

DAFTAR PUSTAKA

- Almeida, L. (2006) “Functionalisation of textiles: future perspectives,” (351), hal. 1–4. Tersedia pada: <http://repository.sdm.uminho.pt/handle/1822/6041>.
- Alongi, J. dkk. (2013) *Update on Flame Retardant Textiles : State of the Art, Environmental Issues and Innovative Solutions*. Tersedia pada: https://air.unimi.it/handle/2434/464835#.W_xEgAVa47s.mendeley.
- Alongi, J. dkk. (2014) “A new era for flame retardant materials?,” *Materials Today*. Elsevier Ltd., 17(4), hal. 152–153. doi: 10.1016/j.mattod.2014.04.005.
- Alongi, J. dan Malucelli, G. (2015) “Cotton flame retardancy: State of the art and future perspectives,” *RSC Advances*. Royal Society of Chemistry, 5(31), hal. 24239–24263. doi: 10.1039/c5ra01176k.
- Basak, S. dkk. (2015) “Banana pseudostem sap : A waste plant resource for making thermally stable cellulosic substrate.” doi: 10.1177/1528083715591580.
- Basak, S. dkk. (2016) “Green coconut shell extract and boric acid : new formulation for making thermally stable cellulosic paper,” (December 2015). doi: 10.1002/jctb.4903.
- Basak, S. dan Ali, S. W. (2016) “Sustainable fire retardancy of textiles using bio-macromolecules,” *Polymer Degradation and Stability*. Elsevier Ltd. doi: 10.1016/j.polymdegradstab.2016.07.019.
- Basak, S. dan Ali, S. W. (2017) “Leveraging flame retardant efficacy of pomegranate rind extract, a novel biomolecule, on ligno-cellulosic materials,” *Polymer Degradation and Stability*. Elsevier Ltd. doi: 10.1016/j.polymdegradstab.2017.07.025.
- Basak, S. dan Ali, S. W. (2018) “Fire resistant behaviour of cellulosic textile functionalized with wastage plant bio-molecules: A comparative scientific report.” Elsevier B.V, hal. #pagerange#. doi: 10.1016/j.ijbiomac.2018.03.109.
- Basak, S. dan Ali, S. W. (2019) “Sodium tri-polyphosphate in combination with pomegranate rind extracts as a novel fire-retardant composition for cellulosic polymer,” *Journal of Thermal Analysis and Calorimetry*. Springer International Publishing, 0123456789. doi: 10.1007/s10973-019-08034-w.
- Basak, S., Samanta, K. K. dan Chattopadhyay, S. K. (2014) “The Journal of The Textile Institute Fire retardant property of cotton fabric treated with herbal extract,” (February 2015), hal. 37–41. doi: 10.1080/00405000.2014.995456.
- Basak, S., Samanta, K. K. dan Chattopadhyay, S. K. (2016) “Green fire retardant finishing and combined dyeing of proteinous wool fabric Coloration Technology,” hal. 135–143. doi: 10.1111/cote.12200.

- Basak, S. dan Wazed Ali, S. (2019) "Wastage pomegranate rind extracts (PRE): a one step green solution for bioactive and naturally dyed cotton substrate with special emphasis on its fire protection efficacy," *Cellulose*. Springer Netherlands, 26(5), hal. 3601–3623. doi: 10.1007/s10570-019-02327-x.
- Basuk, M. dkk. (2018) "Moisture Management Properties of Textiles and Its Evaluation," *Current Trends in Fashion Technology & Textile Engineering*, 3(3). doi: 10.19080/ctftte.2018.03.555611.
- Chan, S. Y. dkk. (2018) "A novel boron–nitrogen intumescent flame retardant coating on cotton with improved washing durability," *Cellulose*. Springer Netherlands, 25(1), hal. 843–857. doi: 10.1007/s10570-017-1577-2.
- Cocinero, E. J. dkk. (2009) "The building blocks of cellulose: The intrinsic conformational structures of cellobiose, its epimer, lactose, and their singly hydrated complexes," *Journal of the American Chemical Society*, 131(31), hal. 11117–11123. doi: 10.1021/ja903322w.
- Dalton, E. (2009) *Durable Flame Retardant and Antimicrobial Nano-Finishing*.
- Fang, D. D. (2018) *Cotton Fiber: Physics, Chemistry and Biology*, *Cotton Fiber: Physics, Chemistry and Biology*. doi: 10.1007/978-3-030-00871-0.
- Häkkinen, S. dkk. (1999) "Screening of selected flavonoids and phenolic acids in 19 berries," *Food Research International*, 32(5), hal. 345–353. doi: 10.1016/S0963-9969(99)00095-2.
- HONG KHANH, V. T. dan HUONG, N. T. (2019) "Influence of crosslinking agent on the effectiveness of flame retardant treatment for cotton fabric," *Industria Textila*, 70(05), hal. 413–420. doi: 10.35530/it.070.05.1610.
- Horrocks, A. dkk. (2018) "Environmentally Sustainable Flame Retardant Surface Treatments for Textiles: The Potential of a Novel Atmospheric Plasma/UV Laser Technology," *Fibers*, 6(2), hal. 31. doi: 10.3390/fib6020031.
- Horrocks, A. R. (2011) "Flame retardant challenges for textiles and fibres : New chemistry versus innovative solutions," *Polymer Degradation and Stability*. Elsevier Ltd, 96(3), hal. 377–392. doi: 10.1016/j.polymdegradstab.2010.03.036.
- Hull, R. dan Kandola, B. K. (2009) *Fire Retardancy of Polymers*.
- Ignat, I., Volf, I. dan Popa, V. I. (2011) "A critical review of methods for characterisation of polyphenolic compounds in fruits and vegetables," *Food Chemistry*. Elsevier Ltd, 126(4), hal. 1821–1835. doi: 10.1016/j.foodchem.2010.12.026.
- Jajpura, L., Rangi, A. dan Khandual, A. (2020) *Natural finishes, technologies and recent developments, Sustainable Technologies for Fashion and Textiles*. Elsevier Ltd. doi: 10.1016/b978-0-08-102867-4.00010-4.

Kadam, S. dkk. (2019) "Utilization of Rice Straw as a Source of Biomolecules for Sustainable Multifunctional Finishing Vis a Vis Dyeing of Wool," *Journal of Natural Fibers*, 0478. doi: 10.1080/15440478.2019.1581120.

Karthikeyan, G. dkk. (2017) "Moisture Management Properties of Bamboo Viscose/Tencel Single Jersey Knitted Fabrics," *Journal of Natural Fibers*. Taylor & Francis, 14(1), hal. 143–152. doi: 10.1080/15440478.2016.1187700.

Kaynak, C., Gunduz, H. O. dan Isitman, N. A. (2010) "Use of Nanoclay as an Environmentally Friendly Flame Retardant Synergist in Polyamide-6," *Journal of Nanoscience and Nanotechnology*, 10(11), hal. 7374–7377. doi: 10.1166/jnn.2010.2768.

Kementerian Pertanian (2020) *Produksi Kelapa Menurut Provinsi di Indonesia*.

Khandual, A. dan Luximon, A. (2015) "Fire Protection : Flammability and textile fibres," (May 2014).

Kibria, A. A. dan Rahman, M. (2018) "EXTRACTION AND EVALUATION OF PHYTOCHEMICALS FROM GREEN COCONUT (COCOS NUCIFERA) SHELL," 1(2), hal. 19–22.

Mahlzig, B., Haufe, H. dan Böttcher, H. (2005) "Functionalisation of textiles by inorganic sol-gel coatings," *Journal of Materials Chemistry*, 15(41), hal. 4385–4398. doi: 10.1039/b505177k.

Malucelli, G. dkk. (2014) "Biomacromolecules as novel green flame retardant systems for textiles: An overview," *RSC Advances*. Royal Society of Chemistry, 4(86), hal. 46024–46039. doi: 10.1039/c4ra06771a.

Malucelli, G. (2019a) "Biomacromolecules and Bio-Sourced Products for the Design of Flame Retarded Fabrics : Current State of the Art and Future Perspectives."

Malucelli, G. (2019b) *Textile finishing with biomacromolecules: A low environmental impact approach in flame retardancy, The Impact and Prospects of Green Chemistry for Textile Technology*. Elsevier Ltd. doi: 10.1016/B978-0-08-102491-1.00009-5.

Mengal, N. dkk. (2016) "Citric acid based durable and sustainable flame retardant treatment for lyocell fabric," *Carbohydrate Polymers*. Elsevier Ltd., 153, hal. 78–88. doi: 10.1016/j.carbpol.2016.07.074.

Mohsin, M. dkk. (2013) "Performance enhancement of fire retardant finish with environment friendly bio cross-linker for cotton," *Journal of Cleaner Production*. Elsevier Ltd, 51, hal. 191–195. doi: 10.1016/j.jclepro.2013.01.031.

Mohsin, M. dkk. (2016) "Maleic acid crosslinking of C-6 fluorocarbon as oil and water repellent finish on cellulosic fabrics," *Journal of Cleaner Production*. Elsevier Ltd, 112, hal. 3525–3530. doi: 10.1016/j.jclepro.2015.10.045.

- Montazer, M. (2018) *Nanofinishing of Textile Materials*, Woodhead Publishing.
- Musa, A. B. H. dkk. (2018) “Analysis and Comparison of Thickness and Bending Measurements from Fabric Touch Tester (FTT) and Standard Methods,” *Autex Research Journal*, 18(1), hal. 51–60. doi: 10.1515/aut-2017-0011.
- Nam, S. dkk. (2017) “Intumescence flame-retardant cotton produced by tannic acid and sodium hydroxide,” *Journal of Analytical and Applied Pyrolysis*, 126(February), hal. 239–246. doi: 10.1016/j.jaat.2017.06.003.
- Neisius, M. dkk. (2015) *Flame retardant finishes for textiles, Functional Finishes for Textiles: Improving Comfort, Performance and Protection*. Woodhead Publishing Limited. doi: 10.1533/9780857098450.2.429.
- Palaskar, S. S., Desai, A. N. dan Shukla, S. R. (2016) “Development of multifunctional cotton fabric using atmospheric pressure plasma and nano-finishing,” *The Journal of The Textile Institute*, 107(3), hal. 405–412. doi: 10.1080/00405000.2015.1034932.
- Rojas, J. dan Azevedo, E. (2011) “Review Article FUNCTIONALIZATION AND CROSSLINKING OF MICROCRYSTALLINE CELLULOSE IN AQUEOUS MEDIA ;,” 8(1).
- Roy Choudhury, A. K. (2017a) “Flame- and fire-retardant finishes,” in. doi: 10.1016/B978-0-08-100646-7.00008-4.
- Roy Choudhury, A. K. (2017b) *Principles of Textile Finishing, Principles of Textile Finishing*. doi: 10.1016/c2014-0-04207-4.
- Samanta, K. K., Basak, S. dan Chattopadhyay, S. K. (2017) *Sustainable Dyeing and Finishing of Textiles Using Natural Ingredients and Water-Free Technologies*. doi: 10.1007/978-981-10-2185-5.
- Sargin, . dan Arslan, G. (2016) “Effect of glutaraldehyde cross-linking degree of chitosan/sporopollenin microcapsules on removal of copper(II) from aqueous solution,” *Desalination and Water Treatment*, 57(23), hal. 10664–10676. doi: 10.1080/19443994.2015.1038738.
- Schindler, W. D. dan Hauser, P. J. (2004) *Chemical Finishing of Textiles, Chemical Finishing of Textiles*. doi: 10.1533/9781845690373.
- Shumaila Hameed, Muhammad Ajaz Hussain, Rashid Masood, M. T. H. (2016) “Cross-Linking of Cotton Fabric Using Maleic Anhydride and Sodium Hypophosphite,” *Cellulose Chemistry and Technology*, 50(2), hal. 321–328.
- SNI 0264:2015/Amd.1:2017 (2017) “Tekstil – Cara uji identifikasi serat pada bahan tekstil.”
- SNI 0276:2009 (2009) “cara uji kekuatan tarik dan mulur kain tenun.”

- SNI 08-1512-1989 (1989) "Cara uji tahan api," *Standar Nasional Indonesia*.
- SNI 7648:2010 (2010) "Tekstil - Cara uji daya tembus udara pada kain Textiles - Determination of the permeability of fabrics to air," *Standar Nasional Indonesia*.
- SNI ISO 3801:2010 (2010) "Tekstil - Kain tenun - Cara uji berat kain per satuan panjang dan berat kain per satuan luas Textiles - Woven fabrics - Determination of mass per unit length and mass per unit area."
- SNI ISO 6330 (2015) "Textiles — Domestic washing and drying procedures for textile testing."
- SNI ISO 7211-1:2010 (2010) "Tekstil - Kain tenun - Konstruksi - Metoda analisa - Bagian 1: Cara menggambar anyaman dan rencana tenun, cucukan dan pengangkatan gun."
- SNI ISO 7211-2:2010 (2010) "Tekstil - Kain tenun - Konstruksi - Metoda analisa - Bagian 2: Cara uji tetal benang per satuan panjang."
- SNI ISO 7211-5:2010 (2010) "Tekstil - Kain tenun - Konstruksi - Metoda analisa - Bagian 5: Cara uji nomor benang yang diambil dari kain."
- Tang, K. po M. dkk. (2017) "Effect of softener and wetting agent on improving the flammability, comfort, and mechanical properties of flame-retardant finished cotton fabric," *Cellulose*. Springer Netherlands, 24(6), hal. 2619–2634. doi: 10.1007/s10570-017-1268-z.
- Teli, M. D. dan Pandit, P. (2017a) *Development of thermally stable and hygienic colored cotton fabric made by treatment with natural coconut shell extract*. doi: 10.1177/1528083717725113.
- Teli, M. D. dan Pandit, P. (2017b) "Novel Method of Ecofriendly Single Bath Dyeing and Functional Finishing of Wool Protein with Coconut Shell Extract Biomolecules." doi: 10.1021/acssuschemeng.7b02078.
- Teli, M. D., Pandit, P. dan Basak, S. (2018) "Coconut shell extract imparting multifunction properties to ligno-cellulosic material," *Journal of Industrial Textiles*, 47(6), hal. 1261–1290. doi: 10.1177/1528083716686937.
- Tetrapack (tanpa tanggal) *Composition / Coconut Handbook*. Tersedia pada: <https://coconuthandbook.tetrapak.com/chapter/composition>.
- Troynikov, O. dan Wardiningsih, W. (2011) "Moisture management properties of wool/ polyester and wool/bamboo knitted fabrics for the sportswear base layer," *Textile Research Journal*, 81(6), hal. 621–631. doi: 10.1177/0040517510392461.
- Veerappagounder, S., Nalankilli, G. dan Shanmugasundaram, O. L. (2014) "Study on properties of cotton fabric incorporated with diammonium phosphate flame retardant through cyclodextrin and 1,2,3,4-butane tetracarboxylic acid binding system," *Journal of Industrial Textiles*, 45(6), hal. 1204–1220. doi:

10.1177/1528083714555780.

Wang, C. dkk. (2018) “Flame-retardant rigid polyurethane foam with a phosphorus-nitrogen single intumescence flame retardant,” *Polymers for Advanced Technologies*, 29(1), hal. 668–676. doi: 10.1002/pat.4105.

Widodo, M. dkk. (2019) “Penyempurnaan Tahan Api Dan Antibakteri Pada Kain Kapas Dengan N-Metilol Dimetilfosfonopropionamida (Pyrovatex Cp New) Dan Kitosan Menggunakan Plasma Lucutan Korona,” *Arena Tekstil*, 34(2). doi: 10.31266/at.v34i2.5709.

Wulandari, A., Bahri, S. dan Mappiratu (2018) “AKTIVITAS ANTIBAKTERI EKSTRAK ETANOL SABUT KELAPA (Cocos nucifera Linn) PADA BERBAGAI TINGKAT KETUAAN [Antibacterial],” 4(3), hal. 276–284.

Yang, C. Q., He, Q. dan Voncina, B. (2011) “Cross-linking cotton cellulose by the combination of maleic acid and sodium hypophosphite. 2. Fabric fire performance,” *Industrial and Engineering Chemistry Research*, 50(10), hal. 5889–5897. doi: 10.1021/ie1022892.

Yusuf, M. (2018) “A Review on Flame Retardant Textile Finishing: Current and Future Trends,” *Current Smart Materials*, 3(2), hal. 99–108. doi: 10.2174/2405465803666180703110858.

Zhang, K. K. dkk. (2016) “Improve the flame retardancy of cellulose fibers by grafting zinc ion,” *Carbohydrate Polymers*. Elsevier Ltd., 136, hal. 121–127. doi: 10.1016/j.carbpol.2015.09.026.

Zhang, M. dkk. (2015) “Effects of a novel phosphorus-nitrogen flame retardant on rosin-based rigid polyurethane foams,” *Polymer Degradation and Stability*. Elsevier Ltd, 120, hal. 427–434. doi: 10.1016/j.polymdegradstab.2015.08.001.

Zheng, D. dkk. (2016) “A novel durable and high-phosphorous-containing flame retardant for cotton fabrics,” *Cellulose*. Springer Netherlands, 23(3), hal. 2211–2220. doi: 10.1007/s10570-016-0949-3.