



Jun Tang (M.Sc., PhD candidate)  
Male, Born in May 1988, Chinese citizen

Joint PhD candidate at  
*Peking University (PKU) & Southern University of Science and Technology (SUSTech)*

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## RESEARCH INTERESTS

Lithium ion battery, Supercapacitor, Laser, Nanomaterials and the applications, etc.

## EDUCATION

Joint PhD candidate in PKU and SUSTech since 2016

---Supervisor: Prof. Dr. Feng Pan (PKU); Prof. Dr. Baoming Xu (SUSTech);

---Research topic: • Laser reduced graphene/graphene based composites for  
high performance energy storage application.

• ion storage mechanism in carbon materials.

M.Sc. in *Condensed Matter Physics*, Lanzhou University, China in 2014;

---Supervisor: Prof. Dr. Deyan He

----Research topic: Layered double hydroxides for pseudocapacitors.

B.Sc. in *Applied Physics*, Dalian University of Technology, China in 2011;

## WORK EXPERIENCE

*Jan. 2016->Feb. 2016*

---Research & Development Engineer, Amperex Technology Limited (ATL) Co., Ltd.;

*Feb. 2015->Aug. 2016*

---Research Assistant, Department of Materials Science and Engineering, SUSTech;

*Aug. 2014->Dec. 2014*



---Research Engineer, Qinghai Taifeng Pulead Lithium-Energy Technology Co., Ltd.;

## SELECTED PUBLICATIONS

1. Jun Tang, *et al.*, *In-situ and selectively laser reduced graphene oxide sheets as excellent conductive additive for high rate capability LiFePO<sub>4</sub> lithium ion batteries. Journal of Power Sources*, **2019**, 412, 677–682.
2. Linfei Zhang\*, Jun Tang\* (Co-first author); *et al.*, *A Laser Irradiation Synthesis of Strongly-Coupled VO<sub>x</sub>-Reduced Graphene Oxide Composites as Enhanced Performance Supercapacitor Electrodes*, *Mater. Today Energy* **2017**, 5, 222–229.
3. Jun Tang, Dequan Liu, Yunxian Zheng, *et al.*, *Effect of Zn-substitution on cycling performance of  $\alpha$ -Co(OH)<sub>2</sub> nanosheet electrode for supercapacitors*, *J. Mater. Chem. A*, **2014**, 2, 2585-2591.
4. Xiongwei Zhong, Linfei Zhang, Jun Tang, *et al.*, *Efficient coupling of a hierarchical V<sub>2</sub>O<sub>5</sub>@Ni<sub>3</sub>S<sub>2</sub> hybrid nanoarray for pseudocapacitors and hydrogen production*, *J. Mater. Chem. A*, **2017**, 5, 17954-17962
5. Xiongwei Zhong, Jun Tang, *et al.*, *Cross-linking of polymer and ionic liquid as high-performance gel electrolyte for flexible solid-state supercapacitors*, *Electrochimica Acta*, **2017**, 1, 244, 112-118