Curriculum Vitae

<table>
<tr><td rowspan="6">Personal Information</td><td>Name</td><td>Ling SUN</td><td>Gender</td><td>male</td><td rowspan="3">  </td></tr>
<tr><td>Academic Title</td><td colspan="3">Assistant Professor, Dr.</td></tr>
<tr><td>College</td><td colspan="3">Beijing University of Technology
Beijing Guyue New Materials Research Institute</td></tr>
<tr><td>Discipline</td><td colspan="4">Environmental, Materials</td></tr>
<tr><td>Email</td><td colspan="4">sunling@bjut.edu.cn</td></tr>
<tr><td>Mail Add.</td><td colspan="4">Faculty of Materials and Manufacturing, Beijing University of Technology, Pingleyuan 100,
Chaoyang District, Beijing</td></tr>
<tr><td>Educational Background</td><td colspan="5">Ph.D. (2013) in Hokkaido University, Sapporo, Japan
Master degree (2009) in China university of mining and technology (Beijing), Beijing China
Bachelor degree in Henan Polytechnic University, Henan, China</td></tr>
<tr><td>Working Experience</td><td colspan="5">From 2015 to now, a faculty in Beijing University of Technology (BJUT).</td></tr>
<tr><td>Research Interests</td><td colspan="5">2D Carbon materials for environmental & energy applications</td></tr>
<tr><td>Major Publications*</td><td colspan="5">1. Sun, L. Structure and Synthesis of Graphene Oxide. Chinese Journal of Chemical Engineering; 10.1016/j.cjche.2019.05.003 (2019).
2. Wang, Y., Panl, C., Chu, W., Vipin, A. K. & Sun, L. Environmental Remediation Applications of Carbon Nanotube and Graphene Oxide: Adsorption and Catalysis. Nanomaterials 9, 439; 10.3390/nano9030439 (2019).
3. Deng, W. et al. Visible-infrared dual-mode MoS2-graphene-MoS2 phototransistor with high ratio of the I ph/I dark. 2D Materials 5, 45027 (2018).
4. Deng, W. et al. High Detectivity from a Lateral Graphene-MoS 2 Schottky Photodetector Grown by Chemical Vapor Deposition. Advanced Electronic Materials 4, 1800069; 10.1002/aelm.201800069 (2018).
5. Sun, L. & Liu, D. Chemical activation of commercial CNTs with simultaneous surface deposition of manganese oxide nano flakes for the creation of CNTs-graphene supported oxygen reduction ternary composite catalysts applied in air fuel cell. Appl. Surf. Sci. 447, 518–527; 10.1016/j.apsusc.2018.04.025 (2018).
6. Zhao, C. et al. PdCo bimetallic nano-electrocatalyst as effective air-cathode for aqueous metal-air batteries. International Journal of Hydrogen Energy 43, 5001–5011; 10.1016/j.ijhydene.2018.01.140 (2018).
7. Huang, M. et al. Preparation of SiO2 nanowires from rice husks by hydrothermal method and the RNA purification performance. Chemical Physics Letters 662, 42–46 (2016).</td></tr>
<tr><td>Research Projects*</td><td colspan="5">Beijing Municipal Education Commission Science and Technology Plan,
National Natural Science Fund of China, and Beijing Natural Science Foundation.</td></tr>
<tr><td>Professional Membership</td><td colspan="5">China Technology Innovation Alliances of Bio-detection and Bio-monitoring
Nano Biomedical Society, Japan</td></tr>
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Potential Research Projects**	2D nanomaterials for high performance water decontamination

* Please list achievements of recent 5 years

** This CV is intended to match Chinese and Polish Scientists within SPUC member universities, and Potential Research Projects is intended to apply for Sino-Polish or EU scientific cooperation projects.