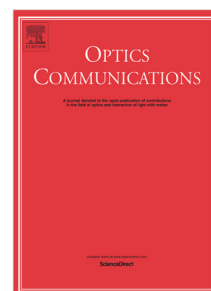


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Tunable dual-band terahertz metalens based on stacked graphene metasurfaces

Zhiping Yin, Qun Zheng, Kuiyuan Wang, Kai Guo, Fei Shen, Hongping Zhou, Yongxuan Sun, Qingfeng Zhou, Jun Gao, Linbao Luo, Zhongyi Guo



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Highlights:

1. A tunable stacked graphene metasurface can manipulate THz wavefronts.
2. Required phase shifts can be realized by changing the Fermi levels.
3. A double-frequency lens works at 3.5 THz and 7.0 THz respectively.
4. The focal length and offset distance of focal point can be tuned effectively.

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