

# Advanced Photonics

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## News and Commentaries

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| Promoting photonics: it is up to all of us                                    | <i>John M. Dudley</i>                            | 020501 |
| Bypassing the limit in volumetric imaging of mesoscale specimens              | <i>Chaohao Chen, Zhen Liu, and Dayong Jin</i>    | 020502 |
| Surface phonon polaritonics made simple: great as plasmonics but lower losses | <i>Jamie M. Fitzgerald and Vincenzo Giannini</i> | 020503 |

## Reviews

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| Photonic tractor beams: a review   | <i>Weiqliang Ding, Tongtong Zhu, Lei-Ming Zhou, and Cheng-Wei Qiu</i> | 024001 |
| Nonlinear optics in all-dielectric nanoantennas and metasurfaces: a review | <i>Basudeb Sain, Cedrik Meier, and Thomas Zentgraf</i>                | 024002 |

## Letters

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| Fringe pattern analysis using deep learning [Cover Paper] | <i>Shijie Feng, Qian Chen, Guohua Gu, Tianyang Tao, Liang Zhang, Yan Hu, Wei Yin, and Chao Zuo</i> | 025001 |
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## Research Articles

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| High $Q$ -factor controllable phononic modes in hybrid phononic-dielectric structures | <i>Bo Qiang, Alexander M. Dubrovkin, Harish N. S. Krishnamoorthy, Qian Wang, Cesare Soci, Ying Zhang, Jinghua Teng, and Qi Jie Wang</i> | 026001 |
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