

PROCEEDINGS VOLUME 11284

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Smart Photonic and Optoelectronic Integrated Circuits XXII

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Proc. SPIE 11284, Smart Photonic and Optoelectronic Integrated Circuits XXII, 1128414 (9 March 2020); doi: 10.1117/12.2544618

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Mid-infrared interband cascade light-emitting diodes with InAs/GaAsSb superlattices on InAs substrates

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 **Presentation + Paper**

[Qi Lu](#) ([/profile/Qi.Lu-4210163](#)); [Yi Zhou](#) ([/profile/notfound?author=Yi_Zhou](#)); [Jianxin Chen](#) ([/profile/Jianxin.Chen-162508](#)); [Li He](#) ([/profile/He.Li-12134](#)); [Anthony Krier](#) ([/profile/Anthony.Krier-33991](#)).

Proc. SPIE 11284, Smart Photonic and Optoelectronic Integrated Circuits XXII, 1128415 (26 February 2020); doi: 10.1117/12.2544811

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Interband cascade laser frequency combs (Conference Presentation)

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MID-INFRA-RED OPTOELECTRONICS II

Towards a low-cost on-chip mid-IR gas sensing solution: chemical synthesis of lead-salt photonic materials

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[Tahere Hemati](#) ([/profile/notfound?author=Tahere_Hemati](#)); [Xintong Zhang](#) ([/profile/notfound?author=Xintong_Zhang](#)); [Binbin Weng](#) ([/profile/Binbin.Weng-2921](#)).

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Mid-infrared semiconductor laser spectroscopy with hollow core fibers (Conference Presentation)

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 **Presentation Only**

[Wei Ren](#) ([/profile/WEI.REN-1460](#)).

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Nonlinear crystals for imaging and detection of mid-IR radiation

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