

## Lifelines

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**Xu Zhang** is a postgraduate student at Sichuan University, China. His research work focuses on the application of enzyme in leather manufacture.

**Xiaozhen Wan** is a junior of Biomass and Leather Engineering Department at Sichuan University, China. Her main research interests are leather biotechnologies.

**Jiao Xian** is a postgraduate student at Sichuan University, China, majoring in enzyme engineering.

**Biyu Peng** received his Masters Degree (1994) and PhD (1999) in Leather Chemistry and Engineering from Sichuan University, China. He pursued his postdoctoral research work as a visiting scientist in Leather Research Institute of Texas Tech University, USA, from 2004 to 2006. Now he is a Professor in National Engineering Laboratory for Cleaner Technology of Leather Manufacture, Sichuan University, China. Recently, his research fields mainly involve leather chemistry and engineering, enzyme engineering, biotechnology, cleaner technology for leather-making, green and functional chemical. (See *JALCA* **109** 207, 2014)

**Bin Lyu**, Vice Professor, received his PhD from Shaanxi University of Science and Technology in 2013. He works at the College of Bioresources Chemical and Materials Engineering, Shaanxi University of Science and Technology, He is mainly engaged in the synthesis of polymer and inorganic/organic nanocomposites, include fatliquoring agent, surface active agent and its application in the leather process.

**Ya-juan Li** is a postgraduate at the College of Bioresources Chemical and Materials Engineering, Shaanxi University of Science and Technology. She will receive her Masters degree in 2019. Her current research interests focus on the synthesis of micro-nanometer polymer/inorganic nanocomposites and its application in surface coating.

**Dang-ge Gao**, Professor, received her PhD degree from Shaanxi University of Science and Technology and Peking University. She worked as a visiting scholar at the University of California, Santa Cruz from 2017 to 2018. She works at the College of Bioresources Chemical and Materials Engineering, Shaanxi University of Science and Technology. Her research interests focus on synthesis of water-soluble functional polymer and polymer-based nanocomposites, include tanning agent, antibacterial agent and their application in the field of leather.

**Jian-zhong Ma**, Professor, received his PhD degree in polymer science and engineering from Zhejiang University in 1998. He then worked as a postdoctoral fellow at the Eastern Regional Research Center, ARS, USDA from 1999 to 2000. His research interests include synthesis of organic-inorganic nanocomposite materials, containing tanning agent, fatliquoring agent, finishing agent and their application in the field of leather.

**Lei-hong Lyu** gained her Master's degree in Light industry technology and Engineering at the college of Bioresources Chemical and Materials Engineering, Shaanxi University of Science and Technology in 2017. Her research interests focused on the synthesis of micro-nanometer polymer/inorganic nanocomposites and its application .

**Ying Song**, see *JALCA* **112**, 140, 2017

**Ya-nan Wang**, see *JALCA* **112**, 258, 2017

**Yunhang Zeng**, see *JALCA* **109**, 207, 2014

**Haopeng Wu**, see *JALCA* **112**, 140, 2017

**Bi Shi**, see *JALCA* **99**, 220, 2004

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Few people realize that Leather Making is the world's oldest manufacturing process, thus the world's oldest industry. Tanning—the process of converting hides and skins into leather—is also the world's first science.

Also, because of the pure craftsmanship involved, tanning may well be the world's first art form.

Anyone who doubts that a  
sheepskin has up to 30,000  
fibers per square inch has  
only to count them.

NOTHING TAKES THE  
PLACE OF LEATHER

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