

Nanoscale Horizons

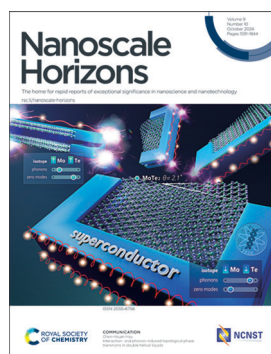
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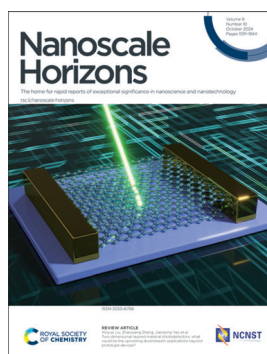
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Cover

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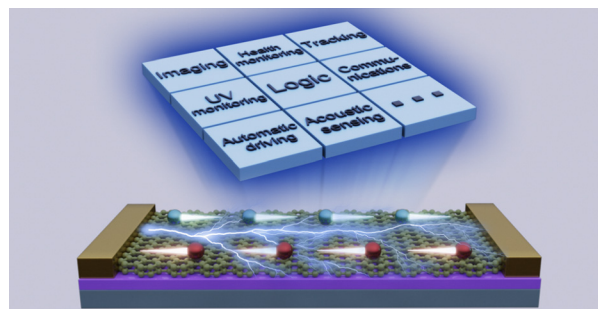
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REVIEWS

1599

Two-dimensional layered material photodetectors: what could be the upcoming downstream applications beyond prototype devices?

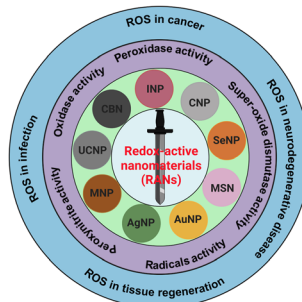
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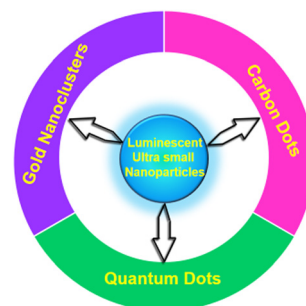
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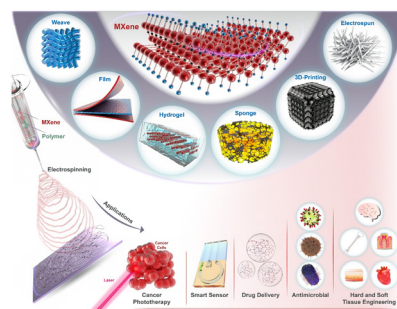
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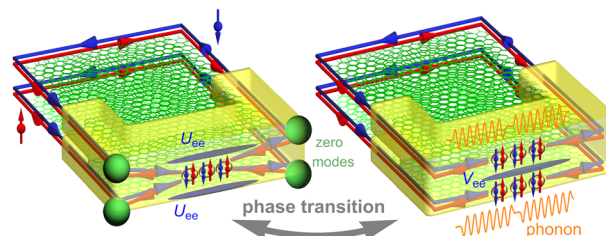


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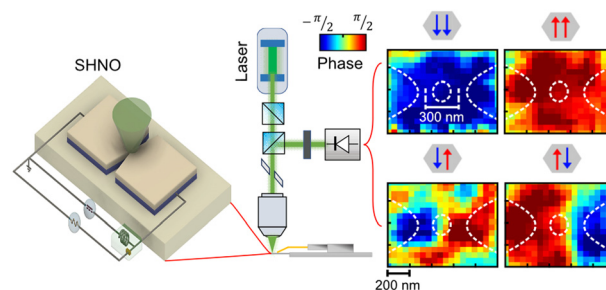
Chen-Hsuan Hsu



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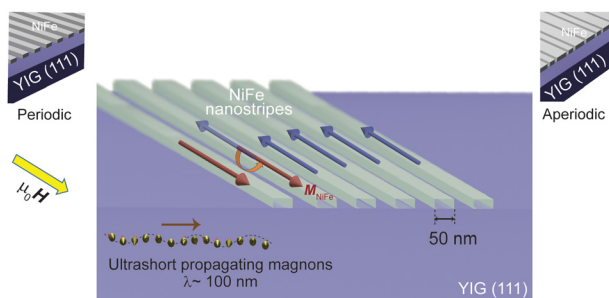
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A. Alemán, A. A. Awad,* S. Muralidhar, R. Khymyn, A. Kumar, A. Houshang, D. Hanstorp and J. Åkerman



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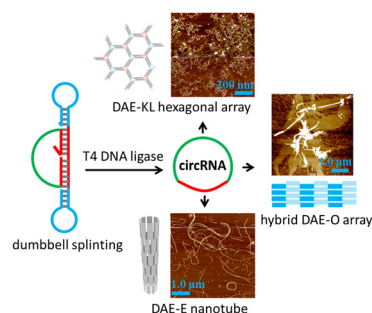
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Shreyas S. Joglekar, Korbinian Baumgaertl, Andrea Mucchietto, Francis Berger and Dirk Grundler*

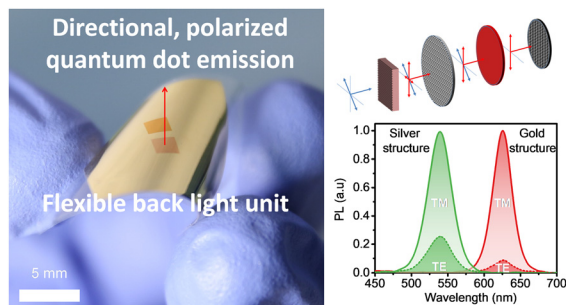
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Shijie Li, Yanxin Chu, Xin Guo, Chengde Mao* and Shou-Jun Xiao*

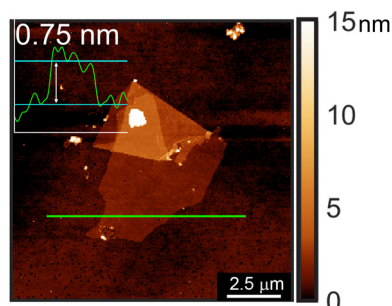
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Graciela Villalpando, Jiaze Xie, Nitish Mathur, Guangming Cheng, Nan Yao and Leslie M. Schoop*

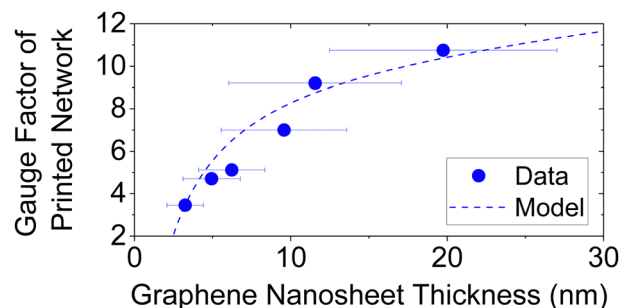


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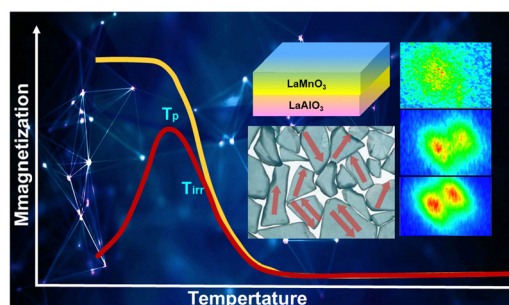
Eoin Caffrey, Jose M. Munuera, Tian Carey and Jonathan N. Coleman*



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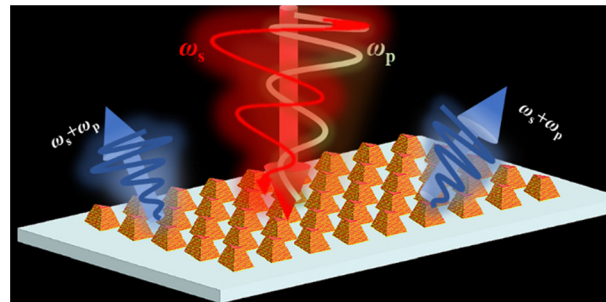
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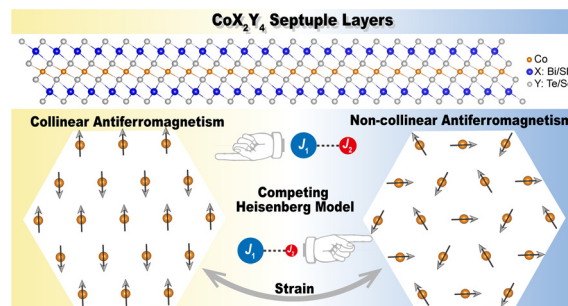
Congfu Zhang, Zhaolu Wang, Changchang Zhang, Wenjuan Shi, Wei Li, Ke Gao and Hongjun Liu*



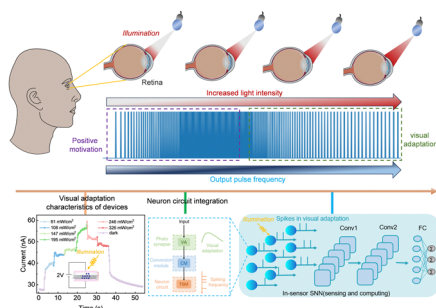
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CoX₂Y₄: a family of two-dimensional magnets with versatile magnetic order

Ziyuan Zhao,* Zhao Liu, Mark T. Edmonds and Nikhil V. Medhekar*



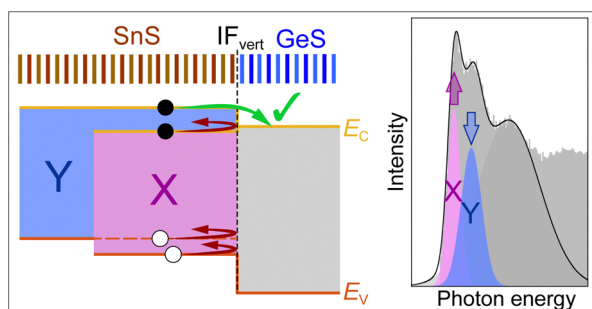
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Hao Ruan, Zhihao Lin, Zuyu Xu, Yunlai Zhu,
Guodong Wei* and Yuehua Dai*

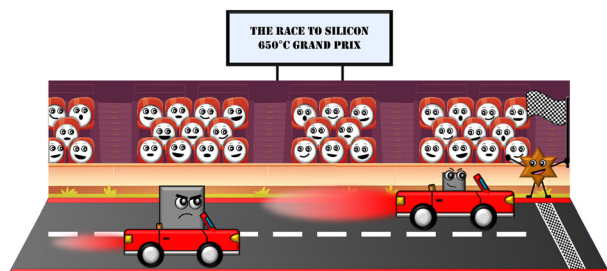
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E. Sutter,* H.-P. Komsa and P. Sutter*

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Unlocking the secrets of porous silicon formation: insights into magnesiothermic reduction mechanism using *in situ* powder X-ray diffraction studies

Sarah A. Martell, Maximilian Yan, Robert H. Coridan,
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