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Materials for optical, magnetic and electronic devices

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ISSN 2050-7526 CODEN JMCCCX 12(29) 10745–11194 (2024)



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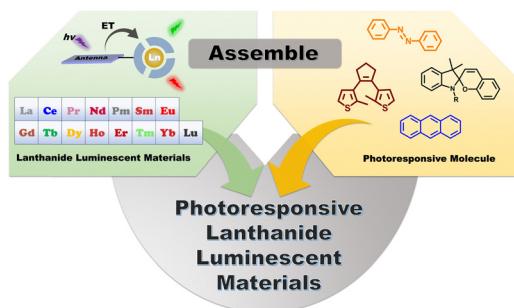
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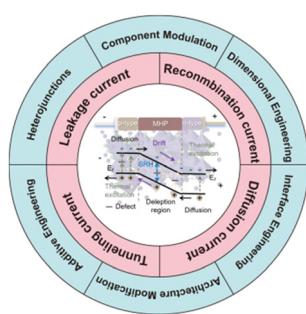
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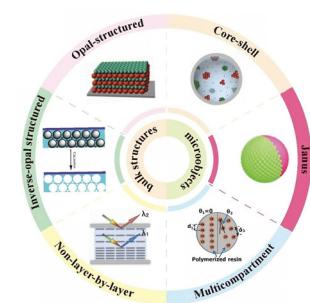
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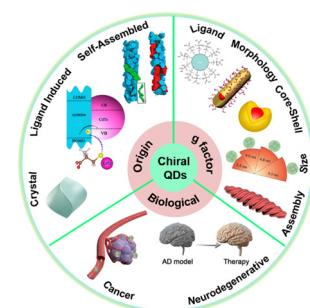
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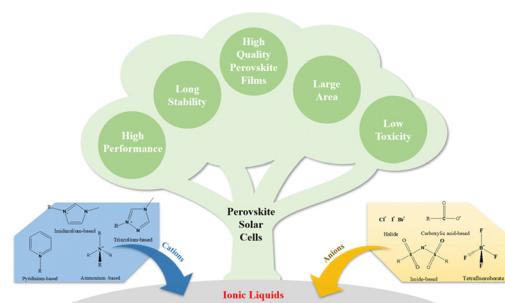
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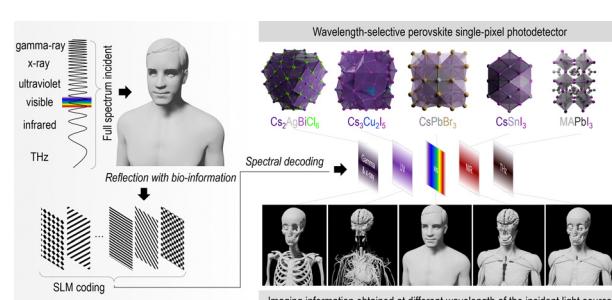


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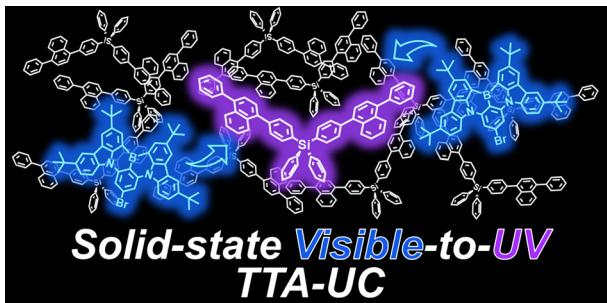
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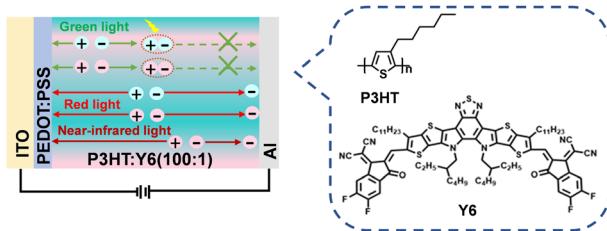
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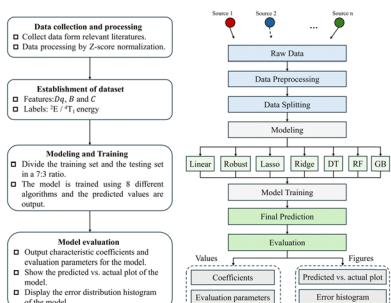
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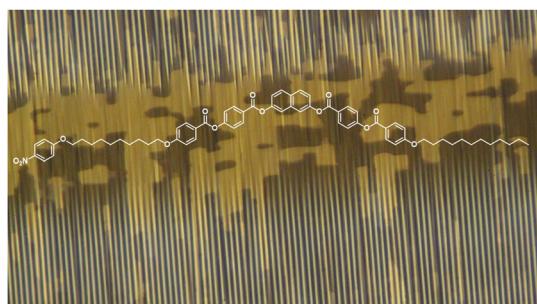
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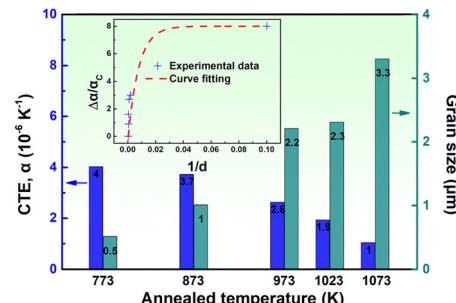


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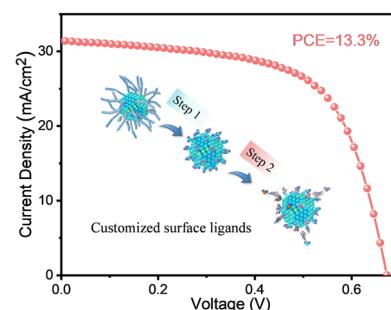
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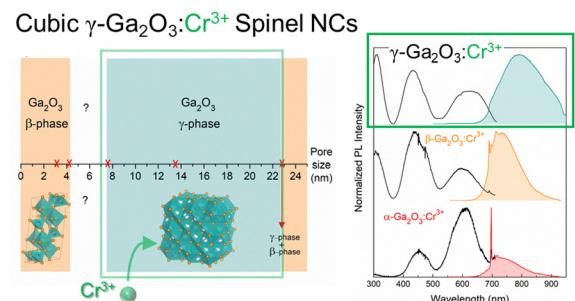
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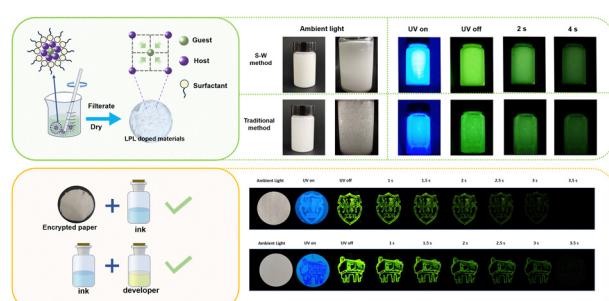
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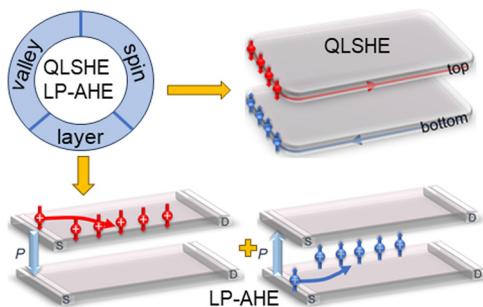
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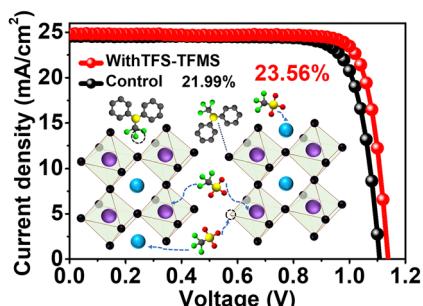
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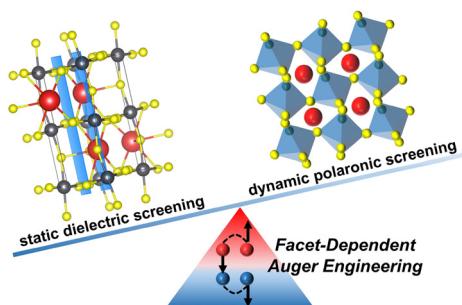
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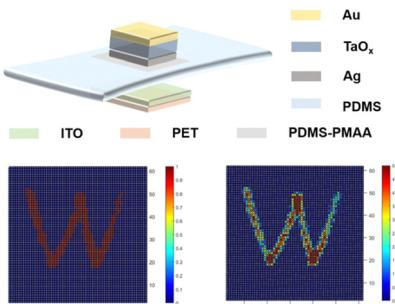
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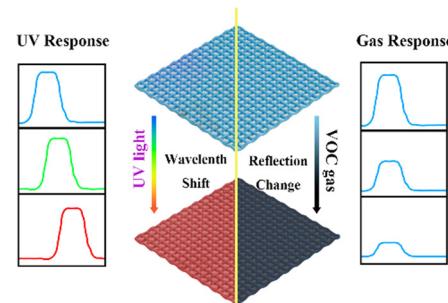


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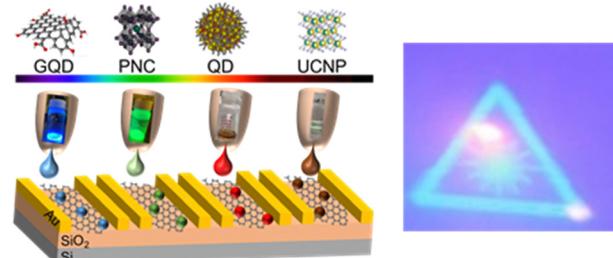
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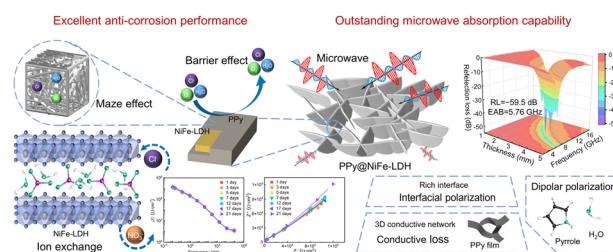
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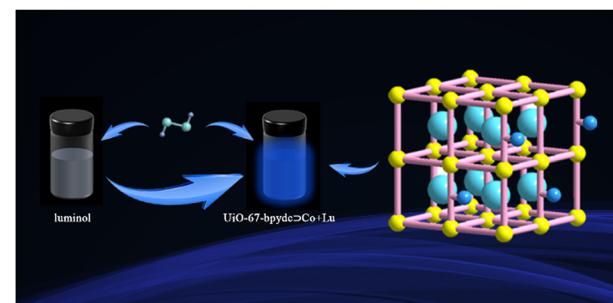
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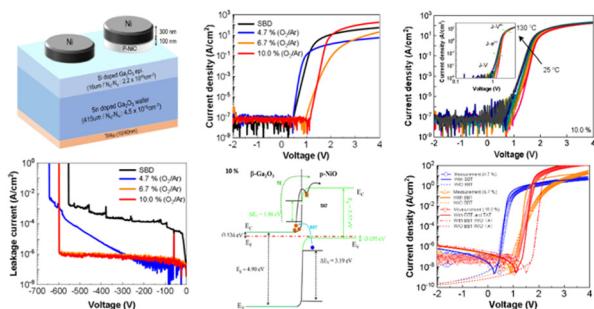
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Hongxu Chen, Danna Zou, Wenqian Cao, Yuanjing Cui,* Guodong Qian* and Zhengluan Liao*



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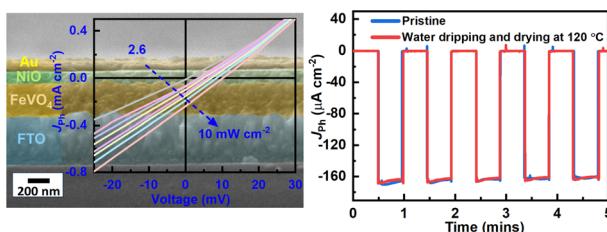
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Non-damaging growth and band alignment of p-type NiO/β-Ga₂O₃ heterojunction diodes for high power applications

Ji Young Min, Madani Labed,* Chowdam Venkata Prasad, Jung Yeop Hong, Young-Kyun Jung and You Seung Rim*

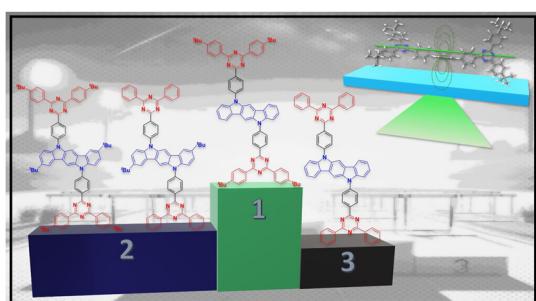
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FeVO₄-based solution-processed all oxide self-biased fast photodetectors

Parul Garg, Priya Kaith, Vishal Nagar and Ashok Bera*

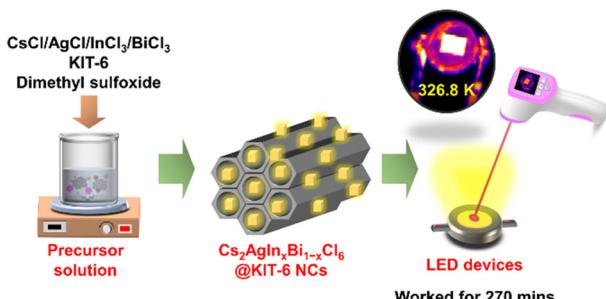
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Advanced lead-free double perovskites/silica hybrid nanocrystals for highly stable light-emitting diodes

Jindou Shi, Zeyu Wang,* Luxia Xu, Junnan Wang, Zheyuan Da, Chen Zhang, Yongqiang Ji, Qing Yao, Youlong Xu, Nikolai V. Gaponenko, Jinshou Tian and Minqiang Wang

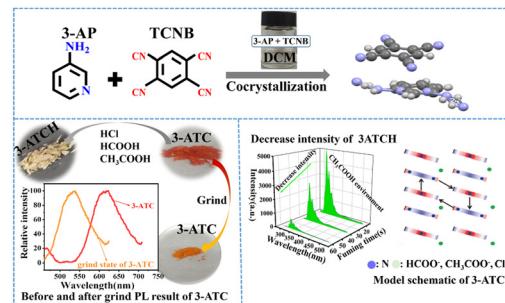


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Luminescent switching behavior achieved by adjusting cocrystal charge transfer excitons under acid stimulation

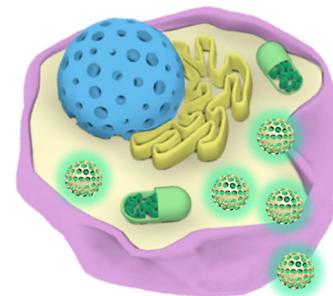
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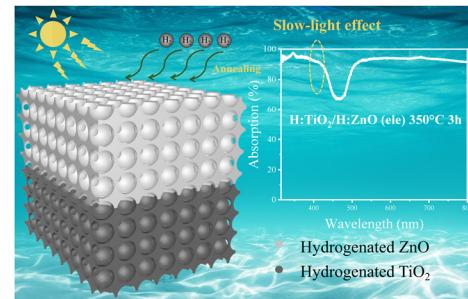
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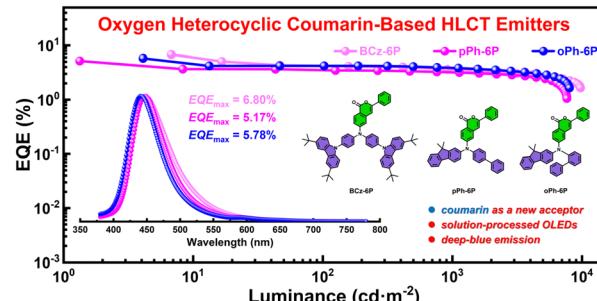
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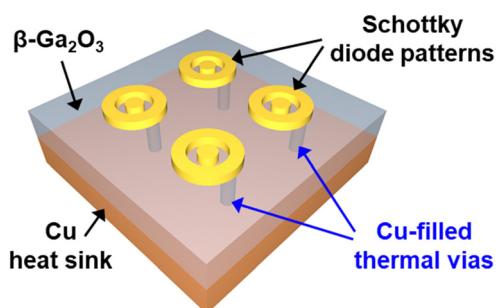
Oxygen heterocyclic coumarin-based hybridized local and charge-transfer deep-blue emitters for solution-processed organic light-emitting diodes

Qi Xie, Chuanxin Liao, Hongli Liu, Shirong Wang* and Xianggao Li*



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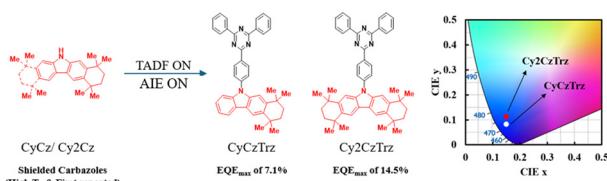
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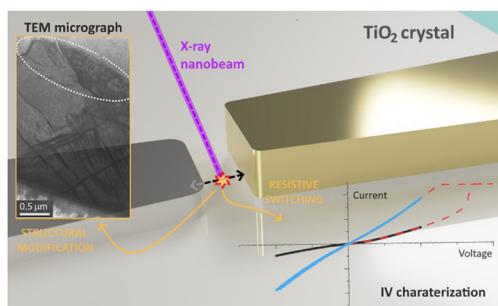
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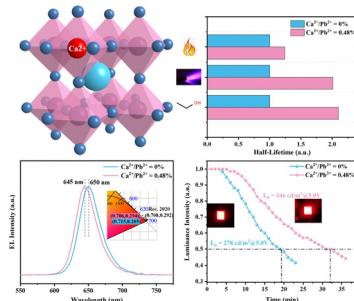


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Ca²⁺-doping for stable pure red CsPbI₃ quantum dot light-emitting diodes

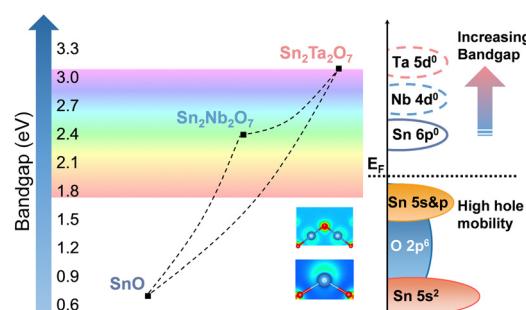
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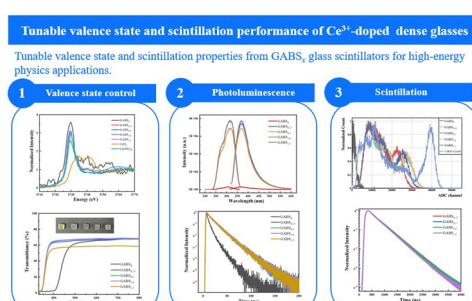
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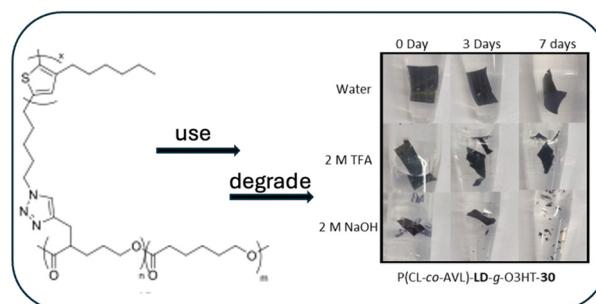
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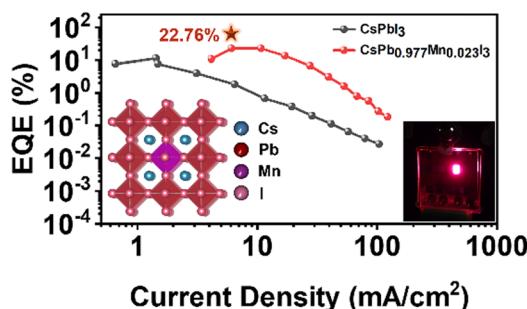
Transient polymer electronics enabled by grafting of oligo-3-hexylthiophenes onto polycaprolactone

Eddie Wai Chi Chan, Xin Sun, Yuhka Uda, Bicheng Zhu, David Barker and Jadranka Travas-Sejdic*



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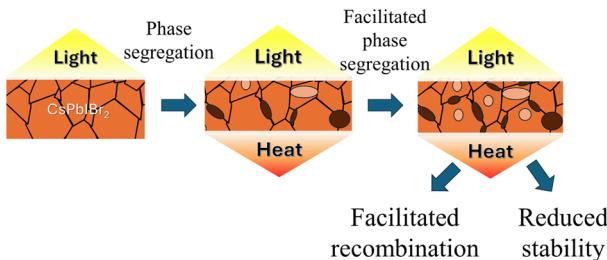
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How temperature impacts material properties and photovoltaic performance of mixed-halide perovskite via light-induced ion migration

Po-Kai Kung, Ming-Hsien Li, Chen-Fu Lin and Peter Chen*

