Journal of Materials Chemistry A

Materials for energy and sustainability

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EDITORIAL

Looking back at the 10th anniversary year of Journal of Materials Chemistry A, B and C

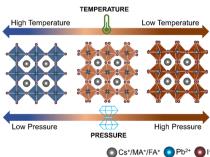
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Temperature and pressure induced structural transitions of lead iodide perovskites

Pratap Vishnoi* and C. N. R. Rao*





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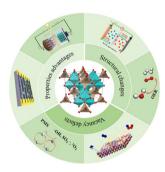
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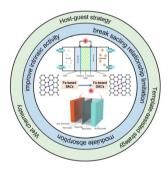
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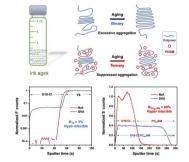


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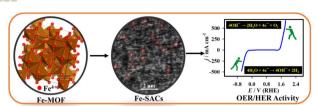
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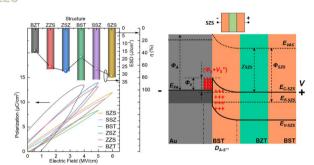


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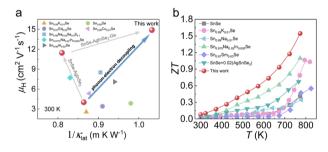
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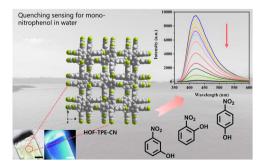
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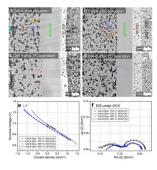
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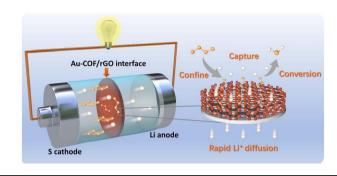
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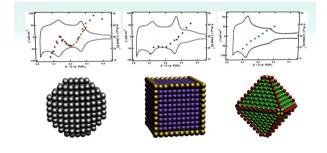
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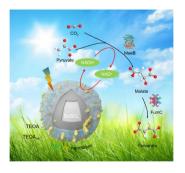
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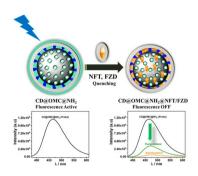
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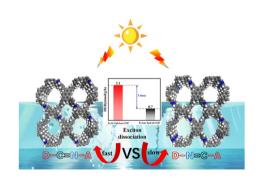
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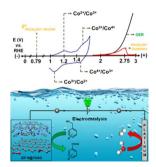
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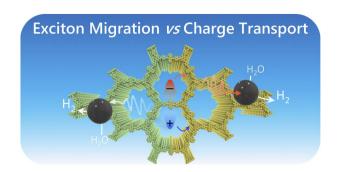
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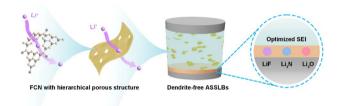
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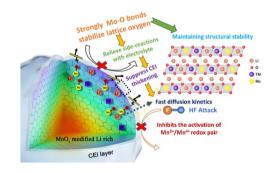
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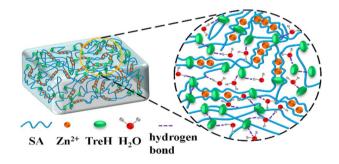
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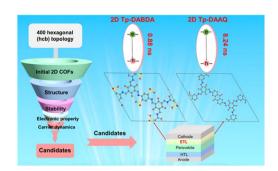


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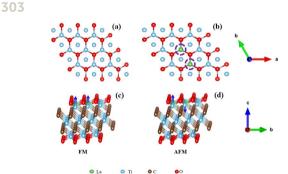
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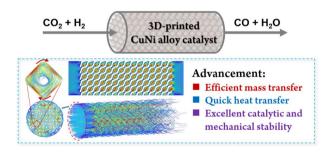
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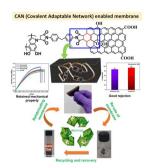
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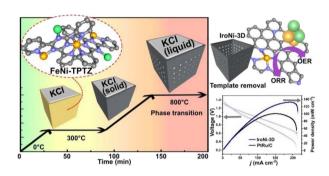
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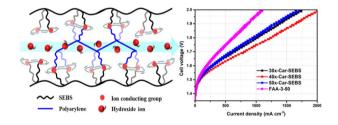
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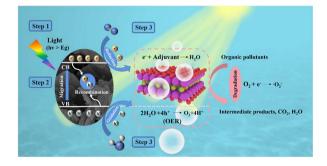
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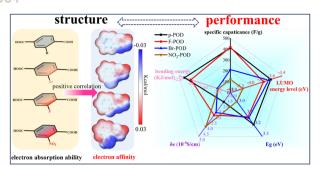
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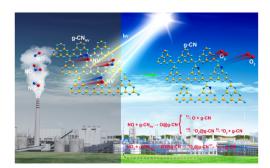
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Yan Jiang, Chen Yang, Yuanyuan Yu, Yulin Zhou, Zhoutai Shang, Shengchang Zhang, Pengqing Liu, Jiadeng Zhu and Mengjin Jiang*

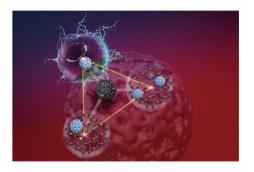
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Yuewen Yang, Yanling Zhao* and Ruigin Zhang*

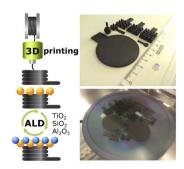
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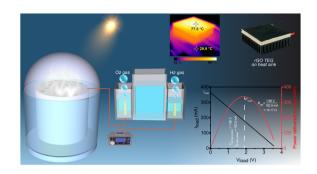
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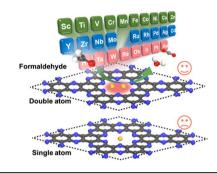
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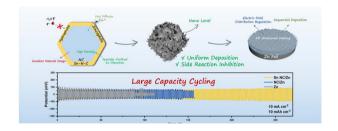
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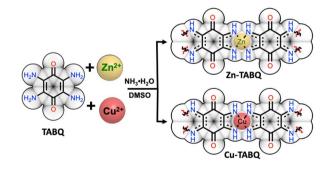
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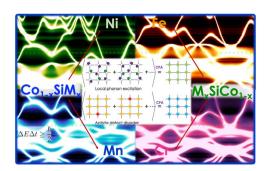
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Two-dimensional metal-organic polymers as cathode hybrid materials for high-performance **Al-batteries**

Dawid Pakulski,* Verónica Montes-García, Adam Gorczyński, Włodzimierz Czepa, Tomasz Chudziak, Michał Bielejewski, Andrzej Musiał, Ignacio Pérez-Juste, Paolo Samorì* and Artur Ciesielski*



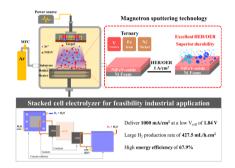
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Exploring finite-temperature electronic transport in CoSi alloys with transition metals (Cr, Mn, Fe, and Ni) using the KKR-CPA method

Ho Ngoc Nam,* Quan Manh Phung, Katsuhiro Suzuki, Hikari Shinya, Akira Masago, Tetsuya Fukushima and Kazunori Sato*

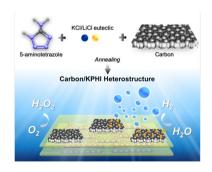
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Industrial-scale efficient alkaline water electrolysis achieved with sputtered NiFeV-oxide thin film electrodes for green hydrogen production

Quoc-Nam Ha, Chen-Hao Yeh, Noto Susanto Gultom and Dong-Hau ${\rm Kuo}^*$

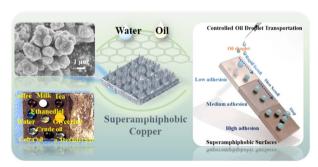
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Rational design of a carbon/potassium poly(heptazine imide) heterojunction for enhanced photocatalytic H_2 and H_2O_2 evolution

Christian Mark Pelicano,* Jiaxin Li, María Cabrero-Antonino, Ingrid F. Silva, Lu Peng, Nadezda V. Tarakina, Sergio Navalón, Hermenegildo García and Markus Antonietti*

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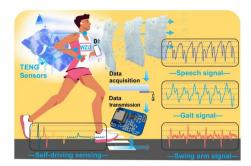
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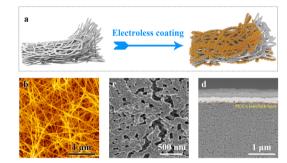
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Xin Ma, Donghao Xie, Jiayi Wang, Zekun Wang, Qiao Gu, Yonghong Deng* and Ping Gao*



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Weiyi Xia, Ling Tang, Huaijun Sun, Chao Zhang, Kai-Ming Ho, Gayatri Viswanathan, Kirill Kovnir and Cai-Zhuang Wang*