



CURRICULUM VITAE

PERSONAL INFORMATION:

NAME: Michaela Dina SURNAME: STANESCU

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michaela.stanescu@chim.upb.ro;

stanescumichaeladina@gmail.com

CURRENT POSITIONS:

Since 2010 Emeritus Professor - University AUREL VLAICU, 77 Blvd. Revoluției, 310130 Arad, ROMANIA, Faculty of Food engineering, Tourism and Environmental protection, Department of Technical and Natural Sciences.

Since 2004 PhD Supervisor, as member of the doctoral School of POLITEHNICA University of Bucharest, Faculty of Chemical Engineering and Biotechnology, 1-7 Gh. Polizu Str., 011061, Bucharest.

PREVIOUS POSITIONS:

1997-2010, Full Professor - Faculty of Food engineering, Tourism and Environmental protection, University AUREL VLAICU.

1995-1997, Reader - Faculty of Food of engineering, Tourism and Environmental protection, University AUREL VLAICU.

1988-1995, Lecturer – Faculty of Industrial Chemistry of the Polytechnic Institute Bucharest (now University POLITEHNICA Bucharest)

1968-1988 Researcher – Centre of Organic Chemistry C. D. Nenitzescu of Romanian Academy

1972-2016 Teaching assistant at POLITEHNICA University of Bucharest;

MANAGEMENT POSITION:

1995-2004 Head of Textile Department - University AUREL VLAICU;

2004-2008 Vice Rector for research of the University AUREL VLAICU;

2004-2015 Member of European Chemistry and Chemical Engineering Network

EDUCATION:

1963-1968 - Faculty of Industrial Chemistry of the Polytechnic Institute Bucharest (now University POLITEHNICA Bucharest) graduated first in the series with an average mark of 9.98 (from 10.00). Diploma in drug-synthesis with Prof. Ecaterina Nenitzescu-Cioranescu;

1972 – Specialization in Gas Chromatography – course organized by the University of Bucharest;

1982 – PhD in Organic Chemistry (Supervisor Acad. Ecaterina Cioranescu-Nenitzescu);

1992 – Postdoctoral stage to TU Darmstadt, Institute of organic Chemistry - Germany, Prof. Herbert Mayr (grant DAAD);

1992 – Postdoctoral stage to Monash University – Australia, Prof. R.F.C. Brown (grant Australian Council of Research);

1997– Specialization in Biochemistry – course organized by the University of Bucharest;

Fields of research: Biotechnology applied to food and Textile, Organic fine synthesis, Coordinative chemistry, Antioxidants from food: sources and properties, waste valorization (textile, food)

PUBLICATIONS:

Books and Chapters of books: 21

Patents: 5

Papers in Scientific journals and Conference proceedings: 150

Selected publications:

Books or chapters (selection):

- P. Filip, **M.D. Stanescu**, An artisan of Organic Synthetic Chemistry in PORTRAITS OF REMARKABLE WOMEN FROM THE HISTORY OF ROMANIAN CHEMISTRY editor **M.D. Stanescu**, Ed. POLITEHNICA Press, 2019 pp 11-12, (ISBN 978- 606-515-859-7, (English)
- **M.D. Stanescu**, Ecaterina Cioranescu-Nenitzescu an outstanding teacher in PORTRAITS OF REMARKABLE WOMEN FROM THE HISTORY OF ROMANIAN CHEMISTRY editor **M.D. Stanescu**, Ed. POLITEHNICA Press, 2019 pp 28-30, ISBN 978-606-515-859-7, (English)
- **M.D. Stanescu**, First Romanian woman engineer in PORTRAITS OF REMARKABLE WOMEN FROM THE HISTORY OF ROMANIAN CHEMISTRY editor **M.D. Stanescu**, Ed. POLITEHNICA Press, 2019 pp 28-30, ISBN 978-606- 515-859-7, (English)
- P. Filip, **M.D. Stanescu**, I. Grosu Chimia organică în ISTORIA CHIMIEI ROMÂNEȘTI, coordonator P.T. Frangopol, Ed. Academiei Române, 2018, pp.61-76, ISBN 978-973-27-2890-1.
- S. Gavrilas, **M.D. Stanescu**, POLIHIDROXIFENOLI ALIMENTARI: structure, surse, proprietati, influenta tratamentelor enzimactice, Ed Univ. Aurel Vlaicu, 2015, ISBN 978-973-752-688-5 (50 p from 83)

- **M.D. Stanescu**, PESTICIDES. SYNTHESIS, ACTIVITY AND ENVIRONMENTAL ASPECTS, Ed. Printech Bucharest, 2014, ISBN 978-606- 23-0315-0, 483 p (English)
- **M.D. Stanescu**, S. Mihuta, M.S. Bucur, M. Raileanu, D. Popovici, Wool Finishing with Enzymes in ADVANCES in BIOTECHNOLOGY for TEXTILE PROCESSING, Editori R. Hardin, D.E. Akin si S.J. Wilson, Univ. of Georgia, Athens, 2002, ISBN 09723620-0-2, pp. 109-116 (English)
- **M.D. Stanescu**, S. Mihuta, Ecological Solutions for Polyester Decortication in ADVANCES in BIOTECHNOLOGY for TEXTILE PROCESSING, Editori R. Hardin, D.E. Akin si S.J. Wilson, Univ. of Georgia, Athens, 2002, ISBN 09723620-0- 2, pp. 159-166 (English)
- **M.D. Stanescu**, E.L. Puscas, M. Pustianu E.L. Puscas, M.D. Stanescu, M. Fogorasi, V. Dalea DEZVOLTAREA DURABILA prin PROTECTIA MEDIULUI si BIOTEHNOLOGII TEXTILE, Ed. "Aurel Vlaicu" Universitaty, Arad, 2002, ISBN 973-9361-91-9 (105 p from 325 p)
- **M.D. Stanescu**, E.L. Puscas, M. Pustianu, ELEMENTE de ECOLOGIE TEXTILA si ECOTOXICOLOGIE, Ed. Mirton, Timisoara, 2002, ISBN 973-585-788-X (70 p from 214 p) (Romanian)
- **M.D. Stanescu**, A. Marton. G. Marton SOURCES OF INFORMATION IN CHEMICAL LITERATURE, Ed. "Aurel Vlaicu" University, Arad, 1997, ISBN 973-98366-8-2 (90 p from 150p) (English)
- **M.D. Stanescu**, COLORANTI ORGANICI, Ed. "Aurel Vlaicu" Universitaty, Arad, 1996, ISBN 973-97708-1-9 (191 p)

ISI Scientific Journals (selection - mostly first or corresponding author):

- M. Tociu, A. Hirtopeanu, **M.D. Stanescu**, Improving Grape Seed Oil Extraction by Enzymatic Seed Pretreatment, *Grasas y Aceitas*, **2021**, 70(4), e434.
- **M.D. Stanescu**, State of the art of post-consumer textile waste up-cycling to reach the zero waste milestone, *Environ. Sci. Pollut. Res.*, **2021**, 28, 14253–14270.
- M. Pelmus, E. Ungureanu, **M.D. Stanescu**, L. Tarko, Electrochemical and QSPR studies of several hydroxy- and amino- polysubstituted benzenes constituents of useful compounds, *J. Appl. Electrochem.*, **2020**, 50, 851-862.
- D. Chambre, M. Tociu, **M.D. Stanescu**, C. Popescu, Influence of composition on the thermal behavior of oils extracted from the seeds of some Romanian grapes, *J. Sci. Food Agric.*, **2019**, 19 (14), 6324-6332.
- **M.D. Stanescu**, M. Fogorasi, Biotechnology a tool for modification of cotton fibre, *Chimica oggi*, **2018**, 36(5), 56-58.
- A. Sanislav, M. Fogorasi, **M. D. Stanescu**, S. Muntean, M. Dochia, Ultrasound Effect on Dyeing Wool Fibers with Two Anthraquinone Dyes, *Fibers Polym.*, **2015**, 16, 62-66.
- **M.D. Stanescu**, S. Gavrilas, R. Ludwig, D. Haltrich, V. I. Lozinsky, Preparation of immobilized *Trametes pubescens* laccase on a cryogel-type polymeric carrier and application of the biocatalyst to apple juice phenolic compounds oxidation, *Eur Food Res Technol*, **2012**, 234, 655–662 .
- **M.D. Stanescu**, A. Sanislav, R.V. Ivanov, A. Hirtopeanu, V.I. Lozinsky, Immobilized Laccase on a New Cryogel Carrier and Kinetics of Two Anthraquinone Derivatives Oxidation, *Appl. Biochem. Biotechnol.*, **2011**, 165, 1789–1798.

- **M.D. Stanescu**, M. Fogorasi, B.L. Shaskolskiy, S. Gavrilas, V.I. Lozinsky, New potential biocatalyst by laccase immobilisation in PVA cryogel type carrier, *Appl. Biochem. Biotechnol.*, **2010**, 160, 1947-1953.
- **M.D. Stanescu**, M. Dochia, D. Radu, C. Sirghie, Green Solution for Cotton Scouring, *FIBRES & TEXTILES in Eastern Europe*, **2010**, 18, No. 3 (80) 109-111.
- **M.D. Stanescu**, F. Harja, C. Mosorca, A. Zamfir, Biogenic Amines Fingerprints Evidenced by performant MS Analysis, *Rev. Roum. Chim.*, **2010**, 55, 105-1059.
- T. Visnapuu, A.D. Zamfir, C. Mosoarca, **M.D. Stanescu**, T. Alamae, Fully automated chip-based negative mode nanoelectrospray mass spectrometry of fructooligosaccharides produced by heterologously expressed levansucrase from *Pseudomonas syringae* pv. tomato DC3000, *Rapid Commun. Mass Sp.*, **2009**, 23, 1337-1346.
- **M.D. Stanescu**, C. Popescu, A. Rus, C. Guran, Thermal Behaviour of Some Dibenzo-bicyclo[2.2.2]octane derivatives, *J. Therm. Anal. Calorim.*, **2008**, 91, 535-538.
- S. Girotti, D. Fabbri, V. Baravelli, **M.D. Stanescu**, C. Draghici, P. Restani, E. Chirila, Environmental studies in Italian Universities, *Environmental Engineering and Management Journal*, **2005**, 4, 177-182
- **M.D. Stanescu**, Biotehnologii Textile. Prezent si Perspective, *Industria Textila*, **2003**, 54, 105-10
- **M.D. Stanescu**, I. Jitaru, O. Oprea, O.A. Jinga, Coordination Compounds of a Potential Polydentate Ligand 3. Co(II) and Ni(II) Complexes of an α -Aminoketone, *Roum. Biotechnol. Lett.*, 1998, 3, 83-89.
- **M.D. Stanescu**, C. Guran, I. Jitaru, Coordination Compounds of a Potential Polydentate Ligand *New J. Chem.*, **1998**, 295-298.
- **M.D. Stanescu**, Dibenzo[a,d]tropylium Ion Chemistry, *Roum. Chem. Quart. Rev.*, **1996**, 4, 107-121.
- S.A. Osadchii, **M.D. Stanescu**, V.I. Mamatyuk, V.G. Shubin, Fragmentation of 1-Hydroxy-2-(5Hdibenzo[a,d]cyclohepten-5yl)-1-phenylethyl Cation in Superacid, *Russ. Chem. Bull.*, **1996**, 45, 381-383.
- J. Henninger, H. Mayr, M. Patz, **M.D. Stanescu**, Electrophilic Reactions of the Dibenzo[a,d]tropylium Ion. *Liebigs Ann.*, **1995**, 2005-2009. Liebigs Annalen/Recueil and other European journals were merged to form *European Journal of Organic Chemistry*.
- M.D. Banciu, **M.D. Stanescu**, A. Petride, L. Parvulescu, M. Pop, Flow Vacuum Pyrolysis of Polycyclic Compounds 6. Pyrolysis of Dibenzo (CH)₈ Hydrocarbons, *Chem. Ber.*, **1993**, 126, 2513-2517. In 1998, *Chemische Berichte/Recueil* merged with other European journals to form *European Journal of Organic Chemistry*
- M.D. Banciu, **M.D. Stanescu**, C. Florea, A. Petride, C. Draghici, E. Cioranescu, Benzoannelated Valence Isomers of Homoannulenes I. Thermal Behaviour of Some Dibenzo C₉H₁₀ Hydrocarbons, *Bull. Soc. Chim. France*, **1991**, 128, 919-925. In 1998 the journal was absorbed by the *European Journal of Organic Chemistry* and the *European Journal of Inorganic Chemistry*
- M. Stanescu, M. Banciu, A.T. Balaban, 1-Oxonia- and 1-Aza- Analogues of Triptycene *Rev. Roum. Chim.*, **1989**, 34, 617-622.

INVITED PRESENTATIONS to conferences (selection):

- 2021 Various solutions to textile dye pollution, Quo Vadis Life Sciences, Opole, Poland, on-line.
- 2021 Spectroscopy a tool for food analysis, Symposium of the American Romanian Academy of Arts and Sciences (ARA), on-line.
- 2021 Thermal analysis a valuable tool for studying polimer composites, Macro21, Iasi, on-line
- 2018 Suggestions pour la valorisation complexe des pépins de raisin, Dixième Colloque Franco-Roumain de Chimie Appliquée, Bacău, Roumanie
- 2014 Laccase a versatile enzyme and its applications in food and textile domains, the XXXIIIrd Romanian Chemistry Conference, Calimanesti-Caciulata, Romania.
- 2014 Applications des pectinases dans les industries textile et alimentaire, Huitième Colloque Franco-Roumain de Chimie Appliquée ENSCM, Montpellier, France.
- 2013 Immobilized laccase for waste water dye degradation, the XXIIIrd Congress of IFATCC, Budapest, Hungary. 2010
- Thermal Behaviour of Biomaterials Based on Cryogel PVA, 7th International Conference of the Chemical Societies of the South European Countries. Bucharest, Romania.
- 2010 Syntheses et transformations des composés dibenzocyclohepténiques, Sixième Colloque Franco-Roumain de Chimie Appliquée, Orleans, France.

PROJECTS (Coordinator/member of fundamental and applicative projects, national and international; over 30 participations)

Some examples:

- Technology for 2-ethylanthraquinone synthesis (project coordinator - Centre of Organic Chemistry, financed by the Ministry of Chemistry)
- Development of new subjects for environmental protection in University (project coordinator – University Aurel Vlaicu in cooperation with Polytechnic University Timisoara, financed by the World Bank and Romanian Government)
- Biotechnology for textile wastewater treatments (Romanian coordinator, bilateral project RomaniaSlovenia – Aurel Vlaicu University, financed by the Ministry of Education) BIOTECH Project, Technology for textile wastes bio-valorization (partner coordinator – Aurel Vlaicu University, financed by the Ministry of Education and Research)
- Immobilized enzymes on/in cryogel polymers – preparation and applications (Romanian coordinator, bilateral project Romania-Russian Federation— Aurel Vlaicu University, financed by the Ministry of Education and Research)
- European Chemistry and Chemical Engineering Education Network 1 and 2 (Romanian coordinator)
- COST 847 Textile quality and biotechnology (Romanian coordinator)
- COST 928 Control and exploitation of enzymes for added-value food products (Romanian coordinator)

AWARDS:

- 1991 C.D. Nenitzescu Romanian Academy award for scientific research results
- 2006 Diploma and medal Gheorghe Spacu – Romanian Chemical Society
- 2009 Diploma and medal C.D. Nenitzescu - Romanian Chemical Society
- 2019 Diploma and medal C. Istrati - Romanian Chemical Society
- CNCSIS awards for published papers in Q₁ or Q₂: 6 papers

CONFERENCE ORGANIZER:

- 16th, 17th and 18th International conference of Chemistry and the Environment (ICCE 2017, 2019, 2023), the official Environmental conference of the European Chemical Society;
- Initiator of the International Symposium Research and Education in an Innovation Era (ISREIE), organized by the University AUREL VLAICU;
- 7th and 9th International Conference of the Chemical Societies of the South European Countries.

Member of Scientific Organizations:

- Romanian Society of Chemistry (General Secretary: 2001-2005, 2005-2011, 2016-2021; Vicepresident since 2021)
- EUCHEMS (Member of Division Chemistry and the Environment)
- European Biotechnology Federation (National expert)

Foreign languages: French English

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
C2	C2	C2	C2	C1
C1	C2	C1	C1	B2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

OTHERS

Reviewer for more than 30 scientific journals;

Projects evaluator;

PhD Thesis evaluator.

Editorial board of:

- *Food Science and Technology* [ISSN: 2331-513X (Print), ISSN: 2331-5156 (Online)]
- *Romanian Journal of Ecology & Environmental Chemistry* [ISSN: 2668-8530 (Online)]
- *Buletinul Societatii de Chimie din Romania* [www.schr.ro]

Hobbies:

- Opera and Classical music;
- Travel;
- Knitting.

4.04.2022

PUBLICATIONS

PhD Thesis:

Solvolytic Reactions in Dibenzocycloalkenic systems with substituted double bond, Bucharest, Center of Organic Chemistry of Romanian Academy, 1982 (supervisor: Acad. Ecaterina Ciorănescu-Nenitzescu)

Books and Books chapters:

1. Coautor

ENCYCLOPEDIA of CHEMISTRY, Ed Stiintifica si Enciclopedica, Bucuresti, 1988-9, vol. 4-6 (contribution 30p). - Romanian

2. **M.D. Stanescu**

ORGANIC DYES, Ed. Universitatii "Aurel Vlaicu", Arad, 1996, **ISBN 973-97708-1-9** (191 p) - Romanian

3. **M.D. Stanescu**

SOURCES OF INFORMATION IN CHEMICAL LITERATURE, Polytechnic Institute Bucharest, 1994 (113 p)

4. **M.D. Stanescu**, A. Marton. G. Marton

SOURCES OF INFORMATION IN CHEMICAL LITERATURE, Ed. Universitatii "Aurel Vlaicu", Arad, 1997, **ISBN 973-98366-8-2** (90 p of 150p) of

5. **M.D. Stanescu**

Education in a international language In *QUALITY ASSURANCE IN HIGHER TECHNICAL EDUCATION IN ROMANIA*, Eds. M. Gafiteanu and C. Rusu, Ed. Gh Asachi, Iasi, 1997, **ISBN 973-9178-47-2**, pp 232-235 - Romanian

6. **M.D. Stanescu**, M. Pustianu, M. Fogorasi

ORGANIC DYES and AUXILIARIES. Principles - Applications - Ecology, Ed. Universitatii "Aurel Vlaicu", Arad, 2002, **ISBN 973-8363-05-5** (100 p of 192 p) - Romanian

7. **M.D. Stanescu**, E.L. Puscas, M. Pustianu

ELEMENTS OF TEXTILE ECOLOGY AND ECOTOXICOLOGY, Ed. Mirton, Timisoara, 2002, **ISBN 973-585-788-X** (70 p of 214) - Romanian

8. E.L. Puscas, **M.D. Stanescu**, M. Fogorasi, V. Dalea

SUSTAINABLE DEVELOPMENT THROUGH ENVIRONMENTAL PROTECTION AND TEXTILE BIOTECHNOLOGIES, Ed. Universitatii "Aurel Vlaicu", Arad, 2002, **ISBN 973-9361-91-9** (105 of din 325 p) - Romanian

9. **M.D. Stanescu**, S. Mihuta, M.S. Bucur, M. Raileanu, D. Popovici

Wool Finishing with Enzymes in *ADVANCES in BIOTECHNOLOGY for TEXTILE PROCESSING*, Eds. R. Hardin, D.E. Akin and S.J. Wilson, Univ. of Georgia, Athens, 2002, **ISBN 09723620-0-2**, pp. 109-116

10. **M.D. Stanescu**, S. Mihuta

Ecological Solutions for Polyester Decortication in *ADVANCES in BIOTECHNOLOGY for TEXTILE PROCESSING*, Eds R. Hardin, D.E. Akin and S.J. Wilson, Univ. of Georgia, Athens, 2002, **ISBN 09723620-0-2**, pp. 159-166

11. **M.D. Stanescu**

Industrial platforms. Structure and Role. in ENVIRONMENT and INDUSTRY, editor M.D. Stanescu, Ed. Univ. Aurel Vlaicu, Arad, **2006**, pp. 38-50, **ISBN 973-752-090-4-978-973-752-090-6**. - Romanian

12. **M.D. Stanescu**, S. Palcu, S. Gavrilas

ANALYTICAL BIOCHEMISTRY. Applications and problems, Ed. Univ. Aurel Vlaicu, Arad, first edition **2010**, second edition **2012**, **ISBN 978-973-752-638-0** (50p of 140p) - Romanian

13. **M.D. Stanescu**

PESTICIDES: Synthesis, Activity and Environmental Aspects, Ed. Printech Bucharest, **2014**, **ISBN 978-606-23-0315-0**, 483 p

14. S. Gavrilas, **M.D. Stanescu**

FOOD POLYHYDROXYPHENOLS: structures, sources, properties, influence of enzymatic treatments, Ed. Univ. Aurel Vlaicu, Arad, **2015**, **ISBN 978-973-752-688-5**, (50p of 83 p) - Romanian

15. P. Filip, **M.D. Stanescu**, I. Grosu

Organic Chemistry in the HISTORY OF ROMANIAN CHEMISTRY editor P.T. Frangopol, Ed. Academiei Române, **2018**, pp.61-76, **ISBN 978-973-27-2890-1** - Romanian

16. P. Filip, **M.D. Stanescu**

An artisan of Organic Synthetic Chemistry in PORTRAITS OF REMARKABLE WOMEN FROM THE HISTORY OF ROMANIAN CHEMISTRY editor M.D. Stanescu, Ed. POLITEHNICA Press, **2019** pp 11-12, **ISBN 978-606-515-859-7**

17. **M.D. Stanescu**

Ecaterina Cioranescu-Nenitzescu an outstanding teacher in PORTRAITS OF REMARKABLE WOMEN FROM THE HISTORY OF ROMANIAN CHEMISTRY editor M.D. Stanescu, Ed. POLITEHNICA Press, **2019** pp 28-30, , **ISBN 978-606-515-859-7**

18. **M.D. Stanescu**

First Romanian woman engineer in PORTRAITS OF REMARKABLE WOMEN FROM THE HISTORY OF ROMANIAN CHEMISTRY editor M.D. Stanescu, Ed. POLITEHNICA Press, **2019** pp 47-48, **ISBN 978-606-515-859-7**

Indrumare de laborator:

1. **M.D. Stanescu**, A. Racoveanu
ORGANIC CHEMISTRY LABORATORY. STANDARD EXPERIMENTS FOR STUDENTS. Part I, Polytechnic Institute Bucharest, 1992 (30p of 60p)
2. M. Banciu, **M.D. Stanescu**, D.S. Vasilescu
ADVANCED CHEMICAL INSTRUMENTATION. LABORATORY HANDBOOK, Polytechnic Institute Bucharest, 1994 (31p of 93p)
3. **M.D. Stanescu**, M. Pustianu, M. Fogorasi.
ORGANIC DYES and AUXILIARIES - Laboratory guide, Ed. Universitatii "Aurel Vlaicu", Arad, 1999, **ISBN 973-9361-42-0** (85 p din 170 p) - Romanian

Brevete:

1. **MD Stanescu**, D Oros
Composition for email removal from electrical conductors
RO 89 168, **1985**
2. **MD Stanescu**, M Elian
Procedure for acid 2-(4-etylbenzoyl)benzoic synthesis
RO 90 088, **1986**
3. **MD Stanescu**, V Toc, C Picealca
Purification procedure for 2-ethylantraquinone
RO 94 222, **1987**
4. **MD Stanescu**, C Cociasu, Cl Codrin, Gn Laurențiu
Purification procedure for anthraquinone
RO 98 798, **1987**
5. Carpus E, Dochia M, Fogorasi M, Mihuta S, Popescu A, **Stanescu M D**
Ecological process for recovering polyester from polyester/cotton textile wastes
RO 122 919, **2010**

Scientific Papers:

1. Papers in ISI journals:

1. **Synthesis and structural analysis of complexes based on α -amino ketone derived from benzimidazole** (correspondence author)

Stanescu Michaela Dina, Stefanov Cristina, Albota Florin , Hirtopeanu Anca, Oprea Ovidiu Cristian , Stanica Nicolae, Ferbinteanu Marilena
JOURNAL OF MOLECULAR STRUCTURE **2021**,1228,129716

2. **State of the art of post-consumer textile waste upcycling to reach the zero waste milestone**

Stanescu Michaela Dina

ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH **2021**, 28, 14253–14270.

3. **Improving Grape Seed Oil Extraction by Enzymatic Seed Pretreatment**
(correspondence author)

Tociu Mihaela, Hirtopeanu Anca, **Stanescu Michaela Dina**
GRASAS Y ACEITAS, **2021**, 70(4), e434.

4. **Stereochemistry – key role in the rearrangements of dibenzo-c8 and -c9 derivatives** (correspondence author)

Hirtopeanu Anca, Florea Cristina, **Stanescu Michaela Dina**
REVUE ROUMAINE DE CHIMIE, **2021**, 66, 105-117

5. **Electrochemical and QSPR studies of several hydroxyl and amino - polysubstituted benzenes constituents of useful Compounds** (correspondence author)

Pelmuș Marius, Ungureanu Eleonora - Mihaela, **Stanescu Michaela Dina**, Tarko Laszlo
JOURNAL OF APPLIED ELECTROCHEMISTRY 2020, Volume 50, pp 851-862;

6. **Influence of composition on the thermal behavior of oils extracted from the seeds of some Romanian grapes** (correspondence author)

Chambre, Dorina R.; Tociu, Mihaela; **Stanescu, Michaela D.**; et al.
JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE, **2019**, 19 Issue14
6324-6332

7. **Thermal analysis for depiction of a laccase-pva biocomposite**
(correspondence author)

Chambre, Dorina-Rodica; Gavrilas, Simona; **Stanescu, Michaela Dina**; et al.
REVUE ROUMAINE DE CHIMIE , **2018**, 63, 855-860

8. **Biotechnology a tool for modification of cotton fibre** (first author)
Stanescu, Michaela D.; Fogorasi, Magdalena S.
CHIMICA OGGI-CHEMISTRY TODAY, **2018**, 3(5) 56-58

9. **Screening of heterocyclic substituted sydnones for potential biological activity** (correspondence author)
Corneli, Nicoleta Olguta; Albota, Florin; Dragomirescu, Cristiana Cerasella; **Stanescu, Michaela Dina**.
FARMACIA , **2018**, 66, 658-662

10. **The state of art in sydnones chemistry and applications** (correspondence author)
Albota, Florin; **Stanescu, Michaela Dina**
REVUE ROUMAINE DE CHIMIE, **2017**, 62, 711- 734

11. **Authentication and Nutritional Benefits of Cheeses Based on Vegetable Oils** (correspondence author)
Tociu, Mihaela; Todasca, Maria Cristina; **Stanescu, Michaela Dina**
REVISTA DE CHIMIE, **2017**, 68, 2002-2005

12. **Climate impact on fatty acid content of grape seed oil** (correspondence author)
Tociu, Mihaela; Todasca, Maria-Cristina; **Stanescu, Michaela Dina**; et al. (autor de corespondență)
UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN SERIES B-CHEMISTRY AND MATERIALS SCIENCE, **2017**, 79 Issue: 1, 3-10

13. **Improving the Antioxidant Properties of Wild Raspberry Juice by Enzymatic Treatments** (correspondence author)
Gavrilas, Simona; **Stanescu, Michaela Dina**
REVISTA DE CHIMIE **2016**, 67, 219-222

14. **Influence of substituents on the spectral data of sydnones** (correspondence author)
Albota, Florin; Tociu, Mihaela; **Stanescu, Michaela Dina**; et al.
UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN SERIES B-CHEMISTRY AND MATERIALS CIENCE **2016**, 78 Issue: 4,101-108

15. **Coupled electrochemical and enzymatic degradation of two anthraquinone dyes** (correspondence author)
Munteanu, Florentina Daniela; Sanislav, Andreia; **Stanescu, Michaela Dina**
REVUE ROUMAINE DE CHIMIE **2015**, 60, 233-239

16. **Ultrasound Effect on Dyeing Wool Fibers with Two Anthraquinone Dyes**
(correspondence author)
Sanislav, Andreia; Fogorasi, Magdalena; **Stanescu Michaela Dina**; et al.
FIBERS AND POLYMERS **2015**, 16, 62-66
17. **Thermal analysis - a tool for illustrating mixed polymer composition**
(correspondence author)
Pelmuș, Marius; Oprea, Ovidiu; **Stanescu, Michaela Dina**
UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN SERIES B-
CHEMISTRY AND MATERIALS SCIENCE, **2015**, 77 Issue: 3, 73-78
18. **Calcium Content Indicator of Scouring Efficiency** (correspondence author)
Dochia, Mihaela; **Stanescu, Michaela Dina**; Constantin, Carolina
FIBRES & TEXTILES IN EASTERN EUROPE, **2013**, 21 Issue 3, 22-25
19. **Investigation of Two Textile Anthraquinone Dyes Purity** (correspondence author)
A. Sanislav, F. Dumitru, **M. D. Stănescu**,
UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN SERIES B-
CHEMISTRY AND MATERIALS SCIENCE, **2013**, 75, Issue 4, 91-100.
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