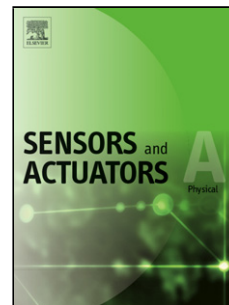


## Accepted Manuscript

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PII: S0924-4247(16)30212-6  
DOI: <http://dx.doi.org/doi:10.1016/j.sna.2016.05.002>  
Reference: SNA 9651

To appear in: *Sensors and Actuators A*

Received date: 31-3-2016  
Revised date: 19-4-2016  
Accepted date: 1-5-2016

Please cite this article as: Haidong Wang, Kosaku Kurata, Takanobu Fukunaga, Hiroki Ago, Hiroshi Takamatsu, Xing Zhang, Tatsuya Ikuta, Koji Takahashi, Takashi Nishiyama, Yasuyuki Takata, A general method of fabricating free-standing, monolayer graphene electronic device and its property characterization, *Sensors and Actuators: A Physical* <http://dx.doi.org/10.1016/j.sna.2016.05.002>

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A general method of fabricating free-standing, monolayer graphene electronic device and its property characterization

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## Highlights

- A general method for fabricating suspended 2D material devices is proposed.
- The electrical and thermal properties of suspended 2D material can be measured simultaneously.
- Arbitrary-shaped electrodes can be prepared with the suspended 2D membrane for realizing different functions.

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