

# Materials Advances

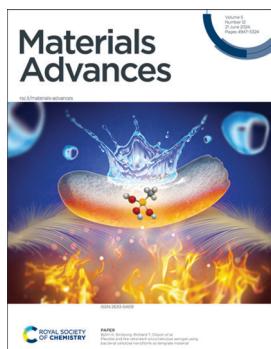
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### Cover

See Björn K. Birdsong, Richard T. Olsson et al., pp. 5041–5051.  
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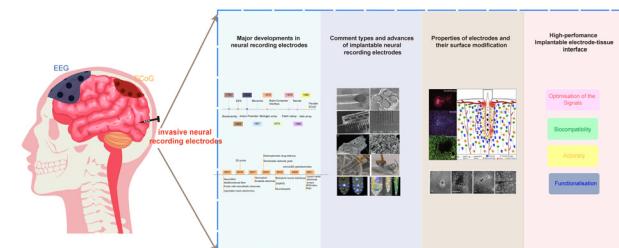
See Alireza Mashaghi et al., pp. 5025–5035.  
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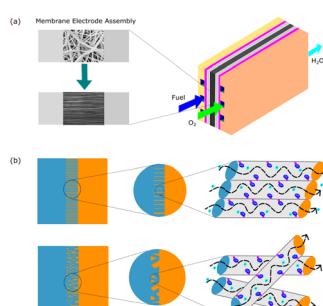
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Muhammad Yusro\* and Viktor Hacker



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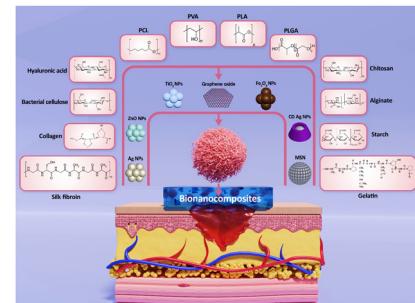
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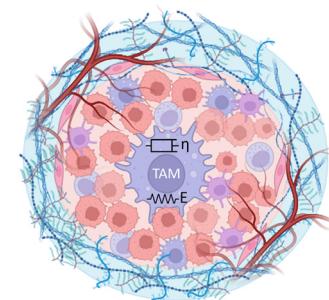


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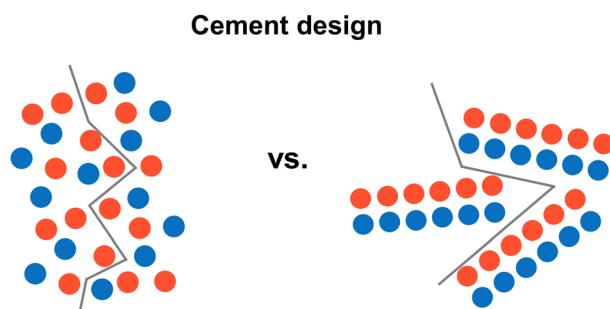
Tom M.J. Evers, Antoinette van Weverwijk, Karin E. de Visser and Alireza Mashaghi\*



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Hoang Nguyen\* and Paivo Kinnunen

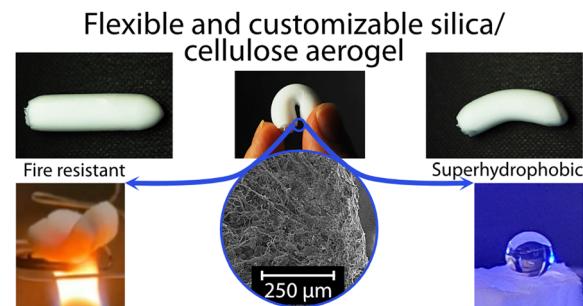


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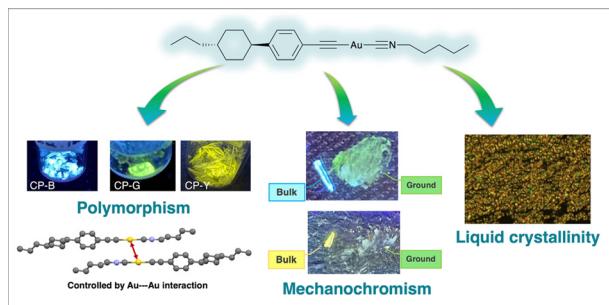
**Flexible and fire-retardant silica/cellulose aerogel using bacterial cellulose nanofibrils as template material**

Björn K. Birdsong,\* Qiong Wu, Mikael S. Hedenqvist, Antonio J. Capezza, Richard L. Andersson, Anna J. Svagan, Oisik Das, Rhoda Afriyie Mensah and Richard T. Olsson\*



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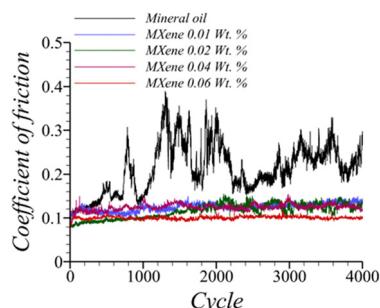
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Andriani Furoida, Misato Daitani, Kohsuke Matsumoto, Kyohei Hisano and Osamu Tsutsumi\*

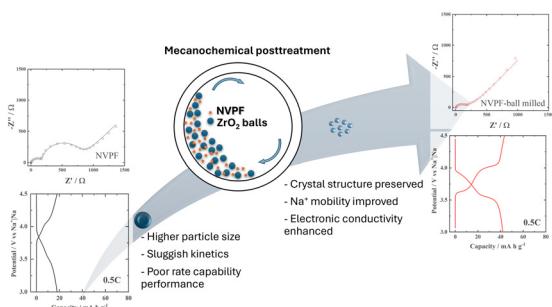
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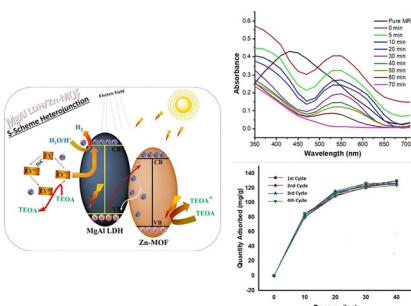
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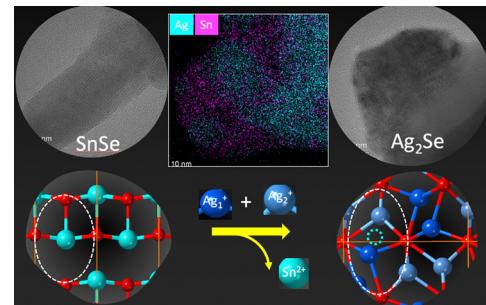


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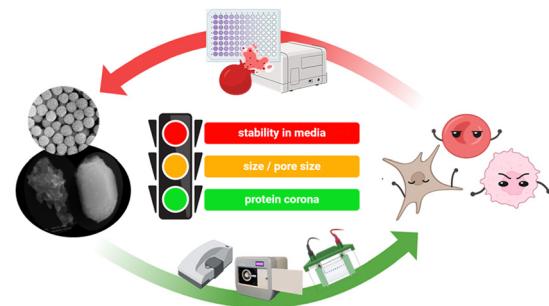
Yiqiao Huang and Pierre F. P. Poudeu\*



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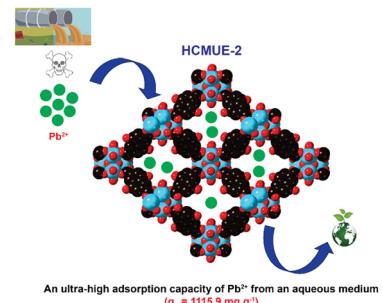
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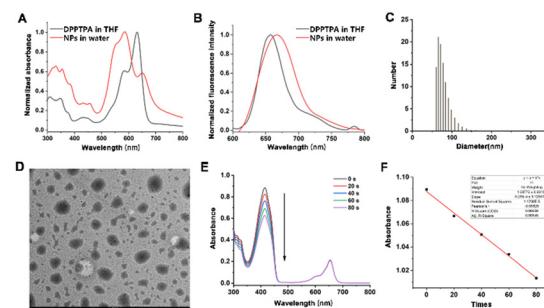
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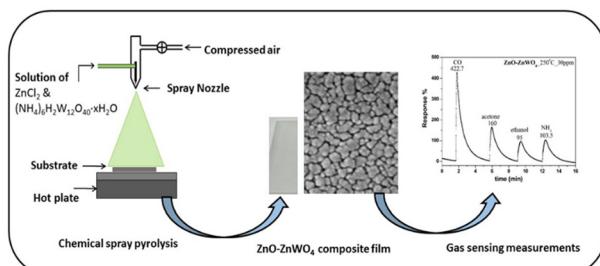
**A triphenylamine functionalized photosensitizer as a promising candidate for osteosarcoma cancer phototheranostics**

Chongchong Yin, Xiaowen Bao, Jiaqi Li, Jianwei Zhu and Jisheng Sui\*



## PAPERS

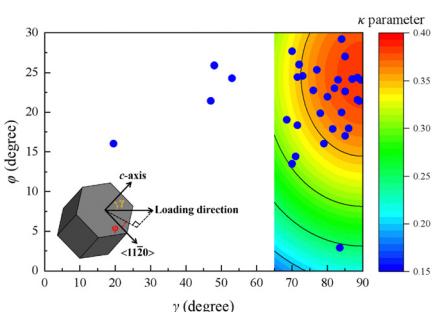
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Mohamed H. Sayed, Tina Dilova, Genoveva Atanasova, Georgi Avdeev, Mostafa Boshta, Anna Og. Dikovska and Mohammed M. Gomaa\*

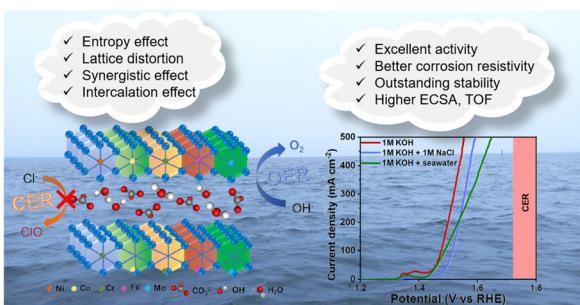
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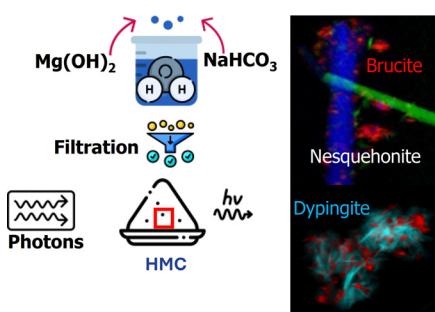
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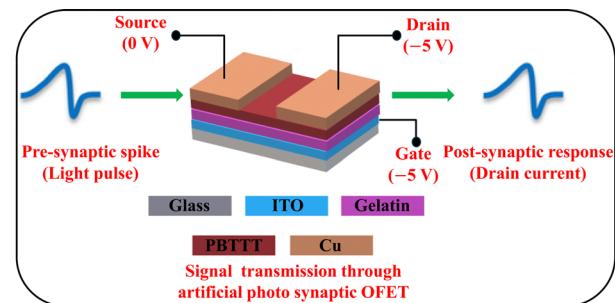


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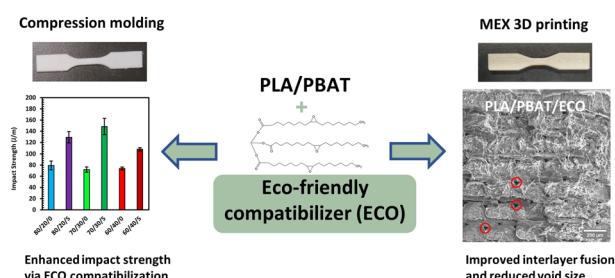
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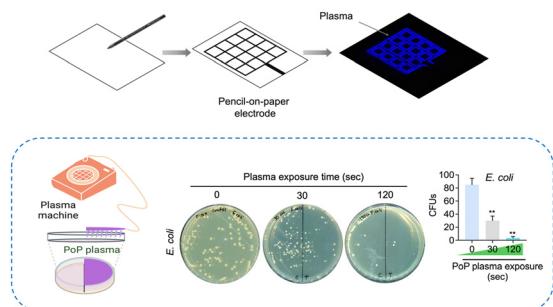
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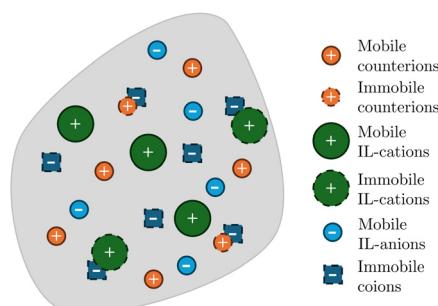
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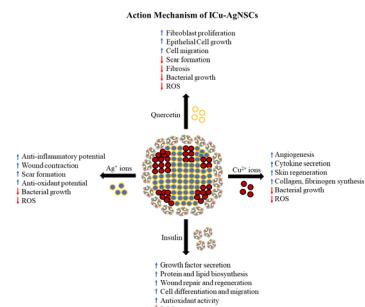
**A multi-cation model for the actuation of ionic membranes with ionic liquids**

Alain Boldini



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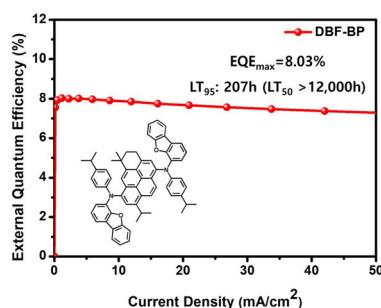
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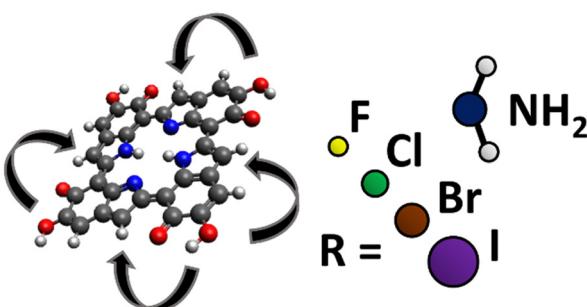
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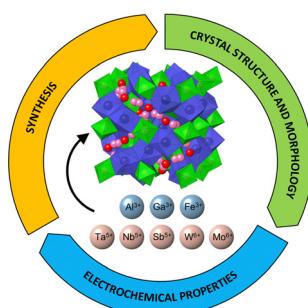
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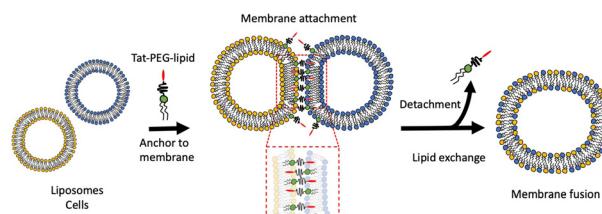


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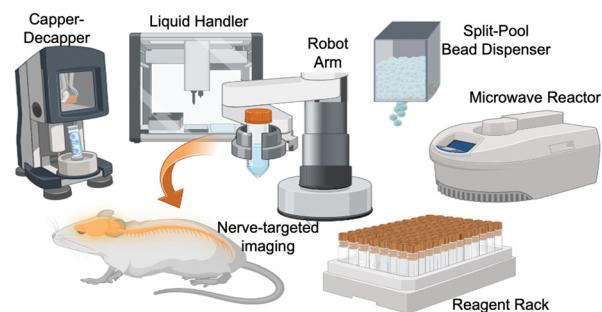
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Md. Roxy Islam, Mizanur Rahaman, Md. Muktadir Billah\* and Muhammad Rakibul Islam\*

