

DAFTAR PUSTAKA

- Achenbach, H., Blümm, E. (1989) 'Investigation of the pigments of *Pycnoporus sanguineus* - *Pycnosanguin* and new phenoxazin-3-ones', Vol 324: 3-6.
- Cristea, D. and Vilarem, G. (2006) 'Improving light fastness of natural dyes on cotton yarn', *Dyes and Pigments*, 70(3), pp. 238–245.
- Dietliker, K. (2011) *Photochemistry*. Edited by A. Albini. Cambridge: RSC Publishing.
- Fessenden, R.J. and Fessenden, J.S. (1982) *Kimia Organik*, Edisi Ketiga, Penerbit Erlangga, Jakarta.
- Fornsgaard, I.S., Mortensen, A.G., Carlsen, S.C.K. (2004) 'Microbial transformation products of benzoxazolinone and benzoxazinone allelochemicals: A Review', *Chemosphere*, Vol 54, Pp. 1025-1038.
- Hari, R. K., Patel, T. R. and Martin, A. M. (1994) 'An overview of pigment production in biological systems: Functions, biosynthesis, and applications in food industry', *Food Reviews International*, 10(1), pp. 49–70.
- Huang, L., Xiao, L. and Yang, G. (2018) 'Fashion Technology & Textile Engineering Chitosan Application in Textile Processing', 4(2), pp. 3–5.
- Jiang, X.H., Xie, Y.C., Huang, Y.L. (2007), 'Analysis of zilanine in extract of *Peristrophe bivalvis* by RP-HPLC', *Guihaia*, Vol 27, pp. 958-960.
- Kim, S. (2006) 'Dyeing Characteristics and UV Protection Property of Green Tea Dyed Cotton Fabrics—Focusing on the Effect of Chitosan Mordanting Condition', 7(3), pp. 255–261.
- Kim, T. *et al.* (2008) 'Functional Dyeing and Finishing using Catechins Extracted from Green Tea - Extraction Optimization, Stability, and Content Analysis of Catechins -', 20(2), pp. 75–82.
- Kwartiningsih, E. and Evitasari, R.T. (2013) 'Ekstraksi dan uji stabilitas antosianin dari bunga pukul empat (*Mirabilis jalapa* L.)', *Simposium Nasional RAPI XII*, pp. K-7-K-13.
- Lee, J. J. *et al.* (2001) 'UV absorber aftertreatment to improve lightfastness of natural dyes on protein fibres', *Coloration Technology*, 117(3), pp. 134–138.

- Mamnicka, J. and Czajkowski, W. (2012) 'New fiber-reactive UV-absorbers increasing protective properties of cellulose fibres', *Cellulose*, 19(5), pp. 1781–1790.
- Montgomery, D. C. and Anderson-Cook, M. C. (2016) *Response Surface Methodology: Process and Product Optimization Using Designed Experiments*, WILEY.
- Moses, J. J. and Venkataraman, V. K. (2015) 'Functional finishes on various chemical treated cotton fabric using chitosan', *Asian Dyer*, 12(6), pp. 51–58.
- Nowakowska-Oleksy, A., Sołoducho, J. and Cabaj, J. (2011) 'Phenoxazine based units-synthesis, photophysics and electrochemistry', *Journal of Fluorescence*, 21(1), pp. 169–178.
- Oda, H. (2001) 'Improvement of the light fastness of natural dyes: the action of singlet oxygen quenchers on the photofading of red carthamin', *Coloration Technology*, 117(4), pp. 204–208.
- Oda, H. (2012) 'Improving light fastness of natural dye: Photostabilisation of gardenia blue', *Coloration Technology*, 128(1), pp. 68–73.
- Okafor, C. O. (1986) 'Synthesis, properties and uses of angular phenoxazines', *Dyes and Pigments*, 7(2), pp. 103–131.
- Patel, B.H., 2011, *Natural Dyes*, New Delhi: Woodhead Publishing Limited
- Quan, N. Van *et al.* (2016) 'The Potential Use of a Food-Dyeing Plant *Peristrophe bivalvis* (L.) Merr. in Northern Vietnam', *International Journal of Pharmacology, Phytochemistry and Ethnomedicine*, 4, pp. 14–26.
- Rahayuningsih, E., Fitriya, R. (2017) *Laporan Penelitian Penentuan Kondisi Optimum Penambahan Ekstrak Teh Hijau Sebagai Senyawa UV Protection Pada Kain Dengan Pewarna Alami*, Teknik Kimia UGM.
- Rahayuningsih, E., Muslimin, M.K. (2017) *Laporan Penelitian Ekstraksi Zat Warna Alami dari Daun Noja*, Teknik Kimia UGM.
- Repon, R., Islam, M. T. and Mamun, A. Al (2016) 'Promising Effect of Metallic Mordants on Colorimetric Physiognomy of Dyed Cotton Fabric Employing Banana (*Musa Sapientum*) Agricultural Waste', 4(3), pp. 39–45.
- Samanta, A.K. (2009) 'Dyeing of textile with Natural Dye', New Delhi: Intechopen.

- Savvidis, G., et al. (2013) 'Digital and Conventional printing and dyeing with the natural dyeannatto: optimization and standardization processes to meet future demands', *Color Technology Journal*, Vol 129, pp. 55–63.
- Schindler, W. D. and Hauser, P. J. (2004) *Chemical finishing of textiles*, The Textile India: Woodhead Publishing.
- Shamey, R. and Zhao, X. (2014) *Modelling, simulation and control of the dyeing process*, The Textile India: Woodhead Publishing.
- Sharif, M. *et al.* (2017) 'Surface Modification of Silk Fiber with Chitosan and studies of dyeing enhance ability with antimicrobial properties', *International Journal of Advanced Research in Science, Engineering and Technology*, 4(10), pp. 4776–4784.
- Shen, Y. *et al.* (2014) 'Improving anti-UV performances of cotton fabrics via graft modification using a reactive UV-absorber', *Cellulose*, 21(5), pp. 3745–3754.
- Shin, Y., Choi, M. and Yoo, D. Il (2010) 'Green Chemistry in Natural Dyeing : Application of Chitosan for Dyeing Protein / Cellulose Blend Fabric Green Chemistry in Natural Dyeing : Application of Chitosan', *J. Chitin Chitosan* 15(3), 15(3), pp. 136–140.
- Thuy, T. T. *et al.* (2012) 'Natural phenoxazine alkaloids from *Peristrophe bivalvis* (L.) Merr', *Biochemical Systematics and Ecology*. Elsevier Ltd, 44, pp. 205–207.
- Tsatsaroni, E. G. and Eleftheriadis, I. C. (2004) 'UV-absorbers in the dyeing of polyester with disperse dyes', *Dyes and Pigments*, 61(2), pp. 141–147.
- Uddin, M. G. (2014) 'Effects of Different Mordants on Silk Fabric Dyed with Onion Outer Skin Extracts', *Journal of Textiles*, 2014, pp. 1–8.
- Vankar, P. S. (2017) *Natural dyes for textiles*. The Textile India: Woodhead Publishing.
- Wang, X. *et al.* (2005) 'Chitosan- metal complexes as antimicrobial agent: Synthesis, characterization and Structure-activity study', *Polymer Bulletin*, 55(1–2), pp. 105–113.
- Zarkogianni, M., et al., 2011, *Colour and fastness of natural dyes: Revival of traditional dyeing techniques*, *Color Technology Journal*, Vol. 127, pp. 18–27