

# Advanced Energy Materials and Research

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4. Weiwei Tang, Antonio Politano, Cheng Guo, Wanlong Guo, Changlong Liu, Lin Wang, Xiaoshuang Chen and Wei Lu (2018) Ultra-sensitive room-temperature terahertz direct detection based on bismuth selenide topological insulator. *Advanced Functional Materials* DOI:10.1002/adfm.201801786.
5. Changlong Liu, Lin Wang, Xiaoshuang Chen, Jing Zhou, Weiwei Tang, Wanlong Guo, Jin Wang and Wei Lu (2018) Top-gated black phosphorus phototransistor for sensitive broadband detection. *Nanoscale* 10(13):5852-5858.

## Biography

Lin Wang is currently an Associate Professor in Shanghai Institute of Technical Physics, Chinese Academy of Science. He has been awarded many prizes including special prize of president scholarship for distinguished postgraduate student. He received the outstanding achievement award in Shanghai. He has authored or coauthored more than 40 technical journal papers and delivered more than 10 invited conference presentations, serving as a journal peer-reviewer in *Advanced Functional Materials*, *ACS Nano*, *APL*, etc. His current research interests include plasma wave detection of terahertz/infrared radiation using graphene and III-V, plasmonic nanomaterials and metamaterials devices, graphene-like two-dimensional optoelectronics.

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