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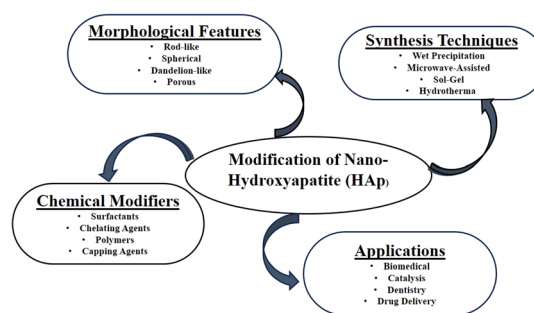
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REVIEW

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Effects of different types of modifiers on structural variation of nano-hydroxyapatite for efficient application

Nahida Sultana Bristy, Md. Kawsar* and Md. Sahadat Hossain*

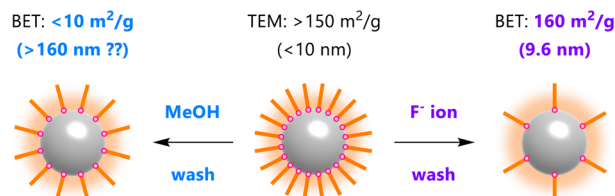


COMMUNICATION

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A more accurate estimation of the specific surface area of TiO₂ nanoparticles capped with organic ligands

Masahiko Sagawa, Shohei Yamashita and Yohei Okada*



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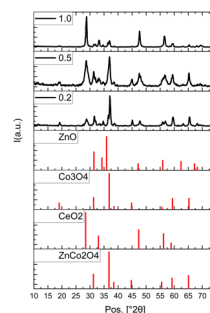
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ZnCo_(2-x)Ce_xO₄ (x=0–1.0 wt%): optimized structural, morphological, dielectric, and magnetic properties for humidity sensing applications

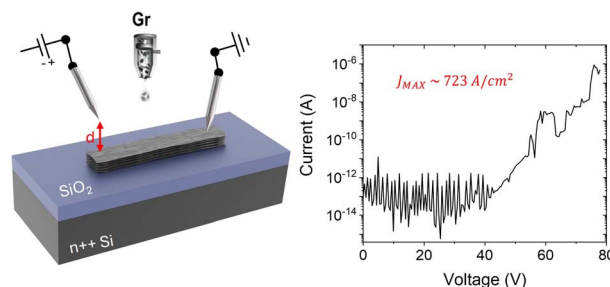
Abdelfattah Darwish, Mohamed I. Farouk, Mohamed Morsy and Amir Elzawy*



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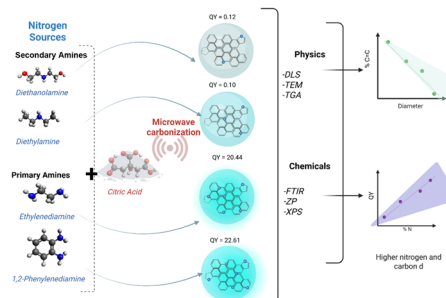
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Effect of the chemical nature of the nitrogen source on the physicochemical and optoelectronic properties of carbon quantum dots (CQDs)

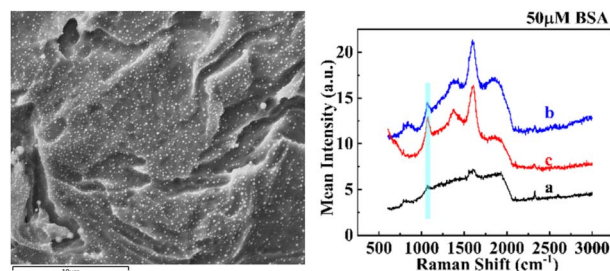
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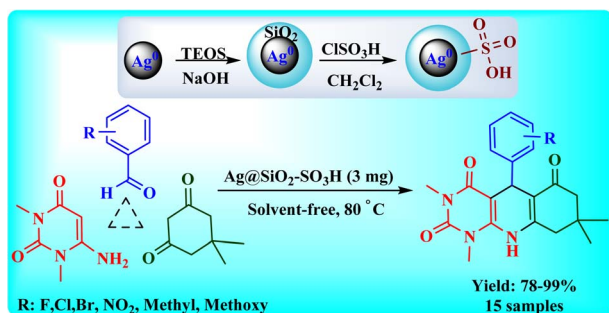
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UV-SERS monitoring of plasmonic photodegradation of biomolecules on aluminum platforms decorated with rhodium nanoparticles

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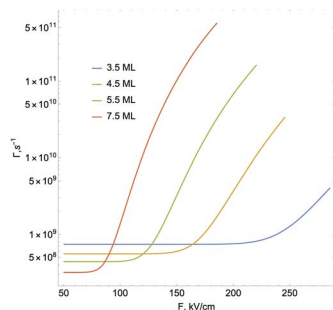
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Sulfonic acid grafted on silica-shell silver nanoparticles as a novel catalyst for the preparation of pyrimido[4,5-*b*]quinolines

Seyede Elaheh Ghafouri, Hamid Goudarziafshar* and Ahmad Reza Moosavi-Zare*

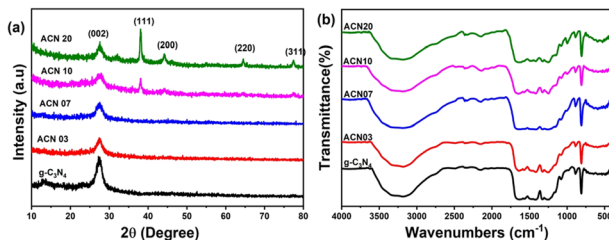
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Davit A. Baghdasaryan, Volodya A. Harutyunyan, Hayk A. Sarkisyan,* Lyudvig S. Petrosyan and Tigran V. Shahbazyan

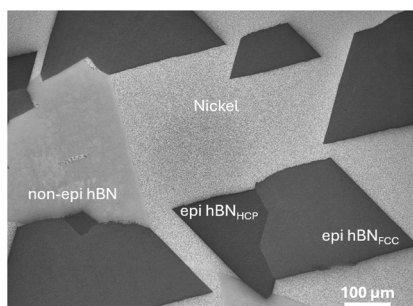
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Environmentally friendly fabrication of Ag nanoparticles decorated on g-C₃N₄ for enhancing the photodegradation of RhB

Lan Anh Luu Thi, Quoc Tung Trieu, Thi Hue Trinh, Tuyet Mai Nguyen Thi, Cong Tu Nguyen, Tran Thanh Tung and Nguyen Xuan Sang*

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Fast crystallographic texture mapping of atomically thin hBN films on Ni(111) using secondary electron contrast

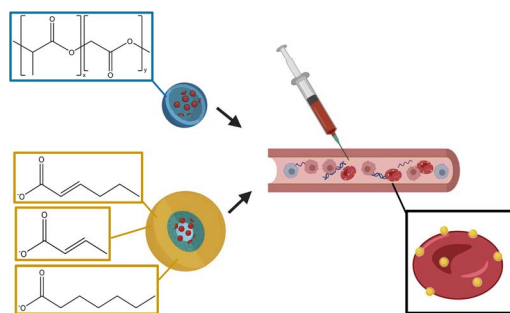
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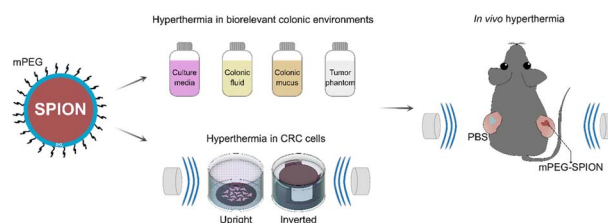
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Flame-made nanoparticles for magnetic hyperthermia and MRI in colorectal cancer theranostics

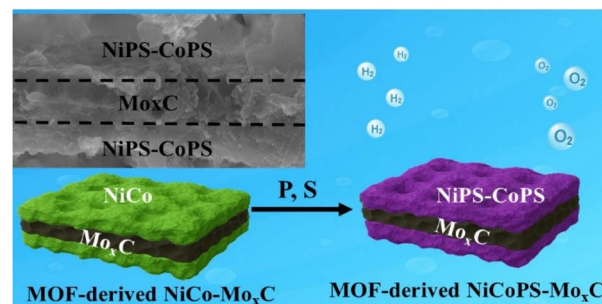
Yuming Zhang, Christina Paraskeva, Qianying Chen, Anano Maisuradze, Shaquib Rahman Ansari, Tapati Sarkar, Vasiliki Koliarakis and Alexandra Teleki*



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Molybdenum carbide supported metal-organic framework-derived Ni, Co phosphosulphide heterostructures as efficient OER and HER catalysts

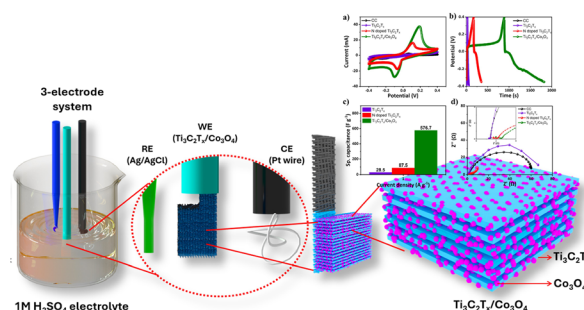
Muhammad Ahsan Naseeb, Maida Murtaza, Komal Farooq, Waqas Ali Shah* and Amir Waseem*



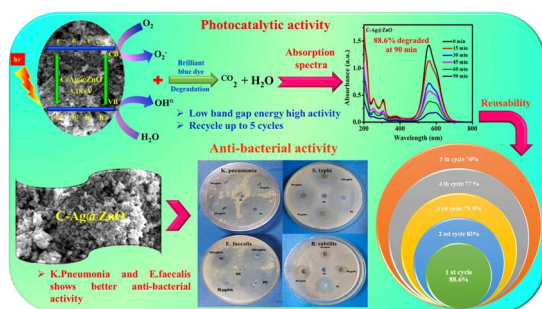
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Electrochemical investigation of $Ti_3C_2T_x$ (MXene), $N-Ti_3C_2T_x$, and the $Ti_3C_2T_x/Co_3O_4$ hybrid composite deposited on carbon cloth for use as anode materials in flexible supercapacitors

Lan Nguyen, Adnan Ali,* Brahim Aissa, Sosiawati Teke, Roshan Mangal Bhattarai, Avik Denra, Oai Quoc Vu and Young Sun Mok*



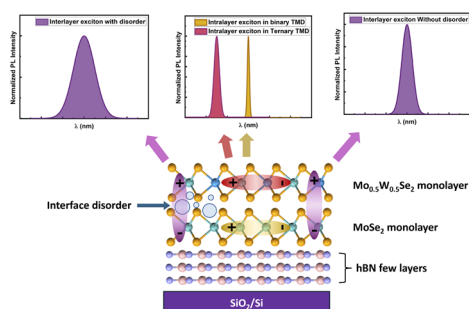
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Novel self-assembled valine-derived carbon-supported Ag@ZnO optical materials for enhanced photodegradation and anti-bacterial activity

P. R. Nithiasri, J. Aarthi and B. Karthikeyan*

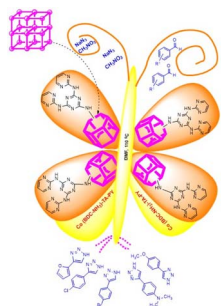
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Influence of interface dielectric disorder on interlayer excitons in mixed binary/ternary TMD heterostructures

Mohammed Adel Aly, Emmanuel Oghenevo Enakerakpor, Hilary Masenda and Martin Koch*

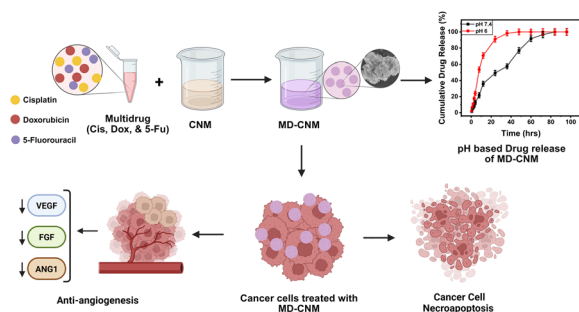
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Triazoles synthesis using nanocatalyst triazine-pyrimidine-modified cobalt-based metal-organic frameworks

Mahtab Amirian, Ramin Ghorbani-Vaghei* and Sedigheh Alavinia

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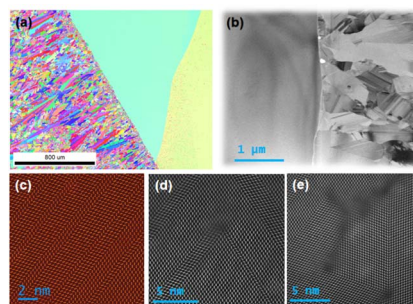
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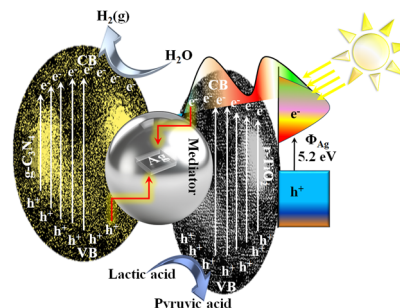
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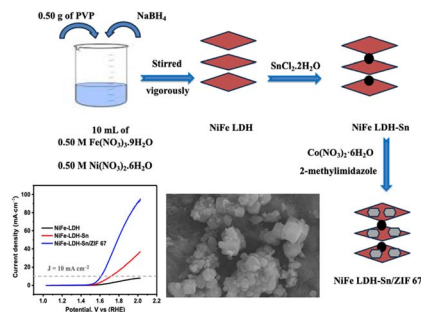
Kashaf Ul Sahar, Khezina Rafiq,* Muhammad Zeeshan Abid, Ubaid Ur Rehman, Talib K. Ibrahim, Abdul Rauf and Ejaz Hussain*



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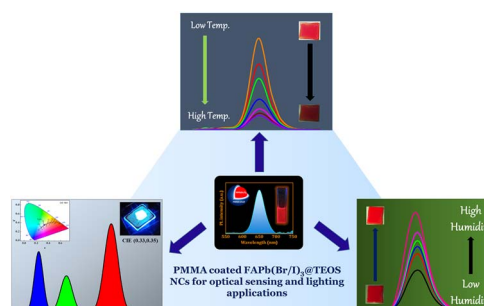
Rana Ahmed, Abeer Enaiet Allah, Ahmed A. Farghali, Waleed M. A. El Rouby and Abdalla Abdelwahab*



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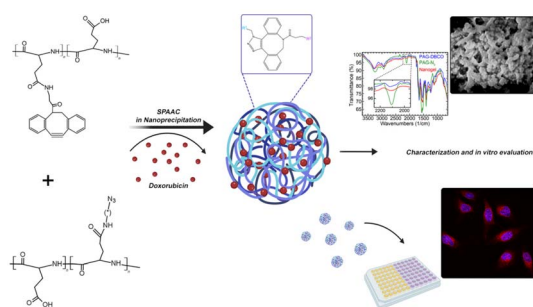
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Kajol Sahoo, Latika Juneja, Ramakanta Naik and Saikat Bhaumik*



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Pasquale Mastella,* Aldo Moscardini, Andrea Guerrini and Stefano Luin

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Expression of concern: 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*

