Nanoscale Advances

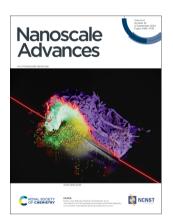
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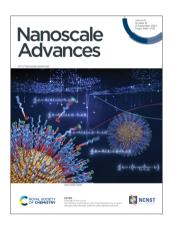
IN THIS ISSUE

ISSN 2516-0230 CODEN NAADAI 6(18) 4495-4726 (2024)



Cover

See Henry Lee, Barbara Rothen-Rutishauser et al., pp. 4572-4582. Image reproduced by permission of Barbara Rothen-Rutishauser from Nanoscale Adv... 2024, 6, 4572.



Inside cover

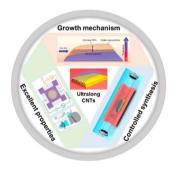
See Hideyuki Mitomo et al., pp. 4583-4590. Image reproduced by permission of Hideyuki Mitomo from Nanoscale Adv., 2024, 6, 4583.

REVIEWS

4504

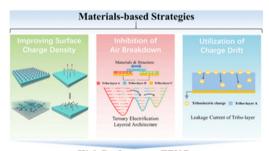
Controlled synthesis, properties, and applications of ultralong carbon nanotubes

Kangkang Wang, Fei Wang, Qinyuan Jiang, Ping Zhu, Khaixien Leu and Rufan Zhang*



A review of material design for high performance triboelectric nanogenerators: performance improvement based on charge generation and charge loss

Xiaochuan Li, Qianxi Yang, Dahu Ren, Qianying Li, Huake Yang, Xuemei Zhang and Yi Xi*



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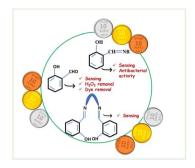
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REVIEWS

4545

Recent applications of coinage metal nanoparticles passivated with salicylaldehyde and salicylaldehydebased Schiff bases

Mamta Sahu, Mainak Ganguly* and Priyanka Sharma

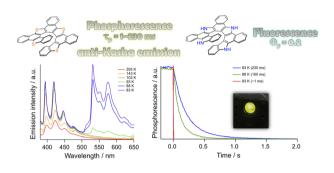


COMMUNICATION

4567

Impacts of heteroatom substitution on the excited state dynamics of π -extended helicenes

Yuto Kondo, Yusuke Tsutsui,* Yusuke Matsuo, Takayuki Tanaka* and Shu Seki*

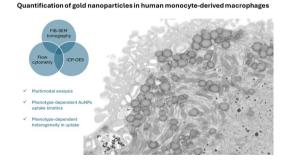


PAPERS

4572

The impact of macrophage phenotype and heterogeneity on the total internalized gold nanoparticle counts

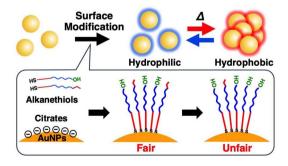
Henry Lee, Dimitri Vanhecke, Sandor Balog, Patricia Taladriz-Blanco, Alke Petri-Fink and Barbara Rothen-Rutishauser*



4583

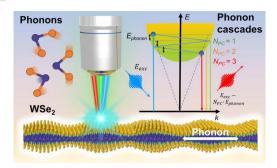
Fair surface modification with mixed alkanethiols on gold nanoparticles through minimal unfair ligand exchange

Kun Xiong, Masaharu Nagayama, Kuniharu Ijiro and Hideyuki Mitomo*



PAPERS

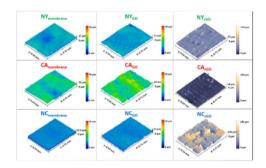
4591



Unveiling the complex phonon nature and phonon cascades in 1L to 5L WSe2 using multiwavelength excitation Raman scattering

Claire Blaga, Ángel Labordet Álvarez, Akshay Balgarkashi, Mitali Banerjee, Anna Fontcuberta i Morral and Mirjana Dimitrievska*

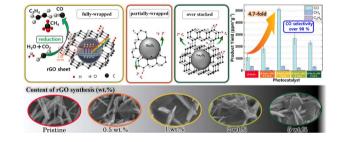
4604



The impact of different flexible substrates on the photothermal reduction quality of graphene oxide

Matheus Guitti Bonando, Gabriel Monte Mór Moreira, Nathália Maria Moraes Fernandes, David Steinberg, Alisson Ronieri Cadore, Cecília de Carvalho Castro Silva and Lúcia Akemi Miyazato Saito*

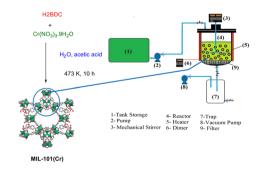
4611



Synergistic augmentation and fundamental mechanistic exploration of β-Ga₂O₃-rGO photocatalyst for efficient CO₂ reduction

Hye-In Jung, Hangyeol Choi, Yu-Jin Song, Jung Han Kim and Yohan Yoon*

4625



Application of MIL-101(Cr) for biofuel dehydration and process optimization using the central composite design method

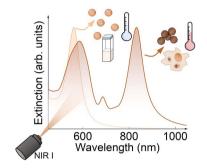
Parya Parak, Ahmad Nikseresht,* Masoud Mohammadi and Mohammad Saeid Emaminia

PAPERS

4635

Finite element modeling of plasmonic resonances in photothermal gold nanoparticles embedded in cells

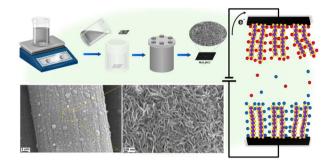
Marina París Ogáyar, Rosalía López-Méndez, Ignacio Figueruelo-Campanero, Tamara Muñoz-Ortiz, Claire Wilhelm, Daniel Jaque, Ana Espinosa* and Aida Serrano*



4647

Optimization and scalability assessment of supercapacitor electrodes based on hydrothermally grown MoS2 on carbon cloth

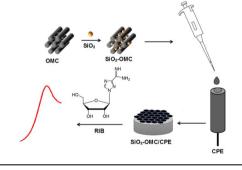
Jasna Mannayil,* Olli Pitkänen,* Minna Mannerkorpi and Krisztian Kordas



4657

An ordered mesoporous carbon-silica hybrid for the detection of the antiviral drug ribavirin in clinical samples

Amir Hosein Ali Naghian, Zahra Hashemi, Fereshteh Chekin* and Na'il Saleh*



4664

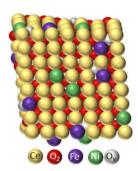
Synergistic antioxidant and antibacterial effects of a Zn-ascorbate metal-organic framework loaded with marjoram essential oil

Rana R. Haikal, Noha El Salakawy, Alaa Ibrahim, Shaimaa L. Ali and Wael Mamdouh*



PAPERS

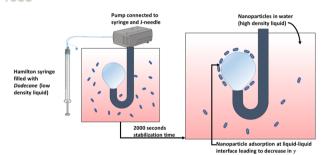
4672



Impact of morphology and oxygen vacancy content in Ni, Fe co-doped ceria for efficient electrocatalyst based water splitting

Abhaya Kumar Mishra, Joshua Willoughby, Shanna L. Estes, Keliann Cleary Kohler and Kyle S. Brinkman*

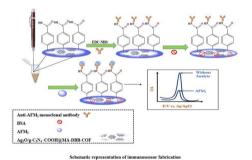
4683



Shape anisotropy induced jamming of nanoparticles at liquid interfaces: a tensiometric study

Chandan Kumar, Suman Bhattacharjee and Sunita Srivastava*

4693

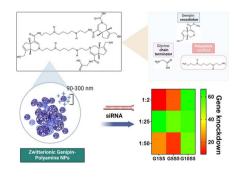


based on a multifunctional Ag₂O/g-C₃N₄@MA-DBB covalent organic framework receptor interface for single-step detection of aflatoxin M₁ in raw milk samples

A field-portable electrochemical immunosensor

Iram Naz, Akhtar Hayat,* Farhat Jubeen,* Sadia Asim and Abida Kausar

4704



Efficient siRNA delivery to murine melanoma cells via a novel genipin-based nano-polymer

Giulia Della Pelle,* Tim Bozic, Marija Vukomanović, Gregor Sersa, Bostjan Markelc and Nina Kostevšek

CORRECTION

4724

Correction: Shape anisotropy induced jamming of nanoparticles at liquid interfaces: a tensiometric study Chandan Kumar, Suman Bhattacharjee and Sunita Srivastava*