

LIST OF PUBLICATIONS
PhD.Eng. MONICA PUSTIANU
(selection)

ISI ARTICLES and ISI PROCEEDINGS

1. Ionel Barbu, Magdalena Simona Fogorasi, **Monica Pustianu**, Adina Bucevski, Daniela Farima
- A Comparative Study on the Comfort and Safety of the Seat Cover Fabrics –
Proceedings of AMMA - The International Congress of Automotive and Transport Engineering, AMMA 2018, file:///C:/Users/User/AppData/Local/Temp/cuprins_Springer-1.pdf, Springer Nature Switzerland AG 2019 N. Burnete and B. O. Varga (Eds.): AMMA 2018, PAE, 2019. https://doi.org/10.1007/978-3-319-94409-8_50, 2018, pag. 1–8
2. Mihaela Dochia, **Monica Pustianu**, Cristian Moisă, Dorina Chambre & Simona Gavrilăş, *Sodium citrate as an eco-friendly complexing agent for the bioscouring treatment of the cellulosic/lignocellulosic fabrics*,
Chemical Papers, ISSN 2585-7290, Chem. Pap. DOI 10.1007/s11696-018-0455-1, Chemical Papers, 24 martie, 2018, Springer, <https://doi.org/10.1007/s11696-018-0455-1>,
3. **Monica Pustianu**, Mihaela Dochia, Simona Gavrilăş, Daniel Tomescu,
Comparative Study on Treatment Bioscouring Optimization with and without Ultrasound for 50 % of Cotton + 50 % of Flax Materials,
Advanced Engineering Forum, ISSN: 2234-991X, Vol. 27, pp 111-117 Revised: 2017-05-17, doi:10.4028/www.scientific.net/AEF.27.111 Accepted: 2017-06-18, © 2018 Trans Tech Publications, Switzerland, Online: 2018-04-27
4. **Monica Pustianu**, Mihaela Dochia, Simona Gavrilăş, Daniel Tomescu
Study of the efficiency of bioscouring treatment by determination of the residual Ca²⁺ from flax-cotton fabrics
Proceedings of the 17th International Multidisciplinary Scientific Geoconference SGEM 2017, Nano, Bio, Green and Space-Technologies for a Sustainable Future, Conference Proceedings, Volume 17, Issue 61, 2017, p. 1007-1014, ISBN 978-619-7408-12-6, ISSN 1314-2704, DOI 10.5593/sgem2017/61.
5. Mihaela Dochia, **Monica Pustianu**, Simona Gavrilăş, Daniel Tomescu, Dana Maria Copolovici
Study of the ultrasound efficiency on bioscouring treatment of hemp - cotton fabrics
Proceedings of the 17th International Multidisciplinary Scientific Geoconference SGEM 2017, Nano, Bio, Green and Space-Technologies for a Sustainable Future, Conference Proceedings, Volume 17, Issue 61, 2017, p. 1015-1023, ISBN 978-619-7408-12-6, ISSN 1314-2704, DOI 10.5593/sgem2017/61.
6. M. Dochia, S. Gavrilăş, **M. Pustianu**, D. Tomescu, D.M. Copolovici
Comparative study regarding the influence of the complexing agents EDTA and sodium citrate on the 50% flax-50% cotton fabrics during the bioscouring treatment
Proceedings of the 16th International Multidisciplinary Scientific Geoconference SGEM 2016, Book 6, Nano, Bio and Green-Technologies for a Sustainable Future, Conference

Proceedings, Volume III, **2016**, ISBN 978-619-7105-79-7, ISSN 1314-2704, DOI 10.5593/sgem2016HB63, 223-230.

7. **M. Pustianu**, M. Dochia, C. Sirghie, S. Gavrilas, D. Tomescu
Treatment optimization for bioscouring in ultrasound of cotton/cottonised hemp blended fabrics
Proceedings of the 7th International Workshop on Soft Computing Applications (SOFA 2016), Volume 2, Advances in Intelligent Systems and Computing 634, Springer Publishing, Editors: Valentina Emilia Balas, Lakhmi C. Jain. Marius Mircea Balas, pp. 595-604. doi: 10.1007/978-3-319-62524-9.
8. Balas Marius, Sirghie Cecilia, **Pustianu Monica**, Dochia Mihaela, Gavrilas Simona, Tomescu Daniel
Fuzzy method applied on the control of textiles biotechnologies
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9. A. Popa, A. Bucevski, **M. Pustianu**, L. R. Manea, I. Sandu
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10. I.V. Istoc, **M. Pustianu**, M. Dochia, Cecilia Sirghie, A. Popescu
Study Regarding the Optimization of the Bioscouring Treatment with Ultrasound on 100 % Cotton Materials
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11. **M. Pustianu**, A. Bucevski, A. Popa, E. Airinei
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4. Mihaela Dochia, **Monica Pustianu**, Simona Gavrilas, Daniel Tomescu, Dana Maria
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*Study on the influence of ultrasound in bioscouring treatment of 50 % of flax + 50 % of
cotton fabrics*
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5. **Monica Pustianu**, Mihaela Dochia, Simona Gavrilas, Daniel Tomescu, Dana Maria
Copolovici
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6. M. Dochia, C. Sirghie, **M. Pustianu**
*Part II. Study regarding the influence of bioscouring treatment on 60 % cotton + 40 %
cottonised flax materials followed by a whitening treatment using alternative methods*
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10. Ionel Barbu, Adina Bucevschi, **Monica Pustianu**,
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15. **M. Pustianu**, M. Chindriş, A. Popa, E. Airinei, A. Bucevschi, C. Sîrghie, M. Dochia
Study Regarding the Optimization of Wool Dyeing with Natural Dyes Extracted from Green Walnuts Part 1: Determination of the Efficiency of the Dyeing treatment
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INTERNATIONAL AND NATIONAL CONFERENCES

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Characterization of waste waters from different bioscouring technologies for cotton materials
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