

# Materials Advances

An open access journal publishing across the breadth of materials science

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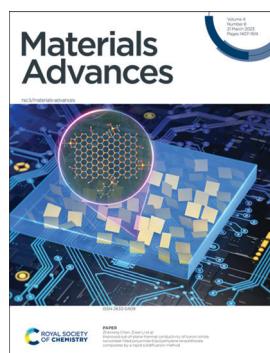
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ISSN 2633-5409 CODEN MAADC9 4(6) 1407–1614 (2023)



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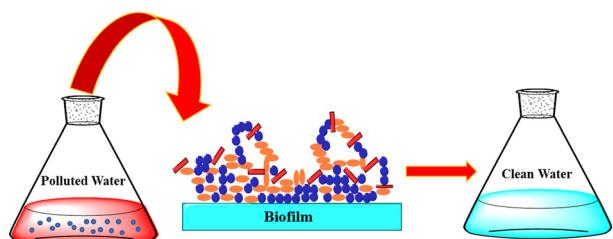
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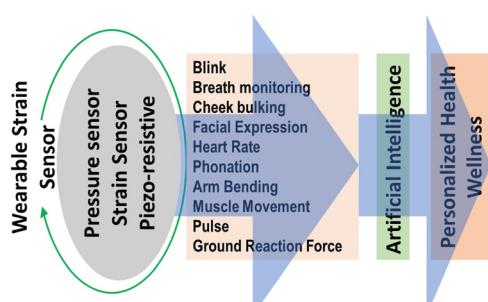
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Materials Advances (electronic: ISSN 2633-5409) is published 24 times a year by the Royal Society of Chemistry, Thomas Graham House, Science Park, Milton Road, Cambridge, UK CB4 0WF.

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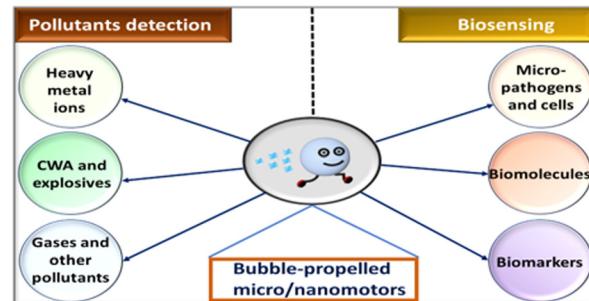


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## Bubble-propelled micro/nanomotors: a robust platform for the detection of environmental pollutants and biosensing

Suvendu Kumar Panda, Nomaan Alam Kherani, Srikanta Debata and Dhruv Pratap Singh\*

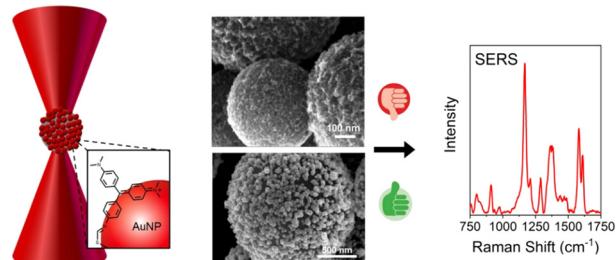


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## Microsphere-supported gold nanoparticles for SERS detection of malachite green

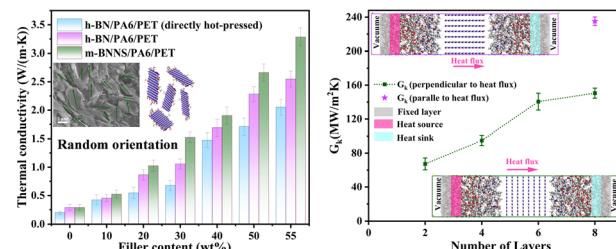
David T. Hinds, Samir A. Belhout, Paula E. Colavita, Andrew D. Ward and Susan J. Quinn\*



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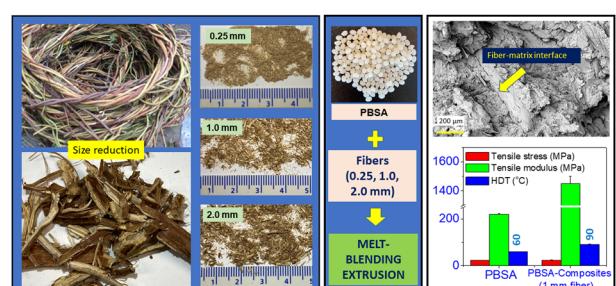
Qingchong Xu, Zhenxing Chen,\* Xinxin Li, Jiaxin Hu, Yanling Liao, Yongfeng Liu, Long Li, Shiyang Wei and Ziwei Li\*



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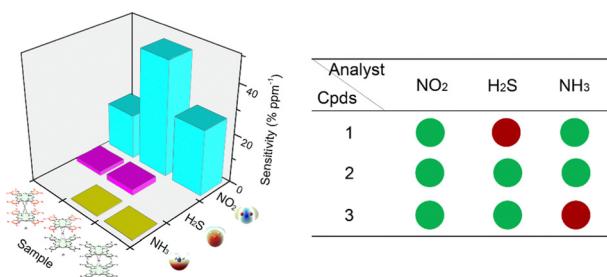
## Hop natural fiber-reinforced poly(butylene succinate-co-butylene adipate) (PBSA) biodegradable plastics: effect of fiber length on the performance of biocomposites

Nicole Harder, Arturo Rodriguez-Uribe, Michael R. Snowdon, Manjusri Misra\* and Amar K. Mohanty



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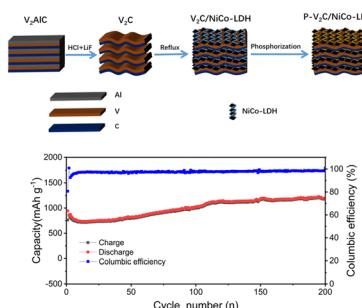
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Xia Kong, Ekaterina N. Tarakanova, Xiaoli Du, Larisa G. Tomilova and Yanli Chen\*

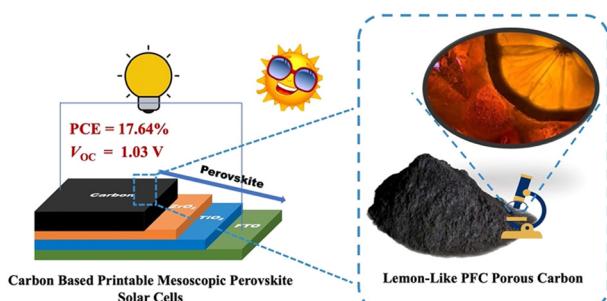
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**Constructing P-doped self-assembled  $\text{V}_2\text{C}$  MXene/NiCo-layered double hydroxide hybrids toward advanced lithium storage**

Xi Guo, Li Li,\* Shuo Wang, Jian Shen, Yanan Xu\* and Bingqiang Cao

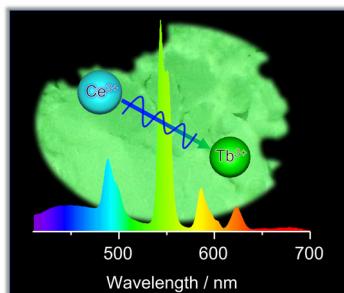
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Masato Iwaki,\* Haruto Sato, Mizuki Watanabe,\* Kazuyoshi Uematsu, Mineo Sato and Kenji Toda

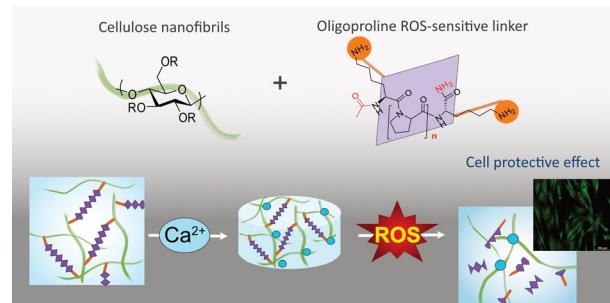


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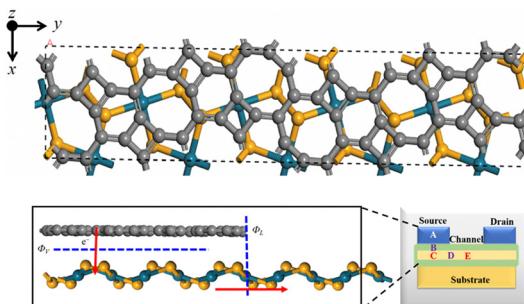
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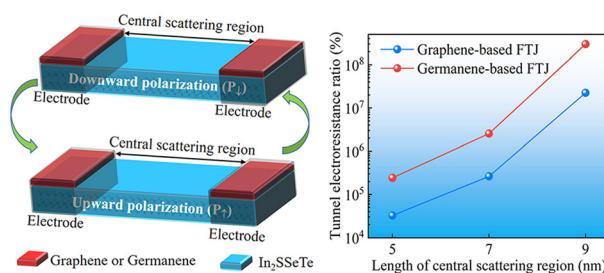
Muhammad Azhar Nazir, Yiheng Shen, Arzoo Hassan and Qian Wang\*



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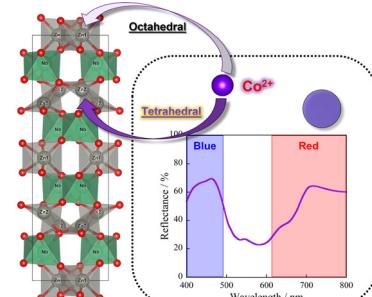
Zhou Cui, Ting Li, Rui Xiong, Cuilian Wen,\* Yinggan Zhang, Jingying Zheng, Bo Wu and Baisheng Sa\*



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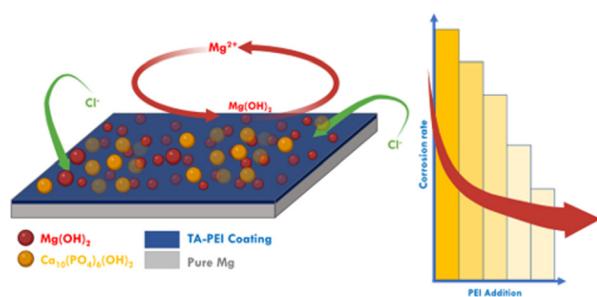
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Kazuki Ohnishi, Ryohei Oka,\* Yuga Nomura and Toshiyuki Masui\*



## PAPERS

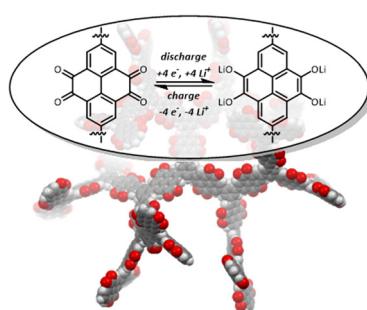
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