**2D Materials (2022-2024)**

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Hangbo Zhou, Sifan Li, Kah-Wee Ang & Yong-Wei Zhang

Nano-Micro Lett. 16, 121 (2024). <https://doi.org/10.1007/s40820-024-01335-2>

1. **The Roadmap of 2D Materials and Devices Toward Chips (Review)**

Anhan Liu, Xiaowei Zhang, Ziyu Liu, Yuning Li, Xueyang Peng, Xin Li, Yue Qin, Chen Hu, Yanqing Qiu, Han Jiang, Yang Wang, Yifan Li, Jun Tang, Jun Liu, Hao Guo, Tao Deng, Songang Peng, He Tian & Tian-Ling Ren

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Guannan Yang, Guohua Dong, Butong Zhang, Xu Xu, Yanan Zhao, Zhongqiang Hu & Ming Liu

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Ge Yan, Xiaodong Sun, Yu Zhang, Hui Li, Hongwei Huang, Baohua Jia, Dawei Su & Tianyi Ma Nano-Micro Lett. 15, 132 (2023). [https://doi.org/10.1007/s40820-023-01100-x](%20https:/doi.org/10.1007/s40820-023-01100-x)

1. **Two-Dimensional Metal Halides for X-Ray Detection Applications (Review)**

Yumin Li, Yutian Lei, Haoxu Wang & Zhiwen Jin

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1. **Self-Healing MXene- and Graphene-Based Composites: Properties and Applications (Review)**

Atefeh Zarepour, Sepideh Ahmadi, Navid Rabiee, Ali Zarrabi & Siavash Iravani

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Shiyu Luo, Li Peng, Yangsu Xie, Xiaoxue Cao, Xiao Wang, Xiaoting Liu, Tingting Chen, Zhanpo Han, Peidong Fan, Haiyan Sun, Ying Shen, Fan Guo, Yuxing Xia, Kaiwen Li, Xin Ming & Chao Gao

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1. **2D Materials Boost Advanced Zn Anodes: Principles, Advances, and Challenges (Review)**

Songhe Zheng, Wanyu Zhao, Jianping Chen, Xiaoli Zhao, Zhenghui Pan & Xiaowei Yang

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1. **Emerging MoS2 Wafer-Scale Technique for Integrated Circuits (Review)**

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Seongjae Kim, Juhyung Seo, Junhwan Choi & Hocheon Yoo

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1. **Monodomain Liquid Crystals of Two-Dimensional Sheets by Boundary-Free Sheargraphy (Article)**

Min Cao, Senping Liu, Qingli Zhu, Ya Wang, Jingyu Ma, Zeshen Li, Dan Chang, Enhui Zhu, Xin Ming, Yingjun Liu, Yanqiu Jiang, Zhen Xu & Chao Gao

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Ki Chang Kwon, Ji Hyun Baek, Kootak Hong, Soo Young Kim & Ho Won Jang

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