

SCIENTIFIC ACTIVITY

ONOFREI ADRIANA - GABRIELA

A. Title of PhD thesis:

THE DYEING COMPATIBILITY OF ANIONIC DYES MIXTURES ON CELLULOSIC AND PROTEIC SUBSTRATES

B. Speciality books

B1. Onofrei, A.G., Grigoriu, A., Pușcaș, Combinability of dyes in mixture for dyeing textiles, Tehnopress Publishing House, Iași, 2001, ISBN 973 – 8048 – 18 – 4

B2. Onofrei, A.G., Monitoring and Diagnosis of Environmental Quality, "Aurel Vlaicu" University Publishing House, Arad, **2008**, ISBN 978-973-752-278-8, 467 pg.

B3. Onofrei, A.G., Study of organic and composite materials, "Aurel Vlaicu" University Publishing House, **2010**, ISBN 978-973-9361-21-8, 232 pg.

C. Indexed ISI/BDI articles published

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D. Articles published in professional journals

D.1. Mureșan, R., Onofrei, A.G., "Increasing Production Capacity and Improving Resistance to Dyeing with direct and reactive dyes" (Part I), The works of the Scientific Communication Session of Aurel Vlaicu University, Arad, 16-17 May 1996, Vol 12, ISBN 973 –97708 – 0 – 0, p. 64 – 70.

D.2. Grigoriu, A., Pușcaș, E.L., Onofrei, A.G., The correlation between the sorption and the dyes compatibility (Part-I-a), Chronicles of Univ. "Aurel Vlaicu" from Arad, Series: Textiles, 2000, ISSN 1582 – 3431, p. 246 – 251.

D.3. Pușcaș, E.L., Hendea, D.M., Onofrei, A.G., "Air permeability - the eco-sanogenic component of textile materials", Chronicles of Univ. "Aurel Vlaicu" from Arad, Series: Textiles, 2000, ISSN 1582 – 3431, p. 289 - 294.

D.4. Onofrei, A.G., Pușcaș, E.L., Grigoriu, A., The color measurement used to assess the compatibility of dye mixtures, The works of the International Conference, Altex-II, Sibiu, Section: Technologies and equipment in the textile industry, 2000, ISBN 973 - 651-157-X, p. 295 – 302.

D.5. Onofrei, A.G., Pușcaș, E.L., Dincă, N., The automation of dyeing process on the cotton fabric by continuous flow method, Scien. And Techn. Bull. Of Univ. "Aurel Vlaicu" Arad, vol. 6 (VII), 2001, p. 63 - 67.

D.6. Onofrei, A.G., Grigoriu, A., Ionescu, Gh., Method of the automated photocolourimetry of dyes solutions in dyeing baths, Proceedings of The XII – th Textile and Leather Romanian Conference, Section: Technologies & Equipments for Textile Finishing, „Gh. Asachi” Technical University, Faculty of Textile and Leather Technology, Iași, octombrie, **2002**, ISBN 973 – 8075 – 48 – 3, p. 151 – 156.

D.7. Onofrei, A.G., Ionescu, Gh., Pușcaș, E.L., Grigoriu, A., Determination of the thermodynamic and kinetic parameters for the direct dyes in the mixture (Part I-a), Chronicles of Univ. "Aurel Vlaicu" from Arad, Series: Chemistry, Fascicle: Chemistry and environmental protection, **2002**, ISSN 1582 – 3415, p. 109 – 112.

D.8. Onofrei, A.G., Pușcaș, E.L., Grigoriu, A., Ionescu, Gh., Determination of the thermodynamic and kinetic parameters for the direct dyes in the mixture (Part II), Chronicles of Univ. "Aurel Vlaicu" from Arad, Series: Chemistry, Fascicle: Chemistry and environmental protection, **2002**, ISSN 1582 – 3415, p.113 – 117.

D.9. Pușcaș, E.L., Grigoriu, A., Onofrei, A.G., The correlation between the sorption and the dyes compatibility (Part II), Chronicles of Univ. "Aurel Vlaicu" from Arad, Series: Textiles, **2002**, ISSN 1582 – 3431.

D.10. Pușcaș, E.L., Onofrei, A.G., Cătană, A., Coman, R., Determination of color characteristics obtained by dyeing from dyes mixtures, Chronicles of Univ. "Aurel Vlaicu" from Arad, Series: Textiles, Fascicle: Textile technologies. **2002**, ISSN 1582 – 3431, p. 28 – 35.

D.11. Onofrei, A.G., Grigoriu, A., Pușcaș, E.L., The assessment of the direct dyes combinability by photocolourimetric methods, Proceedings of The XII – th Textile and Leather Romanian Conference, Section: Technologies & Equipments for Textile Finishing, „Gh. Asachi” Technical University, Faculty of Textile and Leather Technology, Iași, octombrie, **2002**, ISBN 973 – 8075 – 48 – 3, p. 157 – 161.

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D.13. Grigoriu., A., Onofrei, A. G., Pușcaș, E.L., The combinability of acid dyes, Part I.1. The behavior of unitary acid dyes on wool fibers, I.1.1., The behaviour of different unitary acid dyes at individual temperatures, Scientific and Technical Bulletin of “Aurel Vlaicu” University of Arad, Faculty of Food Engineering, Tourism and Environment protection, Series “Chemistry, Food Science & Engineering”, Vol. 7, **2002**, ISSN 1582 – 1021, p. 1- 9.

D.14. Onofrei, A. G., Grigoriu, A., Pușcaș, E. L., The combinability of acid dyes, Part I.1. The behavior of unitary acid dyes on wool fibers, I.1.2. The behaviour of individual unitary acid dyes at different temperatures, UTI Bulletin, Section VIII, fasc. 3 - 4, **2002**, p. 28 – 34.

D.15. Grigoriu, A., Onofrei, A.G., Pușcaș, E. L., The combinability of acid dyes, Part I.2. The behavior of unitary acid dyes on polyamide fibers, I.2.1. The behaviour of individual unitary acid dyes at different temperatures, UTI Bulletin, Section VIII, fasc. 3 - 4, **2002**, p. 36 – 43.

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D.17. Grigoriu, A., Onofrei, A. G., Pușcaș, E. L., The combinability of direct dyes, Part II: The behavior of direct dyes on cotton fibers in (binary and ternary) mixtures, II.1. The behavior of C.I. Direct Orange 39 in mixtures, UTI Bulletin, fasc. 3 - 4, **2003**, p. 64 – 68.

D.18. Grigoriu, A., Onofrei, A. G., Pușcaș, E. L., The combinability of direct dyes, Part II: The behavior of direct dyes on cotton fibers in (binary and ternary) mixtures, II.2. The behavior of C.I. Direct Red 23 in mixtures, The Bulletin of Univ. „Aurel Vlaicu” from Arad, Vol. 8, **2003**, p. 36 – 42, ISSN 1582 – 1021.

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D.20. Onofrei, A. G., Grigoriu, A., Pușcaș, E. L., The combinability of direct dyes, Part III: The compatibility indices of direct dyes on cotton fibers, UTI Bulletin, fasc. 3 - 4, **2003**, p. 69 - 73.

D.21. Onofrei, A. G., Grigoriu, A., Pușcaș, E. L., The combinability of acid dyes, Part I.3: The behaviour of unitary acid dyes on wool and polyamide fibers, UTI Bulletin, fasc. 1-2, **2003**, p. 73 - 80

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D.25. Pușcaș, E. L., Onofrei, A. G., The kinetics study of direct dye mixtures using the color measurement method, Chronicles of Univ. "Aurel Vlaicu" from Arad, Series: Textiles, Fascicle: Textile Technologies, **2004**, ISSN 1582 – 3431, p. 104 – 107.

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20.02.2019

ș.l. dr. ing. Adriana – Gabriela ONOFREI