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IN THIS ISSUE

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Cover

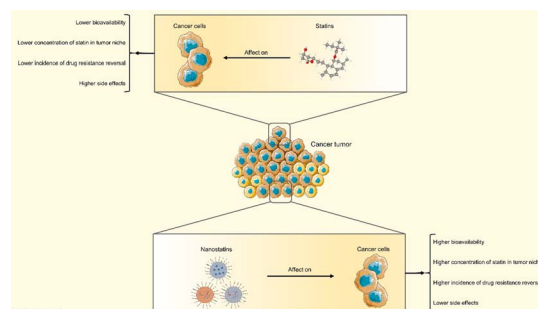
See Sherine O. Obare, Anthony L. Dellinger *et al.*, pp. 5833–5852. Image reproduced by permission of Anthony L. Dellinger from *Nanoscale Adv.*, 2024, 6, 5833. Image created using Adobe Firefly's generative AI platform, Adobe Inc.

REVIEWS

5748

Nanomedicine marvels: crafting the future of cancer therapy with innovative statin nano-formulation strategies

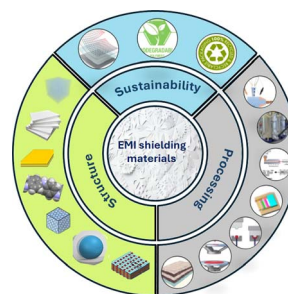
Ashkan Karimi Jirandehi, Reza Asgari, Sanaz Keshavarz Shahbaz* and Nima Rezaei



5773

A review on recent progress in polymer composites for effective electromagnetic interference shielding properties – structures, process, and sustainability approaches

Rajesh Kumar Bheema, Gopu J, Krithika Bhaskaran, Akshat Verma, Murthy Chavali and Krishna Chaitanya Etika*



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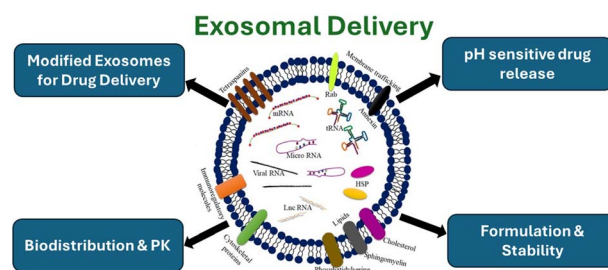
Fundamental questions
Elemental answers

REVIEWS

5803

A comprehensive review of challenges and advances in exosome-based drug delivery systems

Sushesh Srivatsa Palakurthi, Brijesh Shah, Sumedha Kapre, Nitin Charbe, Susan Immanuel, Sindhura Pasham, Maharshi Thalla, Ankit Jain and Srinath Palakurthi*

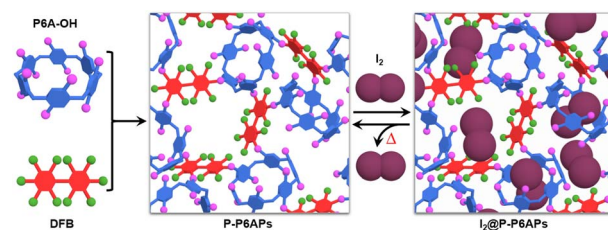


COMMUNICATION

5827

Porous pillar[6]arene-based polymers for reversible iodine capture

Shujie Lin, Ziliang Zhang, Di Gao, Longming Chen, Chengyang Tian, Junyi Chen* and Qingbin Meng*

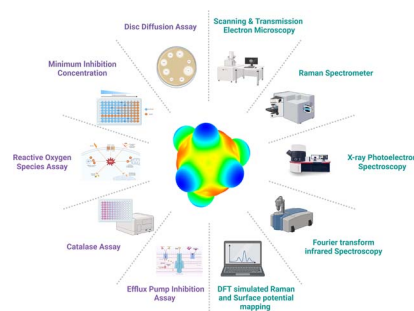


PAPERS

5833

A rapid one-step synthesis of silver and copper coordinated chlorine functionalized fullerene nanoparticles with enhanced antibacterial activity

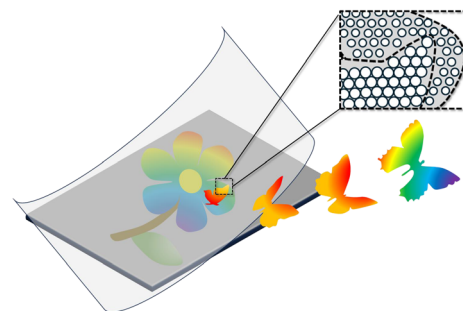
Abed Alqader Ibrahim, Tariq Khan, Kyle Nowlin, Jared Averitt, Gayani Pathiraja, Dennis LaJeunesse, Sherine O. Obare* and Anthony L. Dellinger*



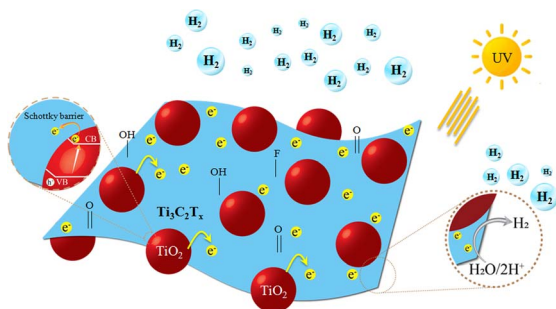
5853

Anti-counterfeiting labels of photonic crystals with versatile structural colors

Nguyen Hoang Minh, Kwanoh Kim, Do Hyun Kang, Yeong-Eun Yoo and Jae Sung Yoon*



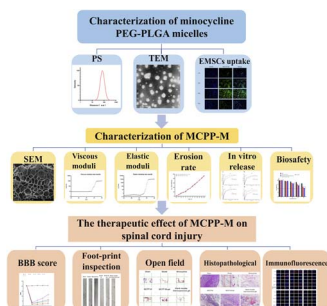
5861



Unveiling the potential of MXene-fabricated catalysts: an effective approach for H₂ generation from water splitting

Muhammad Zeeshan Abid, Khezina Rafiq,* Abdul Rauf and Ejaz Hussain*

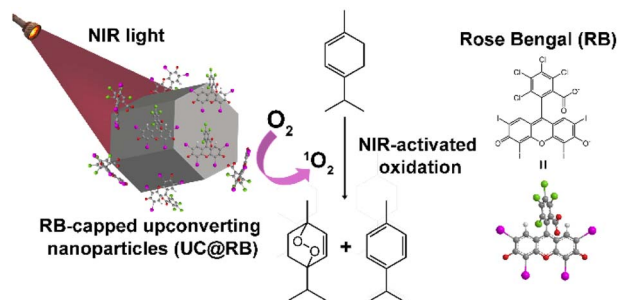
5874



Preparation of a minocycline polymer micelle thermosensitive gel and its application in spinal cord injury

Jun Gu, Xiaohu Cai, Faisal Raza, Hajra Zafar, Bo Chu, Haitao Yuan, Tianqi Wang, Jiapeng Wang and Xiaojun Feng*

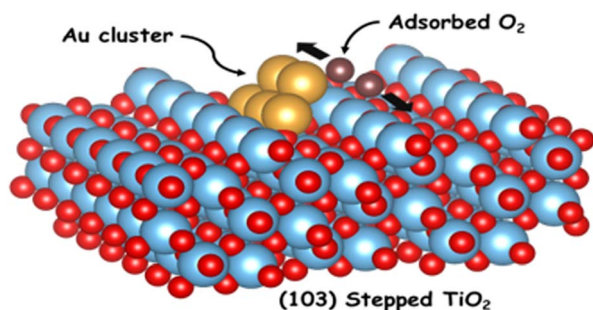
5889



NIR-triggered photooxygenation of α -terpinene with upconversion nano-hybrids

Laura Francés-Soriano, Delia Bellezza, Juan Ferrera-González, María González-Béjar* and Julia Pérez-Prieto*

5897



Tailoring surface morphology on anatase TiO₂ supported Au nanoclusters: implications for O₂ activation

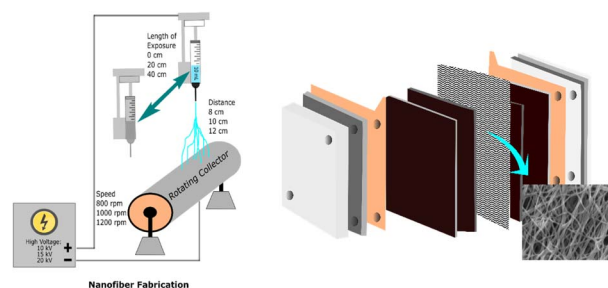
Muhammed Fasil Puthiyaparambath, Julian Ezra Samuel and Raghu Chatanathodi*



5909

Fabricating ultra-thin nanofiber structures towards the advanced MEA of fuel cells: investigation of the degree of alignment, diameter, bead generation, and precision with Taguchi designs

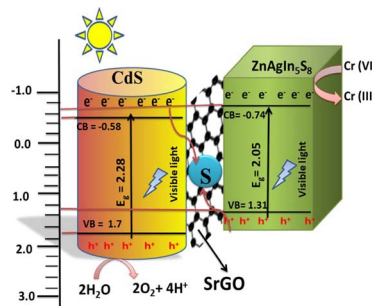
Muhammad Yusro* and Viktor Hacker



5925

Synergistic effect of Zn-AgIn₅S₈/CdS Z-scheme heterojunction and S-doped rGO for efficient removal of chromium from contaminated water

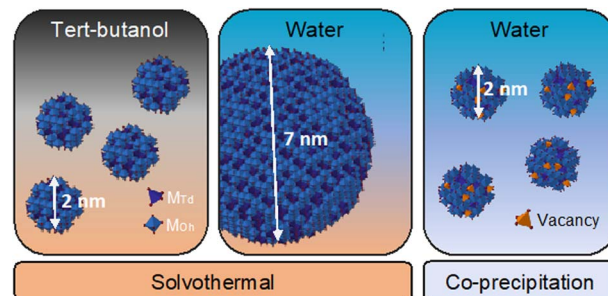
Soumya Mishra, Naresh Kumar Sahoo,* Prasanta Kumar Sahoo, Satyanjib Sahoo, Prangya Ranjan Rout and Goutam Rath



5939

Effect of solvothermal synthesis parameters on the crystallite size and atomic structure of cobalt iron oxide nanoparticles

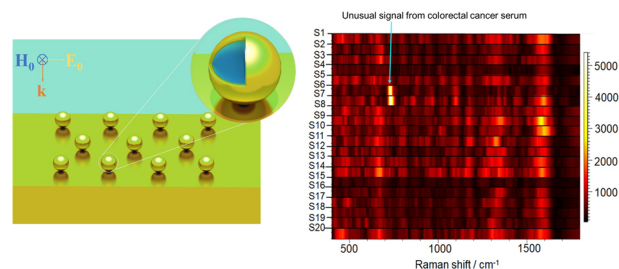
Olivia Aalling-Frederiksen, Rebecca K. Pittkowski, Andy S. Anker, Jonathan Quinson, Lars Klemeyer, Benjamin A. Frandsen, Dorota Koziej and Kirsten M. Ø. Jensen*



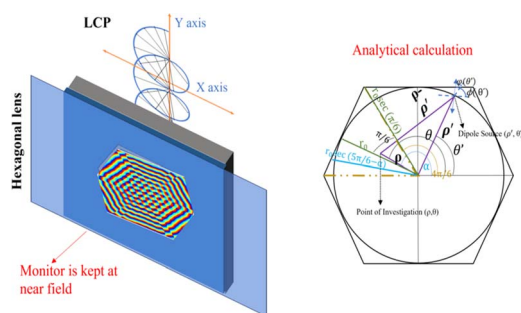
5949

Fano enhancement of SERS for rapid early diagnosis of colorectal cancer

Tianxun Gong, Zhenjiang Wei, Libin Huang, Yan Hong, Yuan Li, Ke-ling Chen, Wen Huang, Xiaojing Zhong, Jinzhao He, Ming-Yi Lee, En-Chi Chang, Kien Voon Kong,* Xiaosheng Zhang* and Zongguang Zhou*



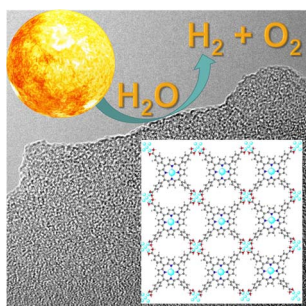
5960



Optimization of a plasmonic lens structure for maximum optical vortices induced on Weyl semimetal surface states

Ritwik Banerjee and Tanmoy Maiti*

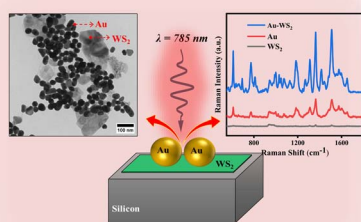
5971



Photocatalytic activity of a 2D copper porphyrin metal-organic framework for visible light overall water splitting

Andrés Usategui-Linares, Horatiu Szalad, Josep Albero* and Hermenegildo García*

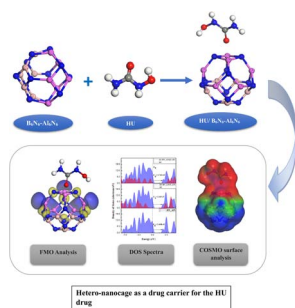
5978



Highly sensitive label-free biomolecular detection using Au-WS₂ nanohybrid based SERS substrates

Om Prakash, Abhijith T, Priya Nagpal, Vivekanandan Perumal, Supravat Karak, Udai B. Singh and Santanu Ghosh*

5988



Understanding the adsorption performance of hetero-nanocages (C₁₂-B₆N₆, C₁₂-Al₆N₆, and B₆N₆-Al₆N₆) towards hydroxyurea anticancer drug: a comprehensive study using DFT

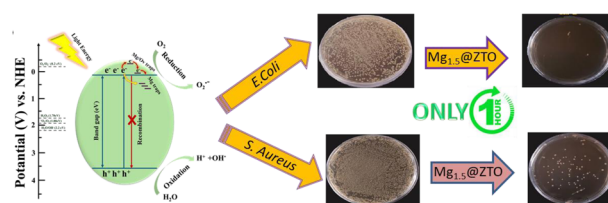
Mithila Roy Swarna, Mehedi Hasan Opi, Tanvir Ahmed, Afiya Akter Piya, Umme Habiba and Siraj Ud Daula Shamim*



6008

Ternary zinc–tin–oxide nanoparticles modified by magnesium ions as a visible-light-active photocatalyst with highly strong antibacterial activity

Alaa Kamo, Ozlem Ates Sonmezoglu and Savas Sonmezoglu*



6019

Monolayers $\text{Sn}_2\text{Te}_2\text{X}_4$ ($\text{X} = \text{P}, \text{As}$) as promising materials for photocatalytic water splitting and flexible devices: a DFT study

Dat D. Vo, Tuan V. Vu, A. I. Kartamyshev, Thi H. Ho and Nguyen N. Hieu*

