

## Representative Publication of Prof. Songnan QU

1. X. Bao, **S. Qu\***, et. al., "In vivo theranostics with near-infrared-emitting carbon dots-highly efficient photothermal therapy based on passive targeting after intravenous administration," *Light: Sci. Appl.*, 7:91, 2018
2. Z. Tian, **S. Qu\***, et. al., "Multilevel Data Encryption Using Thermal-Treatment Controlled Room Temperature Phosphorescence of Carbon Dot/Polyvinylalcohol Composites", *Adv. Sci.*, 1800795, 2018
3. Z. Zhou, **S. Qu\***, et. al., "Hydrogen Peroxide-Treated Carbon Dot Phosphor with a Bathochromic-Shifted, Aggregation-Enhanced Emission for Light-Emitting Devices and Visible Light Communication" *Adv. Sci.*, 1800369, 2018
4. D. Li, **S. Qu\***, et. al., "Near-Infrared Excitation/Emission and Multi-Photon-Induced Fluorescence of Carbon Dots" *Adv. Mater.*, 30, 1705913, 2018
5. D. Zhou, **S. Qu\***, et. al., "Carbon Dots Produced via Space-Confined Vacuum Heating: Keeping Efficient Luminescence in Both Dispersed and Aggregated State", *Nanoscale Horizons*, DOI: 10.1039/C8NH00247A, 2018
6. P. Jing, **S. Qu\***, et. al., "Surface Related Intrinsic Luminescence from Carbon Nanodots: Solvent Dependent Piezochromism", *Nanoscale Horizons*, DOI: 10.1039/C8NH00258D, 2018
7. **S. Qu\***, et. al., "Towards Efficient Orange Emissive Carbon Nanodots through Conjugated sp<sup>2</sup>-Domain Controlling and Surface Charges Engineering" *Adv. Mater.*, 28, 3516, 2016