



# Frontiers of Optoelectronics

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## Cover Illustration

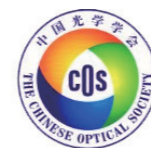
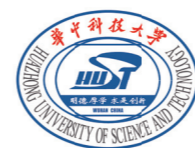
Optical metasurfaces, composed of planar arrays of sub-wavelength dielectric or metallic structures that collectively mimic the operation of conventional bulk optical elements, have revolutionized the field of optics by their potential in constructing high-efficiency and multi-functional optoelectronic systems with compact form factor. By engineering the geometry, placement, and alignment of its constituent elements, an optical metasurface arbitrarily controls the magnitude, polarization, phase, angular momentum, or dispersion of an incident light.

This special issue features some recent advances of optical metasurfaces, covering various topics ranging from metasurface design to practical applications.

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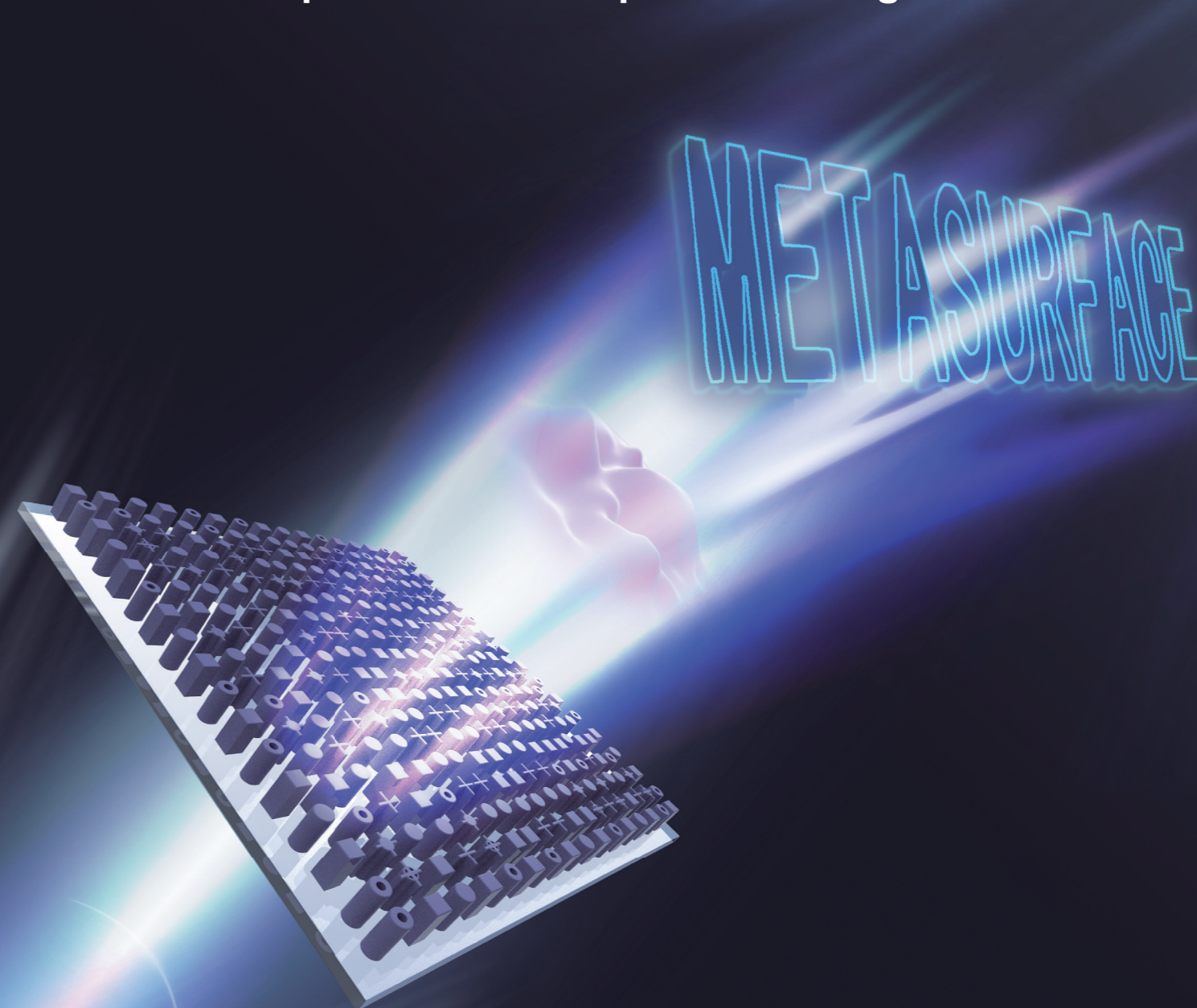
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## Versatile Optical Field Manipulation Using Metasurfaces



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