


# Brief CV

Name	Zhao Yan	Gender	Male	
Title (Pro./Dr.)	Pro.	Country	China	
Phone Number		<b>University Email</b>		
University/Department	Hunan University/ College of Mechanical and Vehicle Engineering			
Personal Web Sites	/			
Research Area	Mechanics of Soft materials, 3D/ 4D printing			
<p>Brief introduction of your research experience:</p> <p>My research area includes mechanics and additive manufacturing of soft materials. Study of the mechanical behavior of soft materials is very challenging. Understanding the physical mechanism behind the deformations in soft materials is of great importance for 3/ 4D printing of polymers and its derivatives, fabrication of functional surface, design of flexible electronic devices, etc. Different with soft materials, ceramic is hardly to machining for its high melting point, hardness and strength. Taking advantages of the soft materials, we have achieved 4D printing of the soft materials derived ceramics. Ceramic structures with high complexity have been fabricated. I have published 18 research papers, including 2 papers on the Journal of Mechanics and Physics of Solids, and several papers on Science Advances, Angewandte Chemie, ACS Nano, Nano Letter, etc. The published papers have been cited more than 300 times.</p>				