

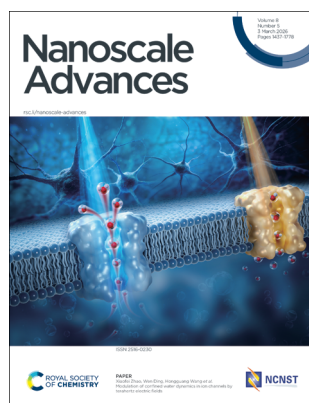
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See Xiaofei Zhao, Wen Ding, Hongguang Wang *et al.*, pp. 1512–1521. Image reproduced by permission of Hongguang Wang from *Nanoscale Adv.*, 2026, 8, 1512.

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Introduction to carbon nanoarchitectonics for advanced applications in energy, environment and bio

Katsuhiko Ariga,* Lok Kumar Shrestha and Qingmin Ji

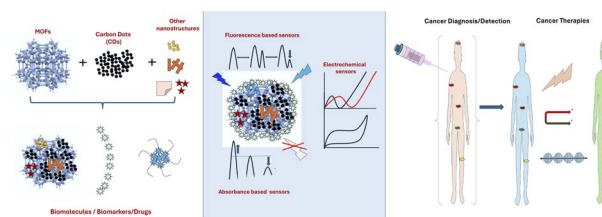


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Tania P. Brito,* Leonel Llanos and Dinesh P. Singh*



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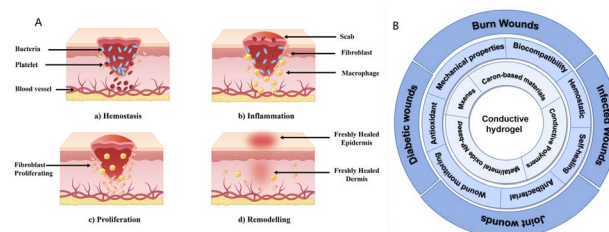
Fundamental questions
Elemental answers

REVIEWS

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Yun Lv, Yuting Li, Yueshuai Pan, Qianqian Li, Changfang Shi, Ruting Gu* and Lili Wei*

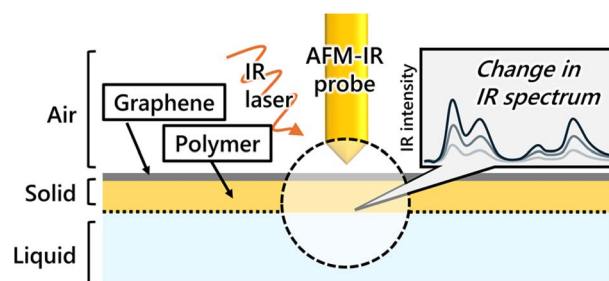


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Atomic force microscopy-based photothermal infrared microscopy for aqueous environments using graphene-based microfluidic cells

Yasuhiko Fujita,* Mariko Takahashi and Hirohmi Watanabe

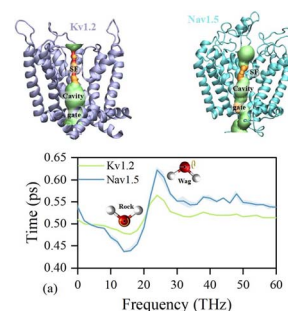


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Modulation of confined water dynamics in ion channels by terahertz electric fields

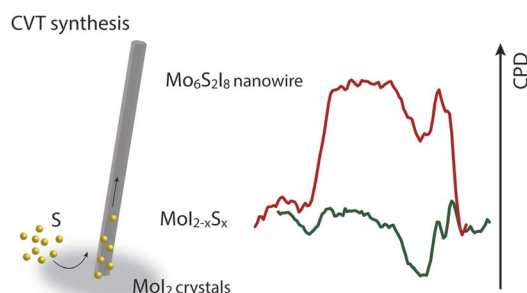
Xiaofei Zhao, Wen Ding, Hongguang Wang,* Yongdong Li and Chunliang Liu



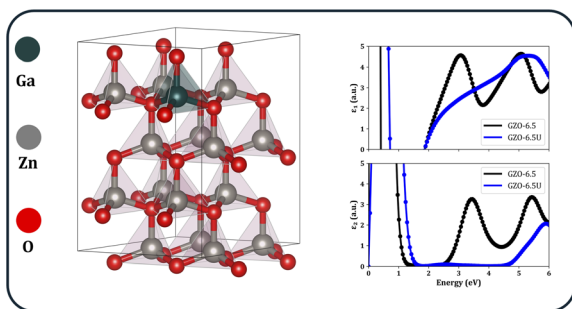
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Anja Pogačnik Krajnc,* Janez Jelenc, Luka Pirker, Srečo D. Škapin and Maja Remškar



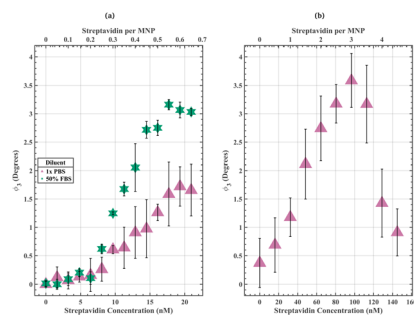
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Gallium-doped zinc oxide semiconductor nanoparticles for plasmonic applications: a combined experimental and computational study

Naga Venkateswara Rao Nulakani, Yiqiang Chen, Alessandro Genovese, Rachid Sougrat and Dalaver Hussain Anjum*

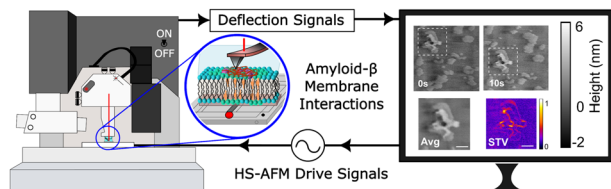
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Gabrielle Moss,* Christian Knopke and Solomon G. Diamond

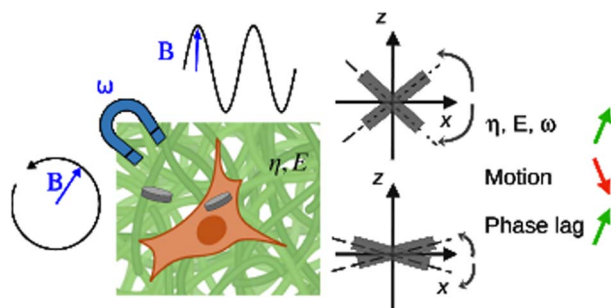
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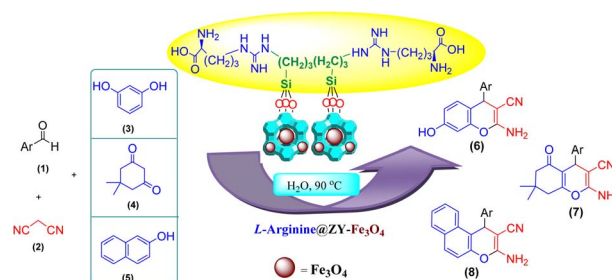
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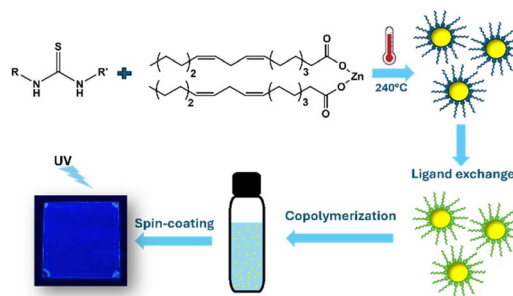
Mehdi Kalhor* and Samira Zebardast



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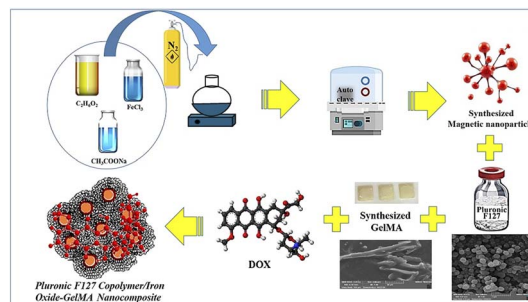
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Synthesis of Pluronic F127 copolymer/iron oxide–GelMA nanocomposite for doxorubicin drug delivery

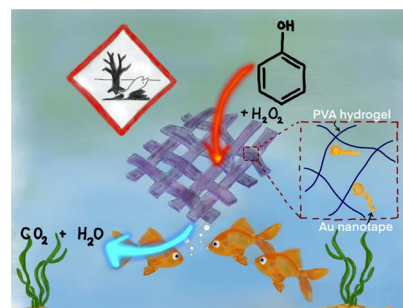
Reza Davarnejad,* Kimia Haghighatnejad, Omid Sartipzadeh Hematabad, Zahra Mohammadpour,* Majid Komijani and John F. Kennedy



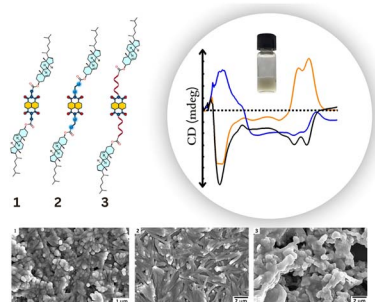
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Atomically thin gold embedded in inkjet-printed PVA hydrogels: flexible catalysts for ambient phenol degradation

Nizzy James, Sean Collins, Quentin Ramasse, Kevin Critchley and Stephen D. Evans*



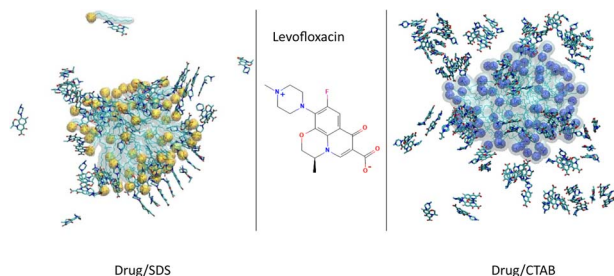
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Unravelling the interplay between structures, self-assembly patterns, AIEE and chiroptical properties of NDI-bis-cholesteryl systems

Gargee Roy, Aakash Ravikant Likhar and Deepak Asthana*

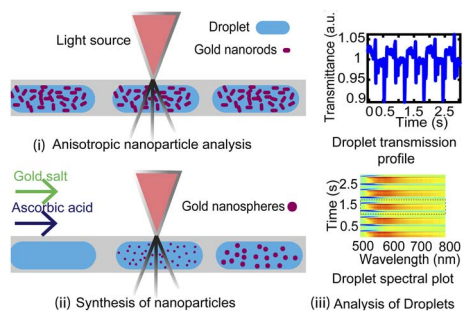
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Levofloxacin-loaded surfactant nanocarriers: a computational study

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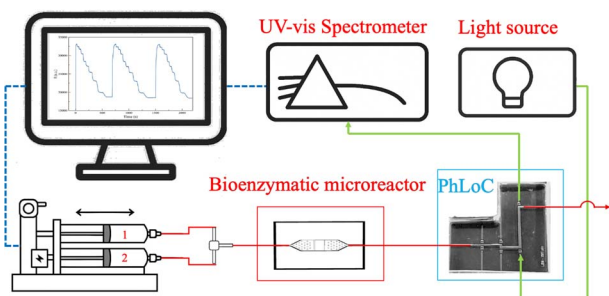
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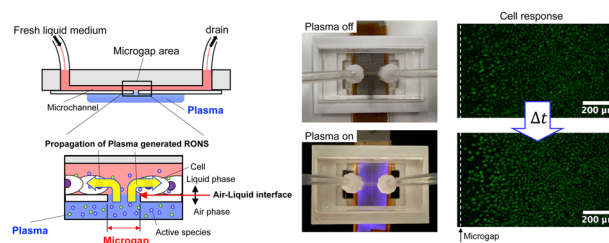
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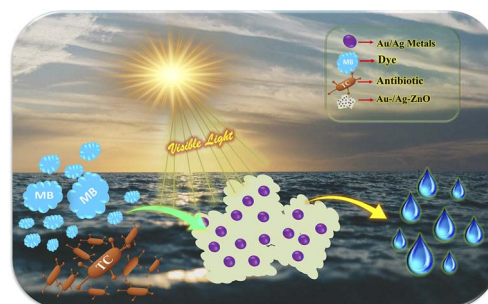
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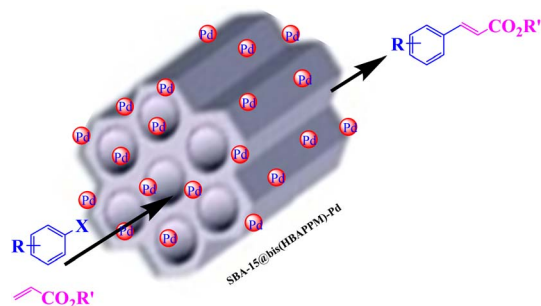
Asha Kumawat, Sunil Chichholiya, Mamta Devi Sharma, Poonam Kumari, Rajesh Kumar Meena and Pragati Fageria*



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A supported palladium Schiff-base complex on SBA-15 as a reusable supported catalyst in the Heck coupling reaction

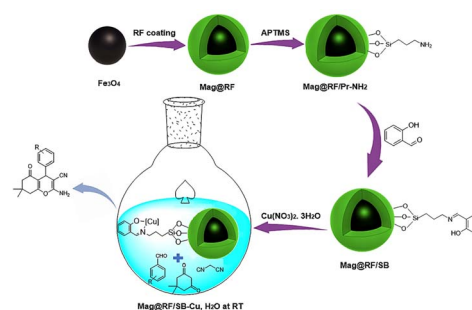
Amin Darabi, Mohsen Nikoorazm* and Bahman Tahmasbi*



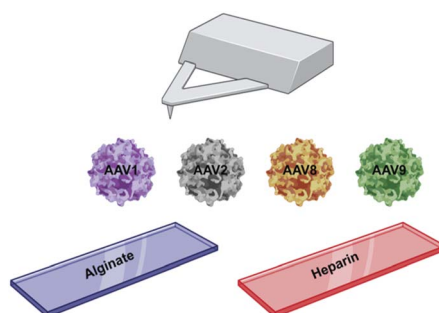
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Magnetic resorcinol-formaldehyde supported Schiff-base/Cu as a robust and recoverable nanocatalyst for the synthesis of tetrahydrobenzo[b]pyrans

Parivash Bazmayon, Dawood Elhamifar* and Shiva Kargar



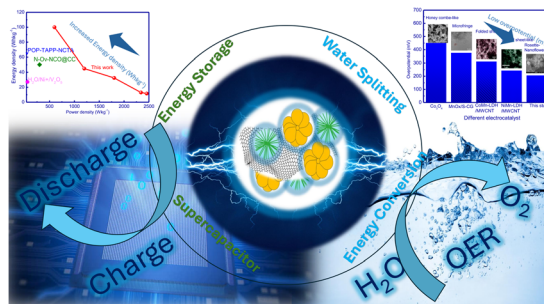
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Characterization of adeno-associated virus binding to alginate and its controlled release

John J. Amante, James R. Mandeville, Hannah Hargrove, Xiaohui Frank Zhang and Cathal J. Kearney

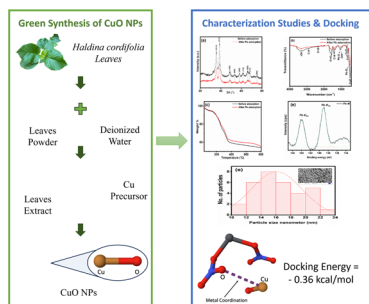
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