

Advanced Photonics

Volume 2
Number 4
August 2020

Reviews

Recent advances in optoelectronic oscillators

*Tengfei Hao, Yanzhong Liu, Jian Tang,
Qizhuang Cen, Wei Li, Ninghua Zhu,
Yitang Dai, José Capmany, Jianping Yao,
and Ming Li*

044001

Letters

Two-channel, dual-beam-mode, wavelength-tunable femtosecond optical parametric oscillator

*Jintao Fan, Jun Zhao, Liping Shi,
Na Xiao, and Minglie Hu*

045001

Research Articles

Stretching the spectra of Kerr frequency combs with self-adaptive boundary silicon waveguides

*Jianhao Zhang, Vincent Pelgrin,
Carlos Alonso-Ramos, Laurent Vivien,
Sailing He, and Eric Cassan*

046001

Rabi oscillations of azimuthons in weakly nonlinear waveguides [On the Cover]

*Kaichao Jin, Yongdong Li, Feng Li,
Milivoj R. Belić, Yanpeng Zhang,
and Yiqi Zhang*

046002

Nanopolaritonic second-order topological insulator based on graphene plasmons

*Minwoo Jung, Ran G. Gladstone,
and Gennady Shvets*

046003

Spatial and spectral mode mapping of a dielectric nanodot by broadband interferometric homodyne scanning near-field spectroscopy

*Jinxin Zhan, Wei Wang, Jens Brauer,
Lukas Schmidt-Mende, Christoph Lienau,
and Petra Groß*

046004