## References

- 1. Gokce Y, Aktas Z, Capar G, et al. Improved Antibacterial Property of Cotton Fabrics Coated with Waste Sericin/Silver Nanocomposite. *Materials Chemistry and Physics* 2020; 254: 123508.
- 2. Baydar G, Ciliz N, Mammadov A. Life Cycle Assessment of Cotton Textile Products in Turkey. Resources Conservation & Recycling 2015: 104: 213-223.
- 3. Harane RS, Adivarekar RV. Sustainable Processes For Pre-Treatment Of Cotton Fabric. Textiles and Clothing Sustainability 2017; 2(1): 1-9.
- 4. Kan CW, Lam CF, Chan CK et al. Using Atmospheric Pressure Plasma Treatment for Treating Grey Cotton Fabric. *Carbohydr Polym* 2014; 102(1):167-173.
- 5. Dong X, Gu Z, Hang C, et al. Study on the Salt-Free Low-Alkaline Reactive Cotton Dyeing in High Concentration of Ethanol in Volume. *Journal of Cleaner Production* 2019; 226: 316-323.
- Ayele M, Tesfaye T, Alemu D, et al. Natural Dyeing of Cotton Fabric with Extracts from Mango Tree: A Step Towards Sustainable Dyeing. *Sustainable Chemistry and Pharmacy* 2020; 17: 100293.
- 7. Panko J, Hitchcock K. Chemical Footprint Ensuring Product Sustainability. [2012-10-04]. http://chemrisknano.com/chemrisk/images/stories/Chemical\_Footprint\_Ensuring\_Product\_ Sustainability.pdf.
- 8. Roos S, Posner S, Jönsson C, et al. Is Unbleached Cotton Better Than Bleached? Exploring the Limits of Life-Cycle Assessment in the Textile Sector. *Clothing and Textiles Research Journal* 2015; 33(4): 448-459.
- 9. Roos S, Holmquist H, Jonsson C, et al. USEtox Characterisation Factors for Textile Chemicals Based on a Transparent Data Source Selection Strategy. *International Journal of Life Cycle Assessment* 2018; 23(4): 890-903.
- 10. Tian ZJ, Wang LL, Li Y. Calculation and Assessment of Chemical Footprint of Textiles and Apparel. *Silk* 2019; 56(1): 33-37.
- 11. Yi L, Yan L, Qing H. Chemical Footprint of Textile and Apparel Products: An Assessment of Human and Ecological Toxicities Based on USEtox Model. *The Journal of the Textile Institute* 2020; DOI: 10.1080/00405000.2019.1710907.
- 12. Qian JH, Qiu YY, Yang YD. Accounting and Evaluation of Chemical Footprint of Cotton Woven Fabrics. *Industrial Textila* 2020; 71(3): 209-214.
- 13. Hauschild MZ, Huijbregts M, Jolliet O, et al. Building a Model Based on Scientific Consensus for Life Cycle Impact Assessment of Chemicals: The Search for Harmony and Parsimony. *Environmental Science & Technology* 2008; 42: 7032-7037.
- Luo D, Wang X. The Multi-Attribute Grey Target Decision Method for Attribute Value within Three-Parameter Interval Grey Number. *Applied Mathematical Modelling* 2012; 36(5): 1957-1963.

- 15. Ren XQ, Zhang HM, Hu RH, et al. Location of Electric Vehicle Charging Stations: A Perspective using the Grey Decision-Making Model. *Energy* 2019; 173: 548-553.
- Lv LS, Deng ZH, Meng HJ, et al. A Multi-Objective Decision-Making Method for Machining Process Plan and an Application. *Journal of Cleaner Production* 2020; 260: 121072.
- 17. Buschle-Diller G, Yang XD, Yamamoto R. Enzymatic Bleaching of Cotton Fabric with Glucose Oxidase. *Textile Research Journal* 2001; 71(5): 388-394.
- 18. Farooq A, Ali S, Abbas N, et al. Comparative Performance Evaluation of Conventional Bleaching and Enzymatic Bleaching with Glucose Oxidase on Knitted Cotton Fabric. *Journal of Cleaner Production* 2013; 42: 167-171.
- 19. Eren HA, Anis P, Davulcu A. Enzymatic One-bath Desizing Bleaching Dyeing Process for Cotton Fabrics. *Textile of Research Journal* 2009; 79(12): 1091–1098.
- 20. Easson M, Condon B Villalpando A, et al. The Application of Ultrasound and Enzymes in Textile Processing of Greige Cotton. *Ultrasonics London Then Amsterdam* 2018; 84: 223-233.
- 21. Vankar P S, Shanker R. Ecofriendly Ultrasonic Natural Dyeing of Cotton Fabric with Enzyme Pretreatments. *Desalination* 2008; 230(1-3): 62-69.
- 22. Liu S Q, Chen Z Y, Sun J P, et al. Ecofriendly Pretreatment of Grey Cotton Fabric with Enzymes in Supercritical Carbon Dioxide Fluid. *Journal of Cleaner Production* 2016; 120: 85-94.
- 23. Pu DJ, Zhong Q, Wang JP. Anhydrous Softening Finishing of Cotton Towel at Low Temperature. *Journal of Zhejiang Sci-Tech University* 2016; 35(3): 327-332.
- 24. Chen GX. Development Retrospect and Direction Discuss of Fabric Softeners. *Textile Auxiliaries* 2019; 36(2): 9-12.
- 25. Bansode AS, Pukale DD, Jadhav NL, et al. Sonochemical Enzymatic Esterification of Oleic Acid and Tri-Ethanolamine for a Fabric Softener in Textile Application. *Chemical Engineering and Processing: Process Intensification* 2019; 137: 128-136.
- 26. Mohammad I, Hongjuan Z, Uzma S, et al. Low Liquor Dyeing of Cotton Fabric with Reactive Dye By an Eco-Friendly Technique. *Journal of Cleaner Production* 2018; 197: 1480-1487.
- 27. Elmaaty TA, Kazumasa H, Elsisi H, et al. Pilot Scale Water Free Dyeing of Pure Cotton Under Supercritical Carbon Dioxide. *Carbohydrate Polymer Technologies and Applications* 2020; 1, 25 December:100010.
- 28. Luo X, White J, Thompson R, et al. Novel Sustainable Synthesis of Dyes for Clean Dyeing of Wool and Cotton Fibres in Supercritical Carbon Dioxide. *Journal of Cleaner Production* 2018; 199: 1-10.