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With integration in a liquid core fiber, 2D core-crown nanoplatelets yield optical gain and amplified spontaneous emission as explained by the momentum states of excitations and excitons as part of a four-level system. View the article.

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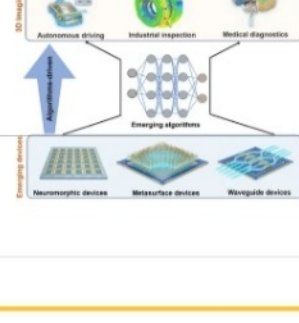
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Algorithms-Driven Optoelectronic Devices for Three-Dimensional Imaging

Chengxi Zhu\*, Wanfei Lu, Zojian Li, Xuoyu Yang, Tao Zhou, Wenxiao Wang, Tao Zheng, Yang Chai\*, and Jiewei Chen\*

Nano Letters 2026, 26, 18, 5995-6007 (Letter)  
Publication Date (Web): April 22, 2026

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Jinlun Liu, Xiaofeng Li, Yanbin Li, Ruochen Yang, Wei Wang\*, Jing Zheng\*, and Jinyao Tang\*

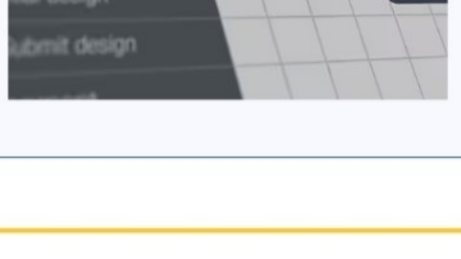
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Veronika Adolfs, Dominik A. Rudolph, Simon Spethmann\*, Arslom Antanovich, Dan H. Chau, Mario Chernitz, Markus A. Schmidt, Jannika Lauter\*, and Michael Steiner\*

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Bas van Bommel\* and Helge Ewers\*

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Bo Peng\* and Michelle Pizzochero\*

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Tom Hoekstra, Mark L. Brongersma, and Jorik van de Groep\*

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Hierchen Wang\*, Laura van Schee, Adam Erickson, Lauren J. Riddiford, Davit Petrosyan, Christian L. Degen, Richard Schütz, William Legrand\*, and Pietro Gambardella\*

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Ab Initio Polariton Transport Dynamics with the Classical Path Approximation

Benjamin X. K. Chng, Braden M. Weight, M. Elouas Mondal, and Pengfei Hu\*

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Hongli Pu, Shanshan An, Yuanjuan Wang, Gui Li, Sizhao Liu, Jian Wang, Hengyu Guo, and Xianjie Pu\*

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Chang Tong, Hualong Li, Zhuocheng Tian, Zhicheng Zhang, Liangmeng Cui, Dongxue Wang\*, Liang Zhou, and Jianlong Xia\*

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Top-Gated Monolayer MoS<sub>2</sub> Transistors on Growth Substrate by One-Step Integration of High-κ Dielectrics and Low-Resistance Bilayer Contacts

Baoli Wang, Hua Yu, Chenyu Wang, Jundong Zhu, Yuchen Wang, Ziyi Liu, Chenyang Cui, Xiuzhen Li, Wei Yang, Dongshu Shi, Luqun Du\*, and Guangyu Zhang\*

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Taegon Oh, Soyoung Eileen Seo, and Chad A. Mirkin\*

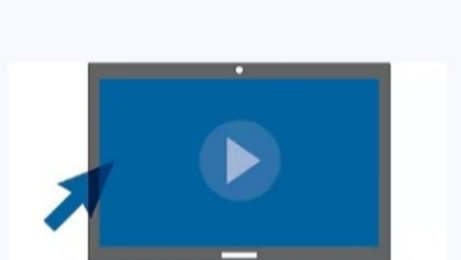
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Wei Xia, Yinghai Zhang, Wei He, Haoping Shi, Tingwen Ruan, Yanna Xie\*, Chen Zhu, Qingyun Chen, Qingying Ren, Limwei Yu\*, and Wei Li\*

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General Chemical Vapor Deposition Approach for p-Type Synthesizing Two-Dimensional Alkali and Alkaline Earth Niobates and Their High-Tropy Analogues

Yongqin Li, Muhammad Imran, Lingyao Ma, Zhuofeng Shi, Saiyu Bu, Xiaohu Chen, Zhenxin Zhao, Junhao Liao, Zhongfan Liu, Xiaomin Wang\*, and Lili Liu\*

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Yanyan Xu, Rong Jin, Danjun Fang\*, and Dechen Jiang\*

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Esmatell Taghizadeh Sisakht, Uiseok Jeong, Xiao Jiang, Jinseok Oh, Yizhou Liu, Binghai Yan\*, and Noejung Park\*

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Raul Zazzer\*, Jaroslav Charvát, Ibonatan Rodriguez-Pereira, Jiri Váňa, Luděk Hromádka, David Pavlíček, Jan Mistrík, Michal Kurfka, Jan M. Macák, and Filip Bureš\*

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Filippo Rodriguez, Ionut Tranca, Pablo Beato, Mónica Calatayud\*, and Frederik Tielsens\*

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Haoping Wei, Qianlin Wang, Haozhang Huang, Yajun Lou, Lili Tao\*, and Bo Zhou\*

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Sofia Liz Bastardo, Marine Sagastou, Jose Elfrain Perez, Nicolas Ansart, Jean-Michel Guigner, Christine Minager\*, and Claire Wilhelm\*

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