Brief CV

Name	Dan XU	Gender	Female	
Title (Pro./Dr.)	Pro, Dr	Country	China	
Phone Number		**University Email**		
University/Department	School of Mechanical Engineering, Xi'an Jiaotong University, Shaanxi, China			
Personal Web Sites				
Research Area	CAD、Mechatronic Control			

Brief introduction of your research experience:

Ph.D., Professor, Famous teacher of Xi'an Jiaotong University、Vice Chairman of Shaanxi Institute of Graphics. Director of Mechanical Engineering Department, School of Mechanical Engineering, Xi'an Jiaotong University.

Mainly engaged in the research of key technologies such as CAD and hybrid energy storage systems, including: Research on Electric Vehicle Motor Control System, multi-energy energy storage system switching control, lithium battery, supercapacitor energy management system, etc. The relevant results of the past 5 years have been published in domestic and international journals. 《IEEE Transactions on Industrial Electronics》、《Journal of Power Sources》、《applied energy》、《ISA transactions》、《Energies》、《PLOS ONE》《Journal of Power Electronics》和《Automotive Engineering》、《Journal of Xi'an Jiaotong University》上。Published papers mainly include:

1. Jianlin Wang, Dan Xu, Huan Zhou, et al. Adaptive fractional order sliding mode control for Boost converter in the Battery/Supercapacitor HESS[J]. PLOS ONE, 2018, 13(4): e0196501. (WOS: 000431013300036)
2. Jianlin Wang, Dan Xu, Huan Zhou, et al. High-performance fractional order terminal sliding mode control strategy for DC-DC Buck converter [J]. PLOS ONE, 2017, 12(10): e0187152. (WOS: 000413910200035)
3. Jianlin Wang, Dan Xu, Guangliang Ma, Le Zhang, et al. A simple multimode hybrid energy storage system and factional order control strategy [J]. Energy Procedia, vol.152, p.532-537, 2018. (EI: 20185006245962)
4. Jianlin Wang, Le Zhang, Dan Xu, Peng Zhang, et al. A Simplified Fractional Order Equivalent Circuit Model and Adaptive Online Parameter Identification Method for Lithium-Ion Batteries [J]. Mathematical problems in engineering, 2019, Article ID 6019236. (WOS:000464813500001, EI: 20192106948637).