
curriculum vitae

Personal information

Surname / First name

Neamtu Mariana

E-mail(s)

mariana.neamtu@web.de; mariana.neamtu1@yahoo.de

Nationality

romanian

Date of birth

Gender

Female

Work experience

Dates

4/10/2011 - present

Occupation or position held

Lecturer

Main activities and responsibilities

Teaching

Research

Coordination of projects

Name and address of employer

Department of Environmental Engineering and Management,

"Gh. Asachi" Technical University of Iasi

71, Bd. D. Mangeron,

700050 Iasi, Romania

Dates

1/3/1998 – 4/10/2011

Occupation or position held

Teaching assistant

Main activities and responsibilities

Teaching

Research

Coordination of projects

Name and address of employer

Department of Environmental Engineering and Management,

"Gh. Asachi" Technical University of Iasi

71, Bd. D. Mangeron,

700050 Iasi, Romania

Type of business or sector

University

Dates

15/2004 -31/06/2006

Occupation or position held

Research Scientist

Main activities and responsibilities

Research

Teaching

Project coordination

Name and address of employer

Engler-Bunte-Institut, Wasserchemie

Universität Karlsruhe

Engler-Bunte-Ring 1

76131 Karlsruhe

Prof. F. H. Frimmel

Postfach 6980

D-76128 Karlsruhe

Telefon +49 721 608 2580, Fax +49 721 699154

<http://www.wasserchemie.uni-karlsruhe.de/>

Type of business or sector

University

Dates

1/2/2002 – 31/1/2004

Occupation or position held

Research Scientist

Main activities and responsibilities

Research

Project coordination

Name and address of employer

GSF - National Research Center for Environment and Health

Institute of Ecological Chemistry

Ingolstädter Landstrasse 1,

85764 Neuherberg, Germany

Prof. A. Kettrup

Tel.: +49-(0)89/3187-4048, Fax: +49-(0)89/3187-3371

www.gsf.de/ioec/index.html

Type of business or sector Research Center

Dates 1/10/1997 - 24/2/1998

Occupation or position held Associate teaching assistant

Main activities and responsibilities Teaching
Research

Name and address of employer Faculty of Chemistry
"Al. I. Cuza" University of Iasi
Blvd. Carol I, Nr. 11
Iasi, 700506 Romania
Prof. R. Mocanu

Type of business or sector Environmental Agency

Dates 1/06/1997 - 1/10/1997

Occupation or position held Research scientist

Main activities and responsibilities Research

Name and address of employer Environmental Agency Iasi
str. Th. Vascauteanu 10
Iasi, 700506 Romania

Education and training

Dates 1/11/1993 - 30/5/1997

Title of qualification awarded Ph D

Principal subjects/Occupational skills covered Thesis Title: Studies concerning the abiotic treatment of water. Photodegradation of synthetic musks and Bisphenol-A by advanced oxidation processes with UV radiation in the presence of hydrogen peroxide

Name and type of organisation providing organisation and training "Gh. Asachi" Technical University of Iasi

Level in national or international classification PhD Eng

Dates 9/1988 - 6/1993

Title of qualification awarded Bachelor and Master of Science in Chemistry

Name and type of organisation providing organisation and training State University of Moldova

Level in national or international classification University

Additional information

Membership of scientific societies:

- Marie Curie Fellowship Association (MCFA)
- International Water Association (IWA)
- Ad Astra Association of Romanian Scientists

Member of National Council for Development and Innovation (CNDI)
<http://www.cndi.ro>

**Awards/
Scholarships/Visiting
Scientist:**

25.06.–25.08.2007

Visiting scientist at the GSF- National Research Center for Environment and Health, Institute of Ecological Chemistry, Neuherberg, Germany

28.06.-10.07.2006

Visiting scientist at the EPFL-Ecole Polytechnique Fédérale de Lausanne, ENAC-ISTE, Lausanne, Switzerland

15.01.-14.02.2007

02.2002 –02.2004

Postdoctoral Marie Curie Individual Fellowship at the GSF- National Research Center for Environment and Health, Institute of Ecological Chemistry, Neuherberg, Technical University of Munich, Germany

06.–08.2000

Visiting scientist, DAAD Postdoctoral research at the GSF- National Research Center for Environment and Health, Institute of Ecological Chemistry, Neuherberg, Germany

09.1999 –03.2000

Postdoctoral research Fellowship of Hanns-Seidel Foundation at the GSF- National Research Center for Environment and Health, Institute of Ecological Chemistry, Neuherberg, Technical University of Munich, Germany

03.–09.1999

Postdoctoral research Fellowship of the Union of the German Academies of Sciences and Humanities (UDAW) at the GSF- National Research Center for Environment and Health, Institute of Ecological Chemistry, Neuherberg, Germany

08.1995– 08.1996

Fellowship of the German Academic Exchange Service - DAAD at the Technical University of Munich, Germany.

**Personal skills and
competences**

Mother tongue

Romanian

Other language(s)

Self-assessment

*European level (***)*

German

Russian

English

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C2	Proficient user	C2	Proficient user	C2	Proficient user	C1	Proficient user	C1	Proficient user
C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C1	Proficient user
C2	Proficient user	C2	Proficient user	B2	Independent user	B2	Independent user	B2	Independent user

Computer skills and competences

Competent with most Microsoft Office program and experience with HTML

Social skills and competences

Good ability to adapt to multicultural environments;
Good communication skills gained through my different fellowships;
Team spirit

Projects coordination/team member:

1. Romanian National Research Council (CNCS) Project PN-II-ID-PCE-2011-3-0652. 2011-2014. „Die roemische Grenze im Osten der Provinz Dakien”. Team member
2. Swiss National Science Foundation (SNSF). IB6120-106996-POPIASI. 2005-2007. Project “Chemical, Biological and Ecotoxicological Assessment of the Bahlui River, in North-Eastern Romania. Case Study: Pesticides and Persistent Organic Pollutants (POPs)”. Project co-leader
3. DFG-German Research Foundation. FR 536/34-1, SOLAPIG, 2004-2006, Title of the project „Solar-induced degradation of Alkylphenol Ethoxylates (APEO) and APEO Metabolites in natural waters (SOLAPIG)”, Team member
4. Romanian Ministry of Education and Research, Grant PC-D06-PT00-839, 2005-2008. “Centre of Expertise for the Sustainable Exploitation of Ecosystems (CEXDUREC). Case study: peri-urban terrestrial and aquatic ecosystems in the Ciric River basin, north from the city of Iasi (Romania)” Scientific project leader.
5. German Countries Working Party on Water (Länderarbeitsgemeinschaft Wasser – LAWA) LAWA-Project Nr. 0 10.03; 2003-2006. Title of the project: Recommendation for Environmental Quality Standards for the protection of aquatic biota in surface waters, Team member
6. EU Project EVK1-CT-2001-50008, 2002-2004. Title of the project: Concepts and methodologies to minimize the environmental impact from wastewater – textile industry, a case study”. Project leader
7. Bilateral Cooperation between the German Ministry of Education and Research and the Romanian Ministry of Education; and Research; ROM 99/008; 2000-2002; Project “Technologies for wastewater treatment from textile industry in Romania”, WTZ ROM 99/008,” Project leader
8. Romanian Ministry of Education and Research, Grant ANSTI 6177/2000, 2000-2002; Title of the project: „Textile wastewater treatment”; Project leader
9. Volkswagen-Foundation, Germany, AZ.: II/72 146; 1999-2001; Title of the project “Appropriate technologies for minimization of environmental impact from industrial wastewater – textile industry, a case study”, Team member
10. Hanns-Seidel Grant for the project „Wastewater treatment” („Abwasserreinigung”), 09.1999-02.2000, leader/holder
11. Romanian Ministry of Education and Research, Contract nr.37, tema nr.45, Grant 538/1998, 1998-2000; Title of the project „Photochemical treatment of wastewater”, Team member
12. Grant UDAW, on the theme „Methods of abiotical treatment of textile wastewater („Abiotische Textilabwasserreinigung”), 03.-09.1999, leader/holder
13. Grant DAAD, on the theme „Abiotical approaches towards cleaning wastewaters” („Abiotische Verfahren zur Reinigung von Abwässern”), 1995-1996, leader/holder.

1. Volf I., Ignat I., Neamtu M., Lisa G., Popa V. (2012). Thermal stability and photooxidation of natural polyphenols, *International Journal of Food Science and Technology*, submitted.
2. Bobu M., Neamtu M., Siminiceanu I. (2012). Ozone photolysis of paracetamol aqueous solution. *Environmental Science and Pollution Research*, submitted.
3. Ciomasu M.I., Costica M., Costica N., Neamtu M., Dirtu A. C., De Alencastro L. F., Buzdugan L., Andriesa R., Iconomu L., Stratu A., Popovici O. A., Secu C. V., Olariu C. P., Dunca S., Stefan M., Lupu A., Stingaciu-Basu A., Netedu A., Dimitriu R.-I., Gavrilovici O., Talmaciu M., Borza M. (2012). Complex Risks from Old Urban Waste Landfills: Sustainability Perspective from Iasi, Romania, *ASCE's Journal of Hazardous, Toxic, and Radioactive Waste*, 16 (2), 158-170.
4. Neamtu M., Ciomasu I. M., Costica N., Costica M., Bobu M., Nicoara M. N., Catrinescu C., Becker van Slooten K., De Alencastro L. F. (2009) Chemical, biological and ecotoxicological assessment of pesticides and persistent organic pollutants in Bahlui River, Romania, *Environmental Science and Pollution Research*, 16, S76-S85
5. Neamtu M., Popa D. M., Frimmel F. H. (2009). Photodegradation of octylphenol using simulated and natural sunlight radiation. In *Sewage treatment: uses, processes and impact*, Eds. A. Stephens and M. Fuller, Nova Science Publishers, New York, ISBN 978-1-60876-875-2, pp. 341-362.
6. Neamtu M., Popa D. M., Frimmel F. H. (2009) Simulated solar UV-irradiation of endocrine disrupting chemical octylphenol. *Journal of Hazardous Materials*, 164, 1561-1567
7. Neamtu M., (2009) *Procedee fotochimice și catalitice în protecția mediului*, laboratory manual, UT, Iași, 56 p
8. Neamtu M., (2008) *Procedee fotochimice și catalitice în protecția mediului*, Ed. Pim, Iași/Ed. Cartdidact, Chișinău, 146p, ISBN 978-606-520-215-3/978-9975-940-88-7
9. Ciomasu M.I., Neamtu M., Costica N., De Alencastro F. (2008) Chemical, biological and ecotoxicological assessment of pollution with pesticides and POPs in Bahlui River, Romania, *Danube News*, 17, 9-10.
10. Ciomașu I. M., Costică N., Neamtu M., De Alencastro F. (2008) Research note on chemical loads and ecological context of pesticides and POPs in Bahlui River, Romania. *Geo-Eco-Marina*, 14, 57-61
11. Tercero Espinoza, L.A., Neamtu M., Frimmel F. H. (2007) The effect of nitrate, Fe(III) and bicarbonate on the degradation of bisphenol A by simulated solar UV-irradiation, *Water Research*, 41, 4479-4487
12. Neamtu M., Frimmel F. H. (2006) Degradation of endocrine disrupting Bisphenol A by 254 nm irradiation in different water matrices and effect on yeast cells, *Water Research*, 40, 3745-3750
13. Neamtu M., Frimmel, F. H. (2006) Photodegradation of endocrine disrupting chemical nonylphenol by simulated solar UV-irradiation, *Science of the Total Environment* 369 (1-3), 295-306.
14. Jahnel J., Neamtu M., Schudoma D., Frimmel F. H. (2006) Bestimmung von Umweltqualitätsnormen für potenziell gewässerrelevante Stoffe. *Acta hydrochemica et hydrobiologica* 34 (4), 389-397
15. Catrinescu C., Neamtu M., Miehle-Brendlé J., Gich Garcia M., Kettrup A. (2006) Catalytic wet peroxide oxidation of reactive azo dyes over iron-containing pillared beidellite catalyst. In *Materiales arcillosos: de la geología a las nuevas aplicaciones*, Eds. M. Snárez, M. Á. Vicente, V. Rives, M. J. Sánchez, Salamanca, ISBN 84-689-6471-9, 87-99
16. Neamtu M., Popa D. M., Frimmel F. H. (2006) Photodegradation of endocrine disrupting chemicals nonylphenol and octylphenol in River Rhine and Lake Hohloh waters. In *Humic Substances – Linking Structure to Functions*. Eds. Fritz H. Frimmel, Gudrun Abbt-Braun, Universität Karlsruhe, ISSN 1612-118X, 45-II, p.913-917
17. Neamtu M. (2006) Photochemische oxidation. In *Wassertechnologisches und wasserchemisches Praktikum*, Eds. Fritz H. Frimmel, Gudrun Abbt-Braun, Universität Karlsruhe, ISSN 1612-118X, 45-II, p.67-78
18. Neamtu M. (2006) "Solar-induced degradation of alkylphenol ethoxylates (APEO) and APEO metabolites in natural waters", Deutsche Forschungsgemeinschaft, 9 p.
19. Neamtu M., Catrinescu C., Kettrup A. (2004) Effect of dealumination of iron (III) - exchanged zeolites on oxidation of reactive yellow 84 azo dye in the presence of hydrogen peroxide, *Applied Catalysis: Environmental*, 51, 149-157.
20. Neamtu M., Zaharia C., Catrinescu C., Yediler A., Macoveanu M., Kettrup A. (2004) Fe-exchanged Y zeolite as catalyst for wet oxidation of Procion Marine H-EXL azo dye, *Applied Catalysis: Environmental* 48, 287-294.
21. Neamtu M., Yediler A., Siminiceanu I., Macoveanu M., Kettrup A. (2004) Decolorization of Disperse Red 354 azo dye in water by several oxidation processes – a comparative study, *Dyes and Pigments*, 60, 61-68.
22. Jahnel J., Neamtu M., Frimmel F. H. (2004) Entwicklung von Umweltqualitätsnormen zum Schutz aquatischer Biota in Oberflächengewässern (O 10.03) http://www.mvnet.de/wa_bo_ab/phpUNI/unistatisch/6/52/index.htm, 28 p.

23. Neamtu M., Yediler A., Siminiceanu I., Kettrup A. (2003) Oxidation of commercial reactive azo dye aqueous solutions by the photo-Fenton and Fenton-like processes, *Journal of Photochemistry and Photobiology A: Chemistry*, 161 (1), 87-93.
24. Neamtu M., Catrinescu C., Yediler A., Kettrup A. (2003) Catalytic wet peroxide oxidation of Reactive Yellow 84 azo dye over heterogeneous catalyst, in *Oxidation Technologies for water and wastewater treatment – Special Topic: AOP's for Recycling and Reuse*, Ed. A. Vogelpohl, Claustahl: Papierflieger Verlag, ISBN 3-89720-655-2, 899-904.
25. Kettrup A., Neamtu M., Yediler A., Siminiceanu I. (2003) Textile wastewater treatment by photochemical processes, in *Chemical Industry and Environment IV*, Eds. Macias Machin, A. and Umbria, J. (Universidad de Las Palmas de Gran Canaria), 31-36.
26. Catrinescu C., Neamtu M., Yediler A., Macoveanu M., Kettrup A. (2003) Mixed Al-Fe Pillared bentonite as catalyst for the oxidation of Reactive Yellow 84 azo dye by H₂O₂, *Bul. Univ. Tehn. "Gh. Asachi" Iasi*, Tomul XLIX (LIII), Fasc 1-2, 81-87
27. Neamtu M., Siminiceanu I., Yediler A., Kettrup A., (2002) Kinetics of decolorization and mineralization of reactive azo dyes in aqueous solution by UV/H₂O₂ oxidation, *Dyes and Pigments*, 53, 93-99.
28. Catrinescu C., Neamtu M., Yediler A., Macoveanu M., Kettrup A. (2002) Catalytic wet peroxide oxidation of an azo dye Reactive Yellow 84, over Fe-exchanged ultrastable Y zeolite, *Environmental Engineering and management Journal*, 1(2), 177-186.
29. Neamtu M., Yediler A., Kettrup A., (2002) Concepts and methodologies to minimize environmental impact from wastewater – textile industry, a case study, BMBF – Bundesministerium für Bildung und Forschung, 21p
30. Siminiceanu I., Neamtu M., (2001) Kinetics of Bisphenol A photodegradation in water by ultraviolet activated hydrogen peroxide, *Rev. Chim. (București)* (English Edition), 2 (1-2) 19-22
31. Neamtu M., Siminiceanu I., Kettrup A., (2000) Kinetics of Nitromusk Compounds Degradation in Water by Ultraviolet Radiation and Hydrogen Peroxide, *Chemosphere*, 40(12), 1407-1410
32. Lienert D., Neamtu M., Koch M., Yediler A., Kettrup A., (2000) Vergleich von Methoden zur CSB-Bestimmung in Abwasserteilströmen mit hohen Chloridkonzentration in der Textilveredlungsindustrie, *Melliand Textilberichte International Textile Reports*, 81(6), 523-525
33. Neamtu M., Yediler A., Siminiceanu I., Macoveanu K., Kettrup A., (2000) Phodegradation of reactive yellow 84 azo-dye in aqueous solution, *Toxicological and Environmental Chemistry*, vol.78, 31-40
34. Siminiceanu I., Neamtu M., Macoveanu M., (2000) Phodegradation of reactive yellow 84 azo-dye in the textile wastewate, *Analele Univ. "Ovidius" Constanta*, s. Chimie, vol. XI, 114-116
35. Lienert D., Neamtu M., Koch M., Yediler A., Kettrup A., (2000) Comparison and methods for COD determination in wastewater streams, *Melliand Textilberichte International Textile Reports*, 81(6), E130-131.
36. Lienert D., Koch M., Yediler A., Neamtu M., Kettrup A. et.al., (2000) *Appropriate technologies for minimization of environmental impact from industrial wastewater – textile industry, a case study, Final Report*, (AZ.: II/72 146), CD, submitted to Volkswagen-Foundation, Germany.
37. Siminiceanu I. and Neamtu M. (1999) Study of nitromusks degradation, *Analele Univ. "Al. I. Cuza"*, VII, 2, s. Chimie, 381-386.
38. Neamtu M., Sminiceanu I., (1999) Abiotic treatment of drinking water: nitro musks' destruction by ultraviolet oxidation with hydrogen peroxide (II), (in Romanian) *Rev. Chim. (Bukarest)*, 50(7) 545-553.
39. Siminiceanu I., Neamtu M., (1998) Photodegradation of bisphenol A in water by ultraviolet-activated hydrogen peroxide, *Bul. Univ. Tehn. "Gh. Asachi" Iasi*, Tom XLIV (XLVIII), 1-2, 61-67.
40. Neamtu M., Sminiceanu I., (1998) Abiotic treatment of drinking water: nitro musks' destruction by ultraviolet oxidation with hydrogen peroxide (I), (in Romanian) *Rev. Chim. (Bukarest)*, 49(11), 745-750.
41. Neamtu Mariana, *Studies concerning the abiotic treatment of water. Photodegradation of synthetic musks and of Bisphenol-A by advanced oxidation processes with UV radiation in the presence of hydrogen peroxide*, PhD Thesis, Technical University of Iasi, Iasi, 1997.
42. Neamtu M., Siminiceanu I., (1997) Determination of the reaction products of the bisphenol A photodegradation in water by ultraviolet catalysed oxidation with hydrogen peroxide, *Bul. Univ. Tehn. "Gh. Asachi" Iasi*, Tom XLIII (XLVII), 3-4, 43-50.
43. Neamtu M., Siminiceanu I., (1996) Photodegradation of bisphenol A in water in the presence of humic substances and surfactants, *Analele stiintifice ale Univ. "Al. I. Cuza" Iasi*, s. chim., IV, 179-183.
44. Neamtu M., Siminiceanu I., (1996) Determination of anionic products of nitromusk ketone degradation in water by UV-activated hydrogen peroxide, *Analele stiintifice ale Univ. "Al. I. Cuza" Iasi*, s. chim., IV, 183-188.
45. Siminiceanu I., Duca Gh., Neamtu M., (1995) Water Contamination by Pesticides, in: *Self-Purification Processes in Natural Waters* (Duca Gh. Editor), Bulat Art, Chisinau, p 167-179.

Conference Participation (oral or poster presentation)

1. Workshop of COST FP0901, September 7-8, 2011, Viterbo, Italy
2. Italic 6 Science & Technology of Biomasses: Advances and challenges from forest and agricultural biomasses to high added value products: processes and materials, September 5-8, 2011, Tuscia University, Viterbo, Italy
3. KontaktUM Workshop für Multiplikatoren, February 19–21, 2010, Munich, Germany
4. KontaktUM, September 15-19, 2008, Munich, Germany.
5. ESTROM 2008 Conference, September 3-5, 2008, Bucharest, Romania, oral presentation
6. 9th International HCH and Pesticides Forum for Central and Eastern European, Caucasus and Central Asia Countries, September 20-22, 2007, Chişinău, Republic of Moldova, oral presentation
7. ESTROM Meeting, September 12–16, 2006, Iasi, Romania, oral presentation
8. 4th European Meeting on Solar Chemistry and Photocatalysis: Environmental Applications (SPEA 2006), November 8-10, 2006, Las Palmas, Gran Canaria, Spain, oral presentation
9. 13th Meeting of the International Humic Substances Society IHSS 2006, 30 July – 4 August 2006, Karlsruhe, Germany
10. Workshop on Water Chemistry "Water our Blue Gold", March 15-17, 2006, Bursa, Turkey, oral presentation
11. Environmental Science and Technology in Romania (ESTROM). May 11-13, 2006, Tulcea, Romania, oral presentation
12. 12 Interdisziplinäres Forschungskolloquium, March 22, 2006, Karlsruhe, Germany, oral presentation
13. International scientific conference UNITECH 2005, November 24 – 25, 2005, Gabrovo, Bulgaria
14. XIX Reunión Científica - SEA05, Sociedad Española de Arcillas, September 27 -29, 2005, Salamanca, Spain, oral presentation
15. Analytical Sciences in Environmental and Geological Research. 20 September 2005, EAWAG/EMPA Akademie, Dübendorf, Switzerland
16. ESTROM Kick-off Meeting, May 19-20, 2005, Cluj-Napoca, Romania, oral presentation
17. 10 Interdisziplinäres Forschungskolloquium. 14 October 2004, Karlsruhe, Germany, oral presentation
18. European Conference on UV Radiation. Effects and Technologies. UV Karlsruhe 2004, September 22-24, 2004, Karlsruhe, Germany.
19. COFrRoCA 2004, Actes du Colloque Franco-Roumain de Chimie Appliquee, September 22-26, 2004, Slănic Moldova, Romania, oral presentation
20. 16th International Congress of Chemical and Process Engineering CHISA 2004, August 22-26, 2004, Praha, Czech Republic
21. A XXVIII-a Conferința Națională de Chimie, October 6-8, 2004, Călimănești-Căciulata, Romania
22. 2nd International Congress on Ultraviolet Technologies IUVA, July 9-11, 2003, Vienna, Austria, oral presentation
23. 3rd IWA Conference on Oxidation Technologies for Water and Wastewater Treatment, May 18-22, 2003, Goslar, Germany
24. Annual General Meeting of Marie Curie Fellowship Association AGM 2003, April 5-6, 2003, Brussels, Belgium
25. European Meeting on Chemical Industry and Environment EMChIE 2003, February 12-14, 2003, Las Palmas de Gran Canaria, Spain, oral presentation
26. 5th IWA Chemical Industry group conference, November 13-15, 2002, Nîmes, France
27. Deuxieme colloque franco-roumain de chimie appliquee CoFrRoCa 2002, October 10-11, 2002, Bacau, Romania, oral presentation
28. 1st International Conference on Environmental Engineering and Management, ICEEM/01, September 26-28, 2002, Iași, Romania, oral presentation
29. 15th International Congress of Chemical and Process Engineering CHISA'2002, August 25-29, 2002, Praha, Czech Republic
30. 3rd European Congress of Chemical Engineering ECCE, June 26-28, 2001, Nürnberg, Germany
31. Deuxieme colloque franco-roumain de chimie appliquee CoFrRoCa 2000, October 12–14, 2000, Bacau, Romania, oral presentation
32. 7th Regional Meeting of the Central and East European Section of SECOTOX, September 25-27, 2000, Bratislava, Slovakia
33. CEPS 6 Chemical Engineering Processes Symposium, 6th Edition, October 23-25, 1998, Piatra Neamț, Romania
34. SICHEM'98 International Symposium of Chemical Engineering, October 20-23, 1998, Bucharest, Romania, oral presentation
35. International Congress of Chemical and Process Engineering CHISA'98, August 23-28, 1998, Praha, Czech Republic
36. 1st International Conference of the Chemical Societies of the South-East European Countries, June 1-4, 1998, Halkidiki, Greece.
37. A XXIV-a Sesiune Națională de Comunicări Științifice, October 7-9, 1998, Călimănești-Căciulata, Romania

Publications in Conference Proceedings (selected)

38. Al II-lea Simpozion Internațional „Cercetarea Interdisciplinară Zonală, December 11-12, 1997, Timișoara, Romania, oral presentation
39. International Symposium on Ecological Chemistry, October 1-4, 1995, Chisinau, Republic of Moldova
40. Simpozion Științific Jubiliar „75 ani de învățământ chimic românesc la Alma Mater Napocensis, May 20-21, 1994, Cluj-Napoca, Romania

1. Ignat I., Neamtu M., Volf I., Popa V. I. (2011) Stability of plant polyphenols against UV irradiation. Proceeding of Italic 6 Science & Technology of Biomasses: Advances and challenges from forest and agricultural biomasses to high added value products: processes and materials, Tuscia University, Viterbo, ISBN 978-88-95688-65-7, 141-145
2. Neamtu M., De Alencastro, F. (2008) Chemical assessment of the Bahlui River in north-eastern Romania. Case study: Pesticides and Persistent Organic Polutants (POPs). In *Obslete Pesticides in Central and Eastern European, Caucasus and Central Asia Region: Start of clean up*, Eds. Vijgen J., Plesca V., Mosanu V., Barbarasa I., Cupcea L., Bulimaga T., ISBN 978-9975-70-707-7, USM, Chisinau, 2008, vol.2, 243-245.
3. Tercero L. E., Neamtu M., Frimmel F. H. (2006). The effect of Fe (III), nitrate and hydrogen carbonate on the degradation of bisphenol A by simulated solar UV-irradiation. In *Solar Chemistry and Photocatalysis. Environmental Applications. Book of abstracts* Las Palmas, Gran Canaria, Spain, 246-248
4. Neamtu M., Popa D. M., Frimmel F. H. (2006) Photodegradation of endocrine disrupting chemicals nonylphenol and octylphenol in River Rhine and Lake Hohloh waters. In *Humic Substances – Linking Structure to Functions. Proceeding of 13th Meeting of the International Humic Substances Society*, Fritz H. Frimmel, Gudrun Abbt-Braun (Eds.), ISSN 1612-118X, 45-II, p.913-917
5. Zaharia C., Neamtu M., Yediler A., Surpateanu, M., Macoveanu M. (2005) Catalytic wet hydrogen peroxide oxidation of Reactive Procion Marine H-EXL dye solutions, in *Proceedings of international scientific conference UNITECH 2005*, ISBN 954-683-325-8, University Publishing house « V. Aprilov » - Gabrovo, vol II, 383-389
6. Bobu, M.-M., Siminiceanu, I., Neamtu, M. (2004) Paracetamol degradation in aqueous media by advanced oxidation processes. *COFrRoCA 2004*, Actes du Colloque Franco-Roumain de Chimie Appliquee, 539-540.
7. Siminiceanu I., Neamtu M., Bobu M.-M., Kinetics of paracetamol oxidation in water by UV/H₂O₂ photochemical process, *16th International Congress of Chemical and Process Engineering -CHISA 2004*, Praha, Czech Republic (CD ROM).
8. Neamtu M., Yediler A., Siminiceanu I., Kettrup A. (2003) Photo-Fenton Oxidation of C. I. Reactive Yellow 84 (RY84) and C. I. Reactive Red 120 (RR120) azo dye aqueous solutions, in *Proceeding of 2nd International Congress on Ultraviolet Technologies*, CD.
9. Neamtu M., Yediler A., Siminiceanu I., Macoveanu M., Kettrup A. (2002) Comparison of disperse red 354 azo dye degradation in water by several oxidation processes, in *Proceeding of 5th IWA Chemical Industry group conference*, 391-399.
10. Wang C., Yediler A., Lienert D., Neamtu M., Kettrup A. (2000) Toxicity evaluation of wastewater, dyestuffs and auxiliaries used in textile finishing industry to luminescent bacteria *Vibrio fischeri*, in *CECOTOX, Book of abstracts*, Bratislava, Slovakia, 185-186
11. Siminiceanu I., Neamtu M., (2000) Cinetique de la decomposition des colorants azoiques en milieu aqueux par le procede UV/H₂O₂, in *CoFrRoCa 2000*, ISBN 973-99703-3-8, 92-93.
12. Siminiceanu I., Neamtu M., Piaskovski S., (2000) Procedes photochimiques et electrochimiques pour le traitement de l'eau, in *CoFrRoCa 2000*, ISBN 973-99703-3-8, 8-9.
13. Neamtu M., Sminiceanu I., (1998) Study of nitromusks degradation in water, in *SICHEM'98*, ISBN 973-9390-36-6, 306-311.
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International impact

Number of citation (except self citations) of my publications is: 525 by SCOPUS, and 513 by ISI Web of Knowledge, resulting in a Hirsch Index of 9 and individual relative Article Influence Score (corresponding author) of 25.59. Researcher ID: A-5596-2011