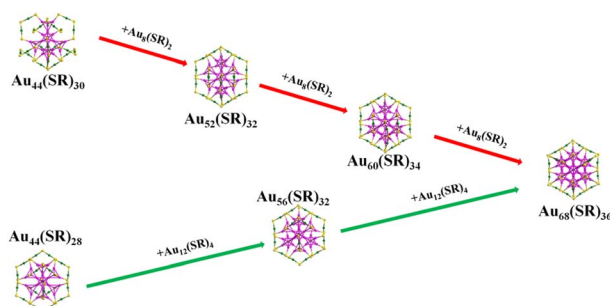
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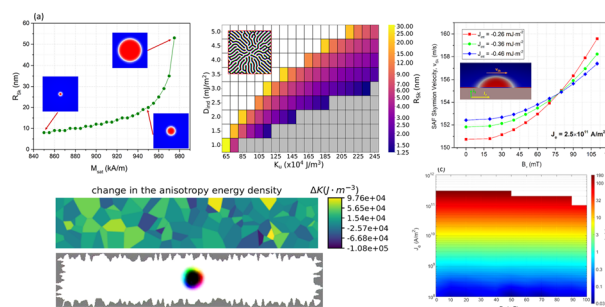
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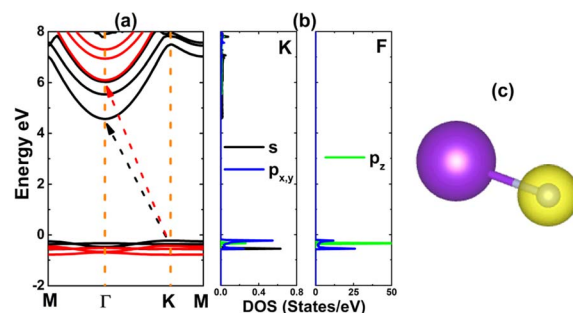
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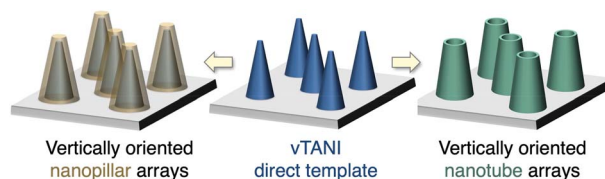
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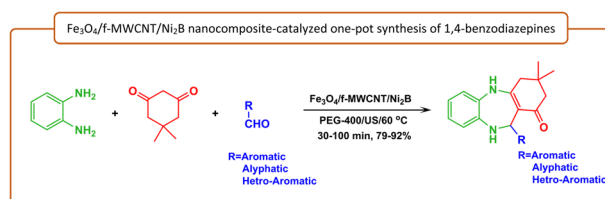
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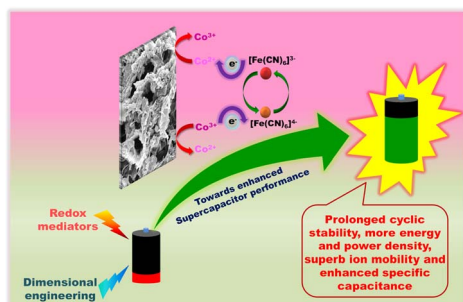
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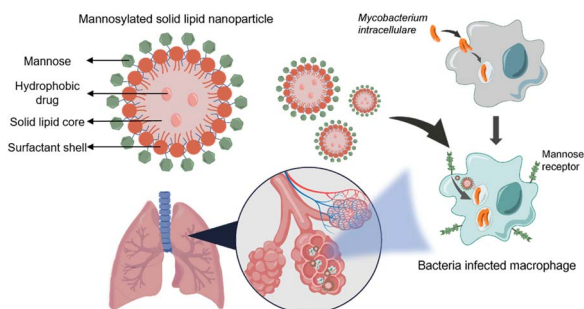
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Ritik Mohanty, Kaushik Parida* and Kulamani Parida*

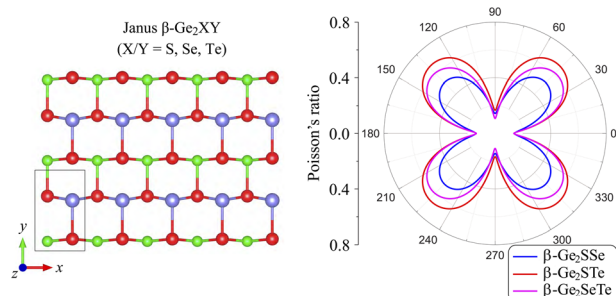
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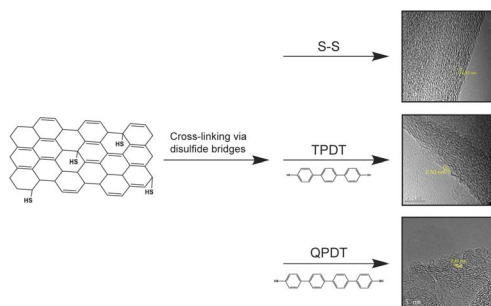
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Nguyen Dinh Hien, D. V. Lu* and Le C. Nhan

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

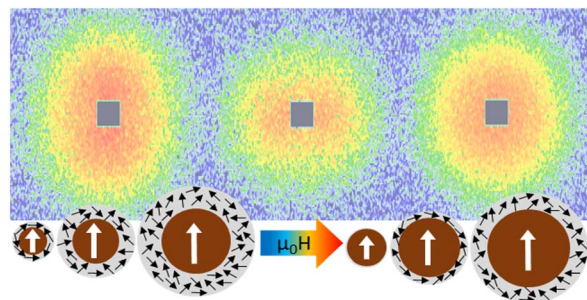


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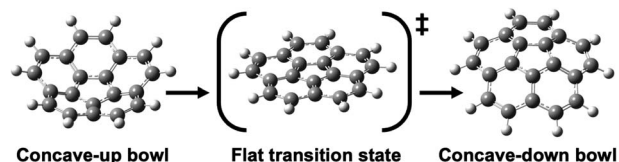
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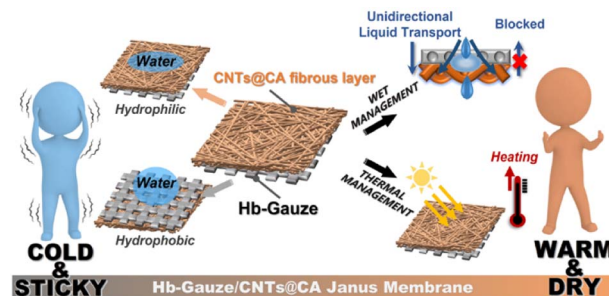
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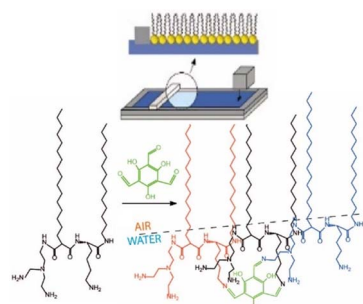
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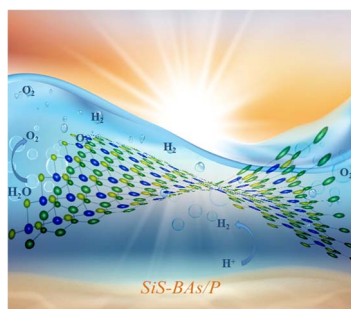
Cross-linking reactions in Langmuir monolayers of specially designed aminolipids – a toolbox for the customized production of amphiphilic nanosheets

Cristina Stefaniu, Christian Wölk,* Victoria M. Latza, Andrei Chumakov, Gerald Brezesinski and Emanuel Schneck*



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First-principles study of BX–SiS (X = As, P) van der Waals heterostructures for enhanced photocatalytic performance

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^{*}

