

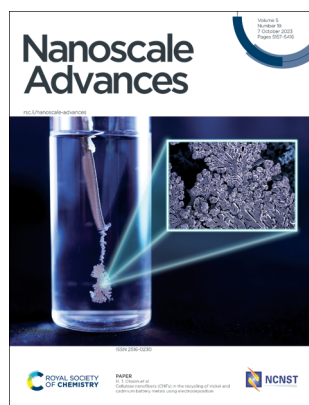
Nanoscale Advances

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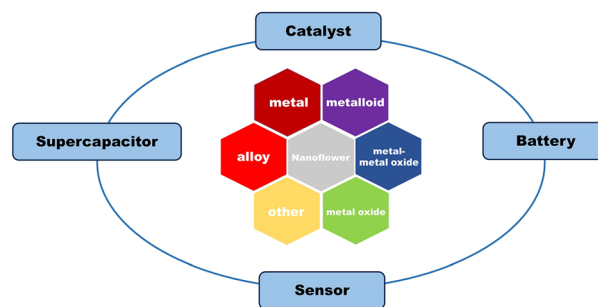
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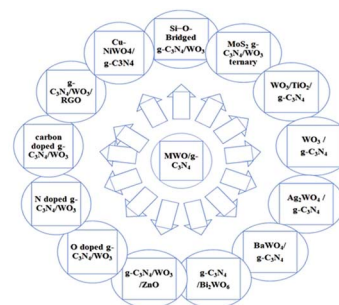
Su Jung Lee, Hongje Jang* and Do Nam Lee*



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Recent advancements in the fabrication and photocatalytic applications of graphitic carbon nitride-tungsten oxide nanocomposites

Muhammad Ikram Nabeel, Dilshad Hussain,*
Naseer Ahmad, Muhammad Najam-ul-Haq
and Syed Ghulam Musharraf*



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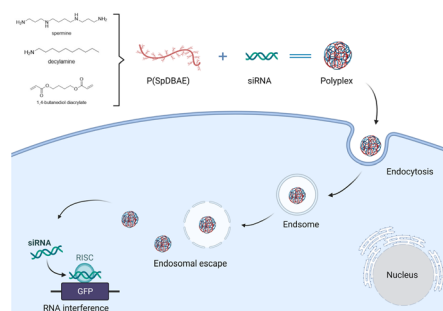
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Synthesis and application of spermine-based amphiphilic poly(β -amino ester)s for siRNA delivery

Yao Jin, Friederike Adams, Anny Nguyen, Sebastian Sturm, Simone Carnerio, Knut Müller-Caspary and Olivia M. Merkel*

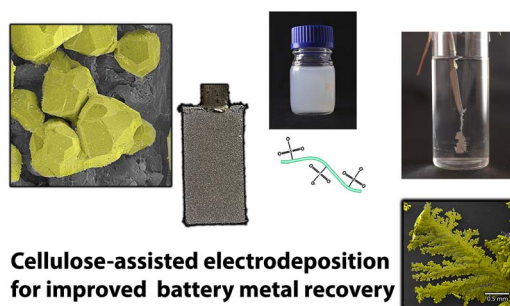


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Cellulose nanofibers (CNFs) in the recycling of nickel and cadmium battery metals using electrodeposition

B. W. Hoogendoorn, O. Karlsson, X. Xiao, A. Pandey, S. E. Mattsson, V. Ström, R. L. Andersson, Y. Li and R. T. Olsson*

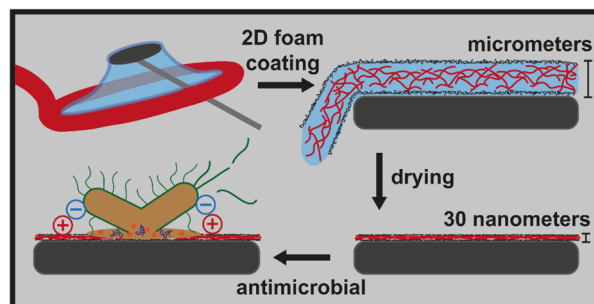


Cellulose-assisted electrodeposition for improved battery metal recovery

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2D foam film coating of antimicrobial lysozyme amyloid fibrils onto cellulose nanopapers

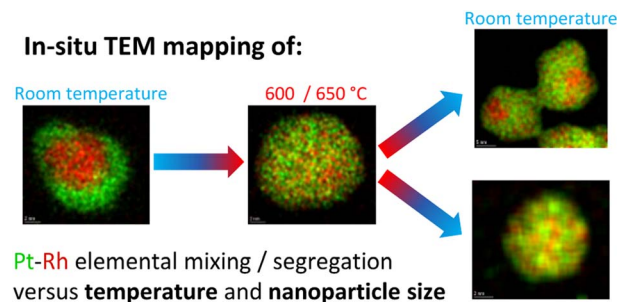
Nico Kummer, Luc Huguenin-Elie, Adrian Zeller, Yashoda Chandorkar, Jean Schoeller, Flavia Zuber, Qun Ren, Ashutosh Sinha, Kevin De France, Peter Fischer, Silvia Campioni* and Gustav Nyström*



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Variable temperature *in situ* TEM mapping of the thermodynamically stable element distribution in bimetallic Pt–Rh nanoparticles

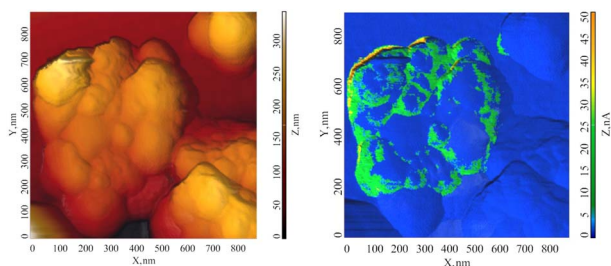
Martin Jensen,* Wallace Kierulf-Vieira, Patricia J. Kooyman and Anja O. Sjästad*



Pt-Rh elemental mixing / segregation versus temperature and nanoparticle size



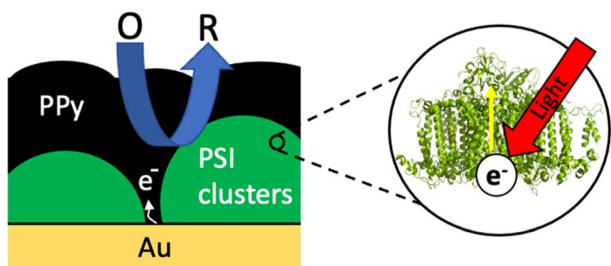
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Dieudonné Niyonkuru, Anthony Camus, Manuel Reali, Zhaojing Gao, Daniel M. Shadrack, Oleg Butyaev, Marko Surtchev and Clara Santato*

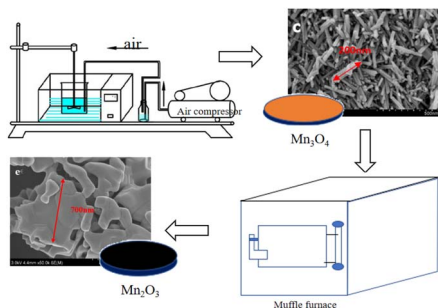
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Photoactive and conductive biohybrid films by polymerization of pyrrole through voids in photosystem I multilayer films

Joshua M. Passantino, Blake A. Christiansen, Marc A. Nabhan, Zane J. Parkerson, Tyler D. Oddo, David E. Cliffel and G. Kane Jennings*

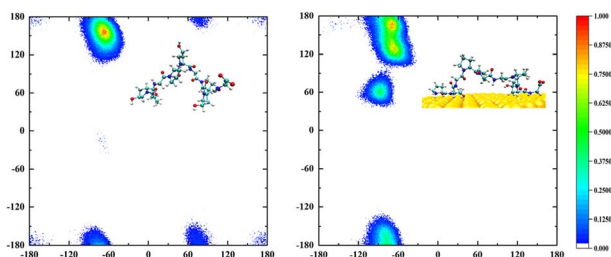
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The effects of calcination on the electrochemical properties of manganese oxides

Xinyu Dong, Haifeng Wang, Jiawei Wang,* Yue He, Pan Yang, Song Wang, Xiaoliang Chen, Chunyuan Yang and Fanghai Lu

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Characterizing polyproline II conformational change of collagen superhelix unit on adsorption on gold surface

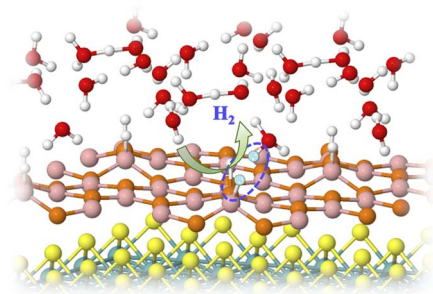
Yuntao Li, Jinrong Yang* and Xiao He*



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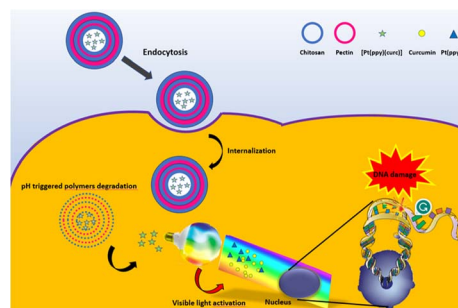
Arunima Singh,^{*} Manjari Jain, Preeti Bhumla and Saswata Bhattacharya^{*}



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Synthesis of a light-responsive platinum curcumin complex, chemical and biological investigations and delivery to tumor cells by means of polymeric nanoparticles

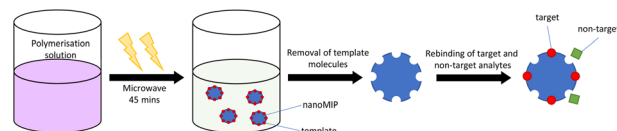
Viviana Vergaro,^{*} Maria Michela Dell'Anna, Hamid R. Shahsavari, Francesca Baldassarre, Danilo Migoni, Piero Mastrorilli, Francesco Paolo Fanizzi and Giuseppe Ciccarella^{*}



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A rapid synthesis of molecularly imprinted polymer nanoparticles for the extraction of performance enhancing drugs (PIEDs)

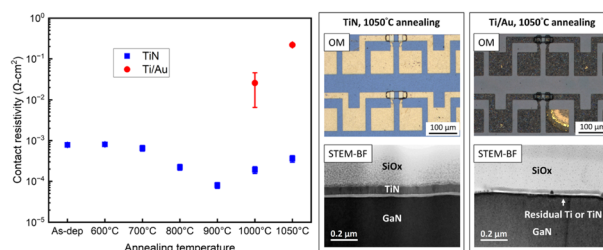
Mark V. Sullivan,^{*} Connor Fletcher, Rachel Armitage, Chester Blackburn and Nicholas W. Turner^{*}



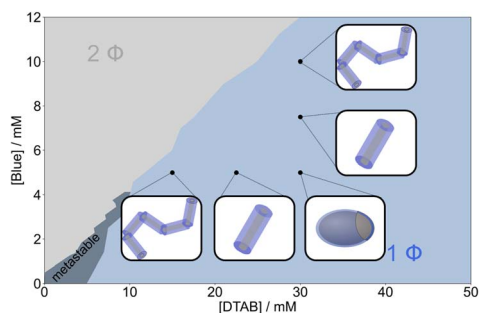
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A high thermal stability ohmic contact for GaN-based devices

Chia-Yi Wu, Tien-Sheng Chao and Yi-Chia Chou^{*}



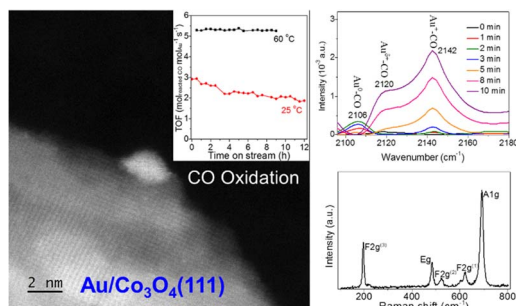
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SANS contrast matching for the unambiguous localization of anionic dye in cationic surfactant micelles

Wenke Müller,* Ralf Schweins, Bernd Nöcker, Hans Egold, Yvonne Hannappel and Klaus Huber

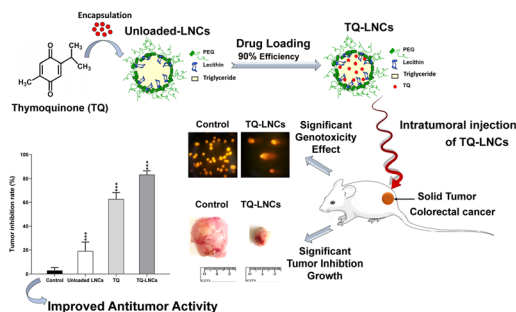
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Robust 2 nm-sized gold nanoclusters on Co_3O_4 for CO oxidation

Quanquan Shi,* Zhiwen Li, Changhai Cao, Gao Li* and Sami Barkaoui*

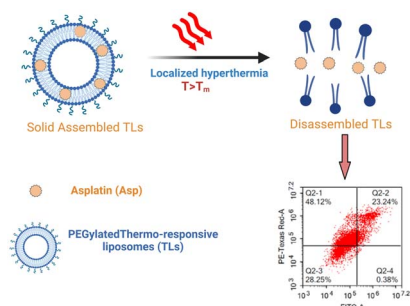
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Thymoquinone-loaded lipid nanocapsules with promising anticancer activity for colorectal cancer

Mouna Selmi, Abir Salek, Mahassen Barboura, Leila Njim, Amine Trabelsi, Aida Lahmar, Nolwenn Lautram, Emilie Roger, Tarek Baati* and Leila chekir Ghedira

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Box-Behnken design of thermo-responsive nano-liposomes loaded with a platinum(IV) anticancer complex: evaluation of cytotoxicity and apoptotic pathways in triple negative breast cancer cells

Nada K. Sedky, Maria Braoudaki, Noha Khalil Mahdy, Kenzy Amin, Iten M. Fawzy, Eleni K. Efthimiadou, Rana A. Youness and Sherif Ashraf Fahmy*

