

# Jinsong Shen

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/321889/jinsong-shen-publications-by-year.pdf>

**Version:** 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

|                   |                       |                |                 |
|-------------------|-----------------------|----------------|-----------------|
| 28<br>papers      | 442<br>citations      | 12<br>h-index  | 20<br>g-index   |
| 29<br>ext. papers | 516<br>ext. citations | 3.6<br>avg, IF | 3.83<br>L-index |

| #  | Paper  | IF   | Citations |
|----|--|------|-----------|
| 28 | Peroxidase-catalysed coloration of wool fabrics. <i>Coloration Technology</i> , <b>2021</b> , 137, 93-107  | 2    | 0         |
| 27 | The Influence of Moisture Content on Shrinkage of Wool Fabrics during Domestic Tumble Drying Process. <i>Fibers and Polymers</i> , <b>2021</b> , 22, 559-566   | 2    | 3         |
| 26 | The influence of mechanical action on felting shrinkage of wool fabric in the tumble dryer. <i>Textile Reseach Journal</i> , <b>2020</b> , 90, 2367-2375   | 1.7  | 6         |
| 25 | Innovative Technologies for Sustainable Textile Coloration, Patterning, and Surface Effects. <i>Sustainable Textiles</i> , <b>2020</b> , 99-127  | 1.1  | 3         |
| 24 | Laccase-catalyzed polymerization of hydroquinone incorporated with chitosan oligosaccharide for enzymatic coloration of cotton. <i>Applied Biochemistry and Biotechnology</i> , <b>2020</b> , 191, 605-622 | 3.2  | 4         |
| 23 | Dimensional change of wool fabrics in the process of a tumble-drying cycle. <i>Textile Reseach Journal</i> , <b>2019</b> , 89, 4702-4709   | 1.7  | 5         |
| 22 | Enzymatic treatment of wool and silk fibers <b>2019</b> , 77-105   |      | 8         |
| 21 | Chitosan-templated bio-coloration of cotton fabrics via laccase-catalyzed polymerization of hydroquinone. <i>Engineering in Life Sciences</i> , <b>2019</b> , 19, 643-654                                  | 3.4  | 5         |
| 20 | Enzymatic Thiol-Ene Click Reaction: An Eco-Friendly Approach for MPEGMA-Grafted Modification of Wool Fibers. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 13446-13455               | 8.3  | 12        |
| 19 | Selective enzymatic modification of wool/polyester blended fabrics for surface patterning. <i>Journal of Cleaner Production</i> , <b>2019</b> , 211, 909-921   | 10.3 | 11        |
| 18 | Disulfide bond reconstruction: A novel approach for grafting of thiolated chitosan onto wool. <i>Carbohydrate Polymers</i> , <b>2019</b> , 203, 369-377  | 10.3 | 44        |
| 17 | Laccase-catalyzed poly(ethylene glycol)-templated $\alpha$ -lipol polymerization of caffeic acid for functionalization of wool fabrics. <i>Journal of Cleaner Production</i> , <b>2018</b> , 191, 48-56    | 10.3 | 15        |
| 16 | Enzymatic coloration and finishing of wool with laccase and polyethylenimine. <i>Textile Reseach Journal</i> , <b>2018</b> , 88, 1834-1846   | 1.7  | 14        |
| 15 | Laccase-catalyzed polymerization of diaminobenzenesulfonic acid for pH-responsive color-changing and conductive wool fabrics. <i>Textile Reseach Journal</i> , <b>2018</b> , 88, 2258-2266                 | 1.7  | 14        |
| 14 | Smart Garment Fabrics to Enable Non-Contact Opto-Physiological Monitoring. <i>Biosensors</i> , <b>2018</b> , 8,  | 5.9  | 3         |
| 13 | Laccase-catalysed coloration of wool and nylon. <i>Coloration Technology</i> , <b>2018</b> , 134, 423-439  | 2    | 9         |
| 12 | Development of durable shrink-resist coating of wool with sol-gel polymer processing. <i>Fibers and Polymers</i> , <b>2017</b> , 18, 1769-1779   | 2    | 17        |

|    |   |     |    |
|----|---|-----|----|
| 11 | Laccase-catalyzed in-situ dyeing of wool fabric. <i>Journal of the Textile Institute</i> , <b>2015</b> , 1-9  | 1.5 | 4  |
| 10 | Enzymatic treatment of wool pre-treated with cetyltrimethylammonium bromide to achieve machine washability. <i>Biocatalysis and Biotransformation</i> , <b>2012</b> , 30, 38-47                                     | 2.5 | 12 |
| 9  | Surface modification of wool with protease extracted polypeptides. <i>Journal of Biotechnology</i> , <b>2011</b> , 156, 134-40  | 3.7 | 28 |
| 8  | The removal of lipid from the surface of wool to promote the subsequent enzymatic process with modified protease for wool shrink resistance. <i>Biocatalysis and Biotransformation</i> , <b>2010</b> , 28, 329-338  | 2.5 | 10 |
| 7  | Covalent bonding of protease to different sized enteric polymers and their potential use in wool processing. <i>Enzyme and Microbial Technology</i> , <b>2010</b> , 47, 105-111                                     | 3.8 | 22 |
| 6  | Industrial production of enzyme-modified wool fibers for machine-washable bed coverings. <i>Biotechnology Journal</i> , <b>2009</b> , 4, 1441-9   | 5.6 | 8  |
| 5  | Development and industrialisation of enzymatic shrink-resist process based on modified proteases for wool machine washability. <i>Enzyme and Microbial Technology</i> , <b>2007</b> , 40, 1656-1661                 | 3.8 | 73 |
| 4  | Immobilization of proteases with a water soluble/insoluble reversible polymer for treatment of wool. <i>Enzyme and Microbial Technology</i> , <b>2006</b> , 39, 634-640   | 3.8 | 93 |
| 3  | An ethoxylated alkyl phosphate (anionic surfactant) for the promotion of activities of proteases and its potential use in the enzymatic processing of wool. <i>Biotechnology Letters</i> , <b>2006</b> , 28, 717-23 | 3   | 16 |
| 2  | Development of a bioprocess combined with membrane technology for the treatment and recycling of textile effluent. <i>Coloration Technology</i> , <b>2005</b> , 121, 310-314  | 2   | 3  |
| 1  | Investigation of fabric movement in a tumble dryer for the development of drying methods for wool fabrics to save energy. <i>Textile Research Journal</i> , 004051752110620   | 1.7 |    |