**Textile Processing and Application (2024－2025)**

1. [Reactive Dyeing of Wool Fabric Using Recycled Dyeing Wastewater](https://kns.cnki.net/kcms2/article/abstract?v=9oehDy4zW5a3EvMy4wufd2oMF8aqqeztqEnyHFrilRe6lgbZmExdIBRPA3MOgLPVEJHFRiS21q4MR756gZz4y9Bs8OM2lwntfJkXLy48lYUtKti8LZVd8HB9IXXNsJ-smIshN24Jc4sfx2daGZpa904L35XG6dsf1G0Yh3bSSKcIwQUL3XucAg==&uniplatform=NZKPT&language=CHS)

Citation: WANG B X, HAN B, ZHANG X Y, et al. Reactive dyeing of wool fabric using recycled dyeing wastewater[J]. *Journal of Donghua University* (*English Edition*), 2025, 42(2): 136-143.

1. [Influence of Lawsone Dye on Surface Properties of Polyethylene Terephthalate Fabric](https://kns.cnki.net/kcms2/article/abstract?v=9oehDy4zW5blDv05mNM5qvvFyFDAg6p-Us8kB2eaixz-lRriUMVF8tblxaEuEZ9TvzNwj_Digwn-NRe_M42E5s0ELtiGP4kGOrfc70YbhDZPDnHcoHNzJNwVLYkH9mflW3sRX9usetfSB0VHVnODU6Ibi8pxXcASlhZ3rjUZXsfHBHjt3m2EYg==&uniplatform=NZKPT&language=CHS)

Citation: HASHIM S, XUE D, BI X Y, et al. Influence of lawsone dye on surface properties of polyethylene terephthalate fabric[J]. *Journal of Donghua University* (*English Edition*), 2025, 42(1): 71-77.

1. [Review of Antifouling Finishing of Textiles: Theme, Evolution and Fabrication Methods](https://kns.cnki.net/kcms2/article/abstract?v=9oehDy4zW5YQUIYlhC_lCH_bCBlpnku4WUyCFuNZM13RLK97d9YMpxp1_Q0wZEIkVeQipzq-UbumGL-EuutkSffruAsYfI57Vkla1jQ405eUb4QB3U2He7kGJCyoLAnlbjU0jRuBqgTAzpoRCK_dXRbfa_ee7kN7DAQABDij_Thxf1PD2XKEvA==&uniplatform=NZKPT&language=CHS)

Citation: DING F M, GUO Y L, WANG Q M, et al. Review of antifouling finishing of textiles: theme, evolution and fabrication methods[J]. *Journal of Donghua University* (*English Edition*), 2024, 41(6): 616-629.

1. [Matching Dyeing and Properties of Silk Fabrics with Natural Edible Pigments](https://kns.cnki.net/kcms2/article/abstract?v=9oehDy4zW5YTPQoJwzzKklAhA_UB3m67cVUi11B44qGm3rEC8sWqaEggi_TSjIWBu5z1qHa6MQRjeLj_CqpA6Ks_MKmJBrfweFHBZeEU-loRU8qtPljLstqffm8NDI-6pNT81WY7Fn0xyEFdPuT1rVKZJo-PwQSJPfos88to4Xbe9RVfiTFbUg==&uniplatform=NZKPT&language=CHS)

Citation: CHEN Y Y, ZHOU S H, SU T, et al. Matching dyeing and properties of silk fabrics with natural edible pigments[J]. *Journal of Donghua University* (*English Edition*), 2024, 41(4): 428-435.

1. [Comparison of Output Voltages from Radio Frequency Energy Harvesting System with Textile Microstrip Single-Element and Array Antennas as Receiving Antennas](https://kns.cnki.net/kcms2/article/abstract?v=9oehDy4zW5ZcIAOgPJoS6Z14mNWB7vmIANb8CbyP93edeLUA_9EAdXBXO5t66xH5aYwY3eTEb1SljQSba8kIX3IxX1wnBEI8arhykrVMzLuRianKmTomCfIrmMKk4OduydgR3DmDprpdX4kVSZbrLK6FTZky2Ll4OwBJtne5E_x79-eFc_8e-Q==&uniplatform=NZKPT&language=CHS)

Citation: WANG N, LI M D, KUANG Y, et al. Comparison of output voltages from radio frequency energy harvesting system with textile microstrip single-element and array antennas as receiving antennas[J]. *Journal of Donghua University* (*English Edition*), 2024, 41(3): 275-281.

1. [Design and Development of Lightweight and Sheer Interactive Textile with Illumination](https://kns.cnki.net/kcms2/article/abstract?v=9oehDy4zW5bAhZhvFlW6qvQtwNSSwa4CLIylXNhChK-bxukbPlYxtyt5yNLeCkwA6njmCXmNBrMs1nnzAuwCKESnC6gTG9lwjFr9grlL_55k1oB7yBFGSc4vCZ060kRm-xfGirriimsCeLEugksvOnpY90cYCwL7XiUU8RCuA4e0veIK0FaUMg==&uniplatform=NZKPT&language=CHS)

Citation: GE L, TAN J. Design and development of lightweight and sheer interactive textile with illumination[J]. *Journal of Donghua University* (*English Edition*), 2024, 41(3): 282-288

1. [Application of Complex Green Reducing Agents in Indigo Dyeing](https://kns.cnki.net/kcms2/article/abstract?v=9oehDy4zW5Yt53Kr866x0venPbdzuRc6QCzwTOsS2e95HaaC8nlEzFg5CkuGveZEBOkOlQHqVE0a3Jm7V9lBPeBwGxVUa1es92EQ2YPDYWYKm-C5cwJdssvLoidB59jKVRo31l7pyUnCHeFZ5TVad297oV-2zprTn-6j9RyowsqsbPtGrwxwZA==&uniplatform=NZKPT&language=CHS)

Citation: ZHANG X L, DAI Y M, YANG X Y. Application of complex green reducing agents in indigo dyeing[J]. *Journal of Donghua University* (*English Edition*), 2024, 41(2): 156-161.

1. [Design and Development of Multi-Layer Honeycomb-Filled Woven Fabric with Enhanced Impact Resistance](https://kns.cnki.net/kcms2/article/abstract?v=9oehDy4zW5a6ZxI8OhN9-2Cyw9_HCSJeAfC-5w_8zD97yPWNWTh7fM3t9eGvGXX7CbAdI8m0qI77KvDi5Y20Gmh98gWW2Ay7Iimt1XeJZsoNPSepkGdeyi3RXhXtI10xgLP-dlzquicYQRPrLebD5dumkHlj_HCHx99RuiEKElXSbAsYbK7wVQ==&uniplatform=NZKPT&language=CHS)

Citation: WANG S Q, GE L, XUE W L, et al. Design and development of multi-layer honeycomb-filled woven fabric with enhanced impact resistance[J]. *Journal of Donghua University* (*English Edition*), 2024, 41(1): 37-45.