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**摘要:** Novel graphene devices based on wafer-scale laser scribing method will be introduced, including graphene earphone, strain sensor, RRAM, and multi-functional graphene devices. Graphene earphone has wide-band frequency response. Graphene strain sensor has a high sensitivity. Graphene RRAM has a fin-like 3D structure. Graphene multi-functional devices could enable wide applications.

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IEEE

SCI

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联系人: 王新强教授 邮箱: wangshi@pku.edu.cn

北京大学物理学院凝聚态物理与材料物理所

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