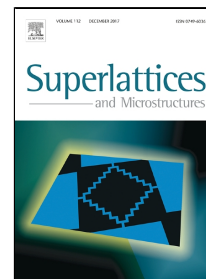


# Accepted Manuscript

High-efficiency Terahertz polarization devices based on the dielectric metasurface

Jian Zhou, JingJing Wang, Kai Guo, Fei Shen, Qingfeng Zhou, Zhiping yin, Zhongyi Guo



PII: S0749-6036(17)32718-0

DOI: 10.1016/j.spmi.2017.12.011

Reference: YSPMI 5408

To appear in: *Superlattices and Microstructures*

Received Date: 15 November 2017

Revised Date: 05 December 2017

Accepted Date: 05 December 2017

Please cite this article as: Jian Zhou, JingJing Wang, Kai Guo, Fei Shen, Qingfeng Zhou, Zhiping yin, Zhongyi Guo, High-efficiency Terahertz polarization devices based on the dielectric metasurface, *Superlattices and Microstructures* (2017), doi: 10.1016/j.spmi.2017.12.011

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

**Highlights:**

- 1, High-efficiency THz metasurface has been designed based on Si micro-bricks.
- 2, THz metasurface can modulate the x-/y-polarization simultaneously.
- 3, Beam splitter, Beam deflector and focusing lens have been designed.

Download English Version:

<https://daneshyari.com/en/article/7939064>

Download Persian Version:

<https://daneshyari.com/article/7939064>

[Daneshyari.com](https://daneshyari.com)