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JOURNAL NEWS AND ANNOUNCEMENTS

The April issue of *Optica* included two new Memoranda:

- "[Sub-wavelength GHz-fast broadband ITO Mach-Zehnder modulator on silicon photonics](#)" by Rubab Amin, Rishi Maiti, Yaliang Gui, Can Suer, Mario Miscuglio, Elham Heidari, Ray T. Chen, Hamed Dalir, and Volker J. Sorger
- "[Heterogeneous silicon nitride photonics](#)" by Hyundai Park, Chong Zhang, Minh A. Tran, and Tin Komljenovic

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[A message to our authors, reviewers, and readers regarding COVID-19](#)

[Megapixel time-gated SPAD image sensor for 2D and 3D imaging applications](#)



Kazuhiro Morimoto, Andrei Ardelean, Ming-Lo Wu, Arin Can Ulku, Ivan Michel Antolovic, Claudio Bruschini, and Edoardo Charbon

Optica 7(4) 346-354 (2020) **View:** [HTML](#) | [PDF](#) [Suppl. Mat. (1)]

[Hybrid integration methods for on-chip quantum photonics](#)



Je-Hyung Kim, Shahriar Aghaieimebodi, Jacques Carolan, Dirk Englund, and Edo Waks

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[Extreme-depth-of-focus imaging with a flat lens](#)



Sourangsu Banerji, Monjurul Meem, Apratim Majumder, Berardi Sensale-Rodriguez, and Rajesh Menon

Optica 7(3) 214-217 (2020) **View:** [HTML](#) | [PDF](#) [Suppl. Mat. (3)]

[Heterogeneous silicon nitride photonics](#)



Hyundai Park, Chong Zhang, Minh A. Tran, and Tin Komljenovic

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[Sub-wavelength GHz-fast broadband ITO Mach-Zehnder modulator on silicon photonics](#)



Rubab Amin, Rishi Maiti, Yaliang Gui, Can Suer, Mario Miscuglio, Elham Heidari, Ray T. Chen, Hamed Dalir, and Volker J. Sorger

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[Label-free biochemical quantitative phase imaging with mid-infrared photothermal effect](#)



Miu Tamamitsu, Keiichiro Toda, Hiroyuki Shimada, Takaaki Honda, Masaharu Takarada, Kohki Okabe, Yu Nagashima, Ryoichi Horisaki, and Takuro Ideguchi

Optica 7(4) 359-366 (2020) **View:** [HTML](#) | [PDF](#) [Suppl. Mat. (1)]



[Interleaved difference-frequency generation for microcomb spectral densification in the mid-infrared](#)

Chengying Bao, Zhiqian Yuan, Heming Wang, Lue Wu, Boqiang Shen, Keeyoon Sung, Stephanie Leifer, Qiang Lin, and Kerry Vahala

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[Mid-infrared laser diodes epitaxially grown on on-axis \(001\) silicon](#)

Marta Rio Calvo, Laura Monge Bartolomé, Michaël Bahriz, Guilhem Boissier, Laurent Cerutti, Jean-Baptiste Rodriguez, and Eric Tournié

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[Antireflection temporal coatings](#)

Victor Pacheco-Peña and Nader Engheta

Optica 7(4) 323-331 (2020) **View:** [HTML](#) | [PDF](#) [Suppl. Mat. (9)]



[Production of 100-TW single attosecond x-ray pulse](#)

Xinrong Xu, Yuxue Zhang, Hua Zhang, Haiyang Lu, Weiming Zhou, Cangtao Zhou, Brendan Dromey, Shaoping Zhu, Mathew Zepf, Xiantu He, and Bin Qiao

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