

李 大 伟

1. 个人简介

李大伟，1989 年 2 月出生，2017 年东华大学非织造材料与工程专业毕业，获博士学位。2015-2017 年获留学基金委资助赴澳大利亚 Deakin 大学参加博士联合培养计划。2021 年 6 月晋升副研究员。现任江南大学纺织科学与工程学院副研究员，硕士生导师。



主要从事非织造材料与工程、纳米纤维材料、高温烟气过滤材料、生物医用纺织品的研究和教学工作，迄今发表 SCI 论文 30 余篇，其中以第一作者及通讯作者在 ACS App. Mat. Interfaces, J. Mater. Chem. B, Sep. Purf. Technol., Macromol Rapid. Commun., Colloid Surface. B 等期刊发表 SCI 论文 15 篇。编辑出版英文图书一本（《Application of Electrospun Fibers in Tissue Engineering》第二作者）。主持国家自然科学基金青年基金项目一项，中国博士后科学基金项目一项，江苏省博士后科学基金项目一项。指导两项作品获“全国大学生非织造材料开发与应用大赛”三等奖。

2. 研究生教育

(1) 硕士生

学术型研究生招生专业：纺织工程 研究方向：非织造材料与工程，生物医用纺织品

专业学位研究生招生专业：纺织工程 研究方向：非织造材料与工程

3. 联系方式

通信地址：江苏省无锡市蠡湖大道 1800 号 江南大学纺织科学与工程学院

邮 编：214122

办公室：纺织科学与工程学院 B417 室

Email: ldw@jiangnan.edu.cn

学术成果：

- [1] W. Dong, F. Liu, X. Zhou, L. Wang, Z. Zhao, Y. Zhou, H. Li, Q. Liu, B. Deng, **D. Li**. Superhydrophilic PVDF Nanofibrous Membranes with Hierarchical Structure based on Solution Blow Spinning for Oil-water Separation, Sep. Purf. Technol (2022).
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- [3] F. Liu, Y. Zhou, Y. Shen, L. Wang, **D. Li**, Q. Liu, B. Deng, The preparation of electrospun PVDF/TBAC multi morphology nanofiber membrane and its application in direct contact membrane distillation, *Macromol Rapid Commun* (2021) e2100286.
- [4] Y. Shen, **D. Li**, L. Wang, Y. Zhou, F. Liu, H. Wu, B. Deng, Q. Liu, Superelastic Polyimide Nanofiber-Based Aerogels Modified with Silicone Nanofilaments for Ultrafast Oil/Water Separation, *ACS Appl Mater Interfaces* 13(17) (2021) 20489-20500.
- [5] H. Liu, **D. Li**, Y. Shen, B. Deng, Preparation and Characterization of PTFE/PI Nanofiber Composite Assembled Sponges, *Fibers Polym.* 22 (2021) 664-675.
- [6] L. Wang, **D. Li**, Y. Shen, F. Liu, Y. Zhou, H. Wu, Q. Liu, B. Deng, Preparation of Centella asiatica loaded gelatin/chitosan/nonwoven fabric composite hydrogel wound dressing with antibacterial property, *Int J Biol Macromol.* 192 (2021) 350-359.
- [7] Y. Shen, L. Wang, F. Liu, H. Liu, **D. Li**, Q. Liu, B. Deng, Solvent Vapor Strengthened Polyimide Nanofiber-Based Aerogels with High Resilience and Controllable Porous Structure, *ACS Appl Mater Interfaces* 12(47) (2020) 53104-53114.
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- [10] B. Sun, Z. Zhou, **D. Li**, T. Wu, H. Zheng, J. Liu, G. Wang, Y. Yu, X. Mo, Polypyrrole-coated poly(l-lactic acid-co-epsilon-caprolactone)/silk fibroin nanofibrous nerve guidance conduit induced nerve regeneration in rat, *Materials science & engineering. C, Materials for biological applications* 94 (2019) 190-199.
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Guidance Conduit for Peripheral Nerve Regeneration in Vivo, ACS Appl Mater Interfaces 9(32) (2017) 26684-26696.

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