

Data: 25.04.2014

LISTA DE LUCRĂRI**OANCEA SIMONA****a) Lista celor 10 lucrări considerate relevante pentru realizările profesionale obținute ulterior conferirii titlului de Doctor**

1. **Oancea S.**, Formaggio F., Campestrini S., Broxterman Q.B., Kaptein B., Toniolo, C., Distance dependency of exciton coupled circular dichroism using turn and helical peptide spacers, *Biopolymers* 72(2), 105-115, 2003. <http://onlinelibrary.wiley.com/doi/10.1002/bip.10315/full> IF = 2.879
2. **Oancea S.**, Hilma G., Peggion C., Formaggio F., Toniolo C., Main-chain length control of conformation, membrane activity, and antibiotic properties of lipopeptaibol sequential analogues, *Chem. Biodivers.*, 681-692, 2008. <http://onlinelibrary.wiley.com/doi/10.1002/cbdv.200890065/abstract> IF = 1.808
3. Gatto E., G. Bocchinfuso, A. Palleschi, **Oancea S.**, De Zotti M., Formaggio F., Toniolo C., M. Venanzi, 3D structure, dynamics, and activity of synthetic analog of the peptaibiotic trichodecinen I, *Chem. Biodivers.*, 10, 887-903, 2013. <http://onlinelibrary.wiley.com/doi/10.1002/cbdv.200890065/references> IF = 1.808
4. **Oancea S.**, Stoia M., Coman D., Effects of extraction conditions on bioactive anthocyanin content of *Vaccinium corymbosum* in the perspective of food applications, *Engineering Procedia* 42, 534-542, 2012. <http://www.sciencedirect.com/science/article/pii/S1877705812028408>
5. **Oancea S.**, Grosu C., Ketney O., Stoia M., Conventional and ultrasound-assisted extraction of anthocyanins from blackberry and sweet cherry cultivars, *Acta Chim. Slov.*, 60(2), 383-389, 2013. <http://acta.chem-soc.si/60/60-2-383.pdf> IF = 1.135
6. **Oancea S.**, Drăghici O., pH and thermal stability of anthocyanin-based optimized extracts of Romanian red onion cultivars, *Czech J. Food Sci.* 31(3), 283-291, 2013. <http://www.agriculturejournals.cz/publicFiles/104966.pdf> IF = 0.685
7. Coman D., **Oancea S.**, Vrinceanu N., Stoia M., Sonication and conventional dyeing procedures of lignocellulosic fibres with *Allium cepa* anthocyanin extract, *Cellulose Chem. Technol.* 48(1-2), 145-157, 2014. [http://www.cellulosechemtechnol.ro/pdf/CCT1-2\(2014\)/p.145-157.pdf](http://www.cellulosechemtechnol.ro/pdf/CCT1-2(2014)/p.145-157.pdf) IF = 0.825
8. **Oancea S.**, Moiseenco F., Traldi P., Total phenolics and anthocyanin profiles of Romanian wild and cultivated blueberries by direct infusion ESI-IT-MS/MS, *Rom. Biotech. Lett.* vol. 18, no. 3, 8350-8360, 2013. <http://www.rombio.eu/vol18nr3/16%20Oancea.pdf> IF = 0.363
9. **Oancea S.**, Grosu C., Effect of *Vaccinium myrtillus* anthocyanin extract on lipid oxidation in cod liver oil, *Rom. Biotech. Lett.* vol. 18, no. 1, 7897-7903, 2013. IF = 0.363 <http://www.rombio.eu/vol18nr1/3%20Oancea.pdf>
10. **Oancea S.**, Moiseenco F., Ketney O., Traldi P., Effects of freezing and oven drying of Romanian wild and cultivated red raspberries on total anthocyanins and total antioxidant capacity, *Rom. Biotech. Lett.* vol. 19, no. 2, 9240-9247, 2014. http://www.rombio.eu/vol19nr2/18_19_2_2014%20Oancea%20rec%2017%20dec%202013ac%2016%20martie%202014.pdf IF = 0.363

b) Teza de doctorat

- 1) **Simona Oancea**, titlul tezei "*Sinteza unor oligopeptide naturale și analogi cu potențială activitate biologică*", conducător științific prof. univ. dr. Ovidiu Maior, Universitatea București, susținută public în 31.05.1999, confirmată în 23.06.1999, atestată cu Diploma de doctor în Chimie, specializarea Chimie organică, nr. 5086/01.07.1999.

c) Brevete de invenție

- 1) Cerere de brevet înregistrată la OSIM (A/00410 din 28-05-2013)

d) Cărți și capitole de cărți

Cursuri și îndrumare universitare publicate

- 1) **Oancea Simona:** *“Biochimia structurală a produselor alimentare”* (curs pentru studenții la învățământ la distanță), Editura Universității “Lucian Blaga” din Sibiu, Romania, ISBN 978-606-12-0455-7, 2013 (80 pagini).
- 2) **Oancea Simona:** *“Toxicologie alimentară”* (curs pentru studenții la învățământ la distanță), Editura Universității “Lucian Blaga” din Sibiu, Romania, ISBN 978-606-12-0456-4, 2013 (50 pagini).
- 3) **Oancea Simona:** *“Imunologie pentru studenții în profil alimentar”*, Editura Universității “Lucian Blaga” din Sibiu, Romania, ISBN 978-973-739-937-3, 2010 (111 pagini).
- 4) **Oancea Simona:** *“Biochimie ecologică”*, Editura Alma Mater, Sibiu, Romania, ISBN 978-973-632-389-8, 2007 (229 pagini).
- 5) **Oancea Simona:** *“Toxicologie alimentară și elemente de toxicologia mediului”*, Editura Universității “Lucian Blaga” din Sibiu, Romania, ISBN (10) 973-739-327-9 ; ISBN (13) 978-973-739-327-2, 2006 (216 pagini).
- 6) **Oancea Simona:** *“Biochimia structurală a produselor alimentare”*. Editura Universității “Lucian Blaga” din Sibiu, Romania, ISBN 973-651-475-7, 2002 (177 pagini format B5).
- 7) Darie N., **Oancea Simona:** *“Lucrări practice de biochimie alimentară”*. Editura Universității “Lucian Blaga” Sibiu, Romania, ISBN 973-9410-41-3, 1999 (234 pagini).

Cărți (monografii, tratate) publicate în edituri din țară și străinătate recunoscute de CNCSIS

- 1) Stoia M., **Oancea Simona:** *„Phytopharmaceuticals market research – from herbal medicine to modern phytotherapy”*, LAP Lambert Academic Publishing, ISBN 978-3-659-52810-1, 2014 (110 pagini).
- 2) Stoia M., Neamțiu I., Gurzău E., Bardac D., **Oancea Simona:** *„Sănătate și securitate ocupațională la Copșa Mică”*, Editura Universității “Lucian Blaga” din Sibiu, Romania, ISBN 978-973-739-772-0, 2009 (183 pagini).
- 3) **Oancea Simona**, Stoia M.: *“Analiza unor agenți toxici din alimente și organism”* Editura Alma Mater, Sibiu, Romania, ISBN 978-973-632-390-4, 2007 (173 pagini).
- 4) **Oancea Simona:** *“Căi metabolice primare în sistemele biologice”* Editura Universității “Lucian Blaga” din Sibiu, Romania, ISBN 973-739-194-2, 2005 (159 pagini format B5).

Capitole în cărți (monografii, tratate) publicate în edituri de prestigiu din țară și străinătate

- 1) **Oancea Simona:** cap. *„Main-chain length control of conformation, membrane activity, and antibiotic properties of lipopeptidol sequential analogues”* in cartea *„Peptaibiotics. Fungal peptides containing α -dialkyl α -amino acids”*, C. Toniolo, H. Bruckner (Eds.), Part IV, pp. 389-400, published by **Verlag Helvetica Chimica Acta ; Wiley-VCH**, ISBN-10 3-906390-52-7, ISBN-13 978-3-906390-52-9, 2009
- 2) **Oancea Simona**, A.T. Bogdan, C. Oprean: cap. 1 *“Criza alimentară mondială: cauze, provocări, dimensiuni, perspective”* din cartea *“Managementul integrat strategic al combaterii inteligente a crizei alimentare globale, bazat pe bioeconomie și ecoeconomie”* (pp. 15-28), coordonatori Alexandru T. Bogdan, L. Oprean, C. Oprean, **Editura Academiei Române, București 2012**, ISBN 978-973-27-2266-4 (659 pagini).
- 3) **Oancea Simona**, C. Oprean: cap. 2 *“Strategii pentru combaterea crizei alimentare”* din cartea *“Managementul integrat strategic al combaterii inteligente a crizei alimentare globale, bazat pe bioeconomie și ecoeconomie”* (pp. 28-37), coordonatori Alexandru T. Bogdan, L. Oprean, C. Oprean, **Editura Academiei Române, București 2012**, ISBN 978-973-27-2266-4 (659 pagini).
- 4) **Oancea Simona**, A.T. Bogdan: cap. 3 *“Agricultura sustenabilă”* din cartea *“Managementul integrat strategic al combaterii inteligente a crizei alimentare globale, bazat pe bioeconomie și ecoeconomie”* (pp. 37-72), coordonatori Alexandru T. Bogdan, L. Oprean, C. Oprean, **Editura Academiei Române, București 2012**, ISBN 978-973-27-2266-4 (659 pagini).
- 5) **Oancea Simona**, Bănăduc D., Oprean L.: cap. 4 *“Securitatea și siguranța alimentară”* din cartea *“Managementul integrat strategic al combaterii inteligente a crizei alimentare globale, bazat pe bioeconomie și ecoeconomie”* (72-85), coordonatori Alexandru T. Bogdan, L. Oprean, C. Oprean, **Editura Academiei Române, București 2012**, ISBN 978-973-27-2266-4 (659 pagini).
- 6) **Oancea Simona:** cap. 27 *“Studii fizice, chimice și toxicologice asupra apei și sedimentului din râul Cibin”* din cartea *“Apa-resursă fundamentală a dezvoltării durabile. Metode și tehnici neconvenționale*

de epurare și tratare a apei” vol. II (pp. 462-474), coordonator Oprean L., **Editura Academiei Române**, București 2012, ISBN 978-973-27-2269-5, Vol. II. – ISBN 978-973-27-2271-8 (504 pagini).

- 7) **Oancea Simona**: cap. 32 “Metode chimice de îndepărtare a unor agenți chimici potențiali toxici din apele uzate” din cartea “Apa-resursă fundamentală a dezvoltării durabile. Metode și tehnici neconvenționale de epurare și tratare a apei” vol. III (pp. 233-241), coordonator Oprean L., **Editura Academiei Române**, București 2012, ISBN 978-973-27-2269-5, Vol. III – ISBN 978-973-27-2272-5 (569 pagini).
- 8) **Oancea Simona**: cap. 9 „Deșeuri industriale periculoase” (pp. 165-177) din cartea „Expunerea la factori de risc de la locul de muncă și din mediul ambiental” autori Bardac D.I., Gurzău E.S., Stoia M., Editura Universității “Lucian Blaga” din Sibiu, Romania, ISBN 978-973-739-487-3, 2007 (213 pagini).

e) Articole/studii in extenso publicate în reviste din fluxul științific internațional principal

Articole publicate în reviste cotate ISI (conform Web of Knowledge / Web of Science)

- 1) **Oancea Simona**, Coman D., Vrinceanu N., Stoia M.: “Sonication and conventional dyeing procedures of lignocellulosic fibres with *Allium cepa* anthocyanin extract” *Cellulose Chem. Technol.* 48(1-2), 145-157, 2014. <http://www.cellulosechemtechnol.ro>
- 2) **Oancea S.**, Moiseenco F., Ketney O., Traldi P., Effects of freezing and oven drying of Romanian wild and cultivated red raspberries on total anthocyanins and total antioxidant capacity, *Rom. Biotech. Lett.* vol. 19, no. 2, 9240-9247, 2014. http://www.rombio.eu/vol19nr2/18_19_2_2014%20Oancea%20rec%2017%20dec%202013ac%2016%20martie%202014.pdf
- 3) **Oancea Simona**, Grosu C.: “Protective effect of *Allium cepa* L. anthocyanin extract on the oxidative stability of sunflower oil” *Oxid. Commun.* 37(2), 2014. <http://www.scibulcom.net/home.html>
- 4) Stoia M., **Oancea Simona**: “Health reasons for improving the oxidative stability of sunflower oil” *Oxid. Commun.* 36(3), 636-668, 2013. [Thomson ISI <http://www.isiknowledge.com/>] ISI impact factor 0,123 in 2011. <http://www.scibulcom.net/home.html>
- 5) Ionaș M., **Oancea Simona**, Cernușcă-Mițariu M.M.: “Pilot study assessing the ability of the dental spectrophotometer to measure the colour changes induced by natural pigments” *Optoelectron. Adv. Mat. – Rapid Communications* Vol. 7, no. 11-12, 922-926, 2013 ISI impact factor 0,402 SRI= 0,190 (în 2012). <http://oam-rc.inoe.ro>
- 6) **Oancea Simona**, Moiseenco F., Traldi P., “Total phenolics and anthocyanin profiles of Romanian wild and cultivated blueberries by direct infusion ESI-IT-MS/MS”, *Rom. Biotechnol. Lett.* vol. 18, no. 3, 8350-8360, 2013. ISSN 1224-5984, [Thomson ISI <http://www.isiknowledge.com/>] ISI impact factor 0,349. <http://www.rombio.eu/index.html>
- 7) **Oancea Simona**, Grosu C., Ketney O., Stoia M., “Conventional and ultrasound-assisted extraction of anthocyanins from blackberry and sweet cherry cultivars”, *Acta Chim. Slov.*, 60(2), 383-389, 2013. [Thomson ISI <http://www.isiknowledge.com/>] ISI impact factor 1,328 in 2011 <http://acta.chem-soc.si/>
- 8) **Oancea Simona**, Drăghici O.: “pH and thermal stability of anthocyanin-based optimized extracts of Romanian red onion cultivars” *Czech J Food Sci.* 31, 283-291, 2013. ISSN 1212-1800, [Thomson ISI <http://www.isiknowledge.com/>] ISI impact factor 0,676 in 2011, SRI 0,34314. <http://www.agriculturejournals.cz/web/cjfs.htm>
- 9) Gatto E., Bocchinfuso G., Palleschi A., **Oancea Simona**, De Zotti M., Formaggio F., Toniolo C., Venanzi M., “3D structure, dynamics, and activity of synthetic analog of the peptaibiotic trichodeceniin I”, *Chem. Biodivers.* 10, 887-903, 2013. [Thomson ISI <http://www.isiknowledge.com/>] ISI impact factor 1.804 in 2011-2012. <http://www.chembiodiv.ch/>
- 10) Peggion C., Biondi B., Battistella C., De Zotti M., **Oancea Simona**, Formaggio F., Toniolo C.: “Spectroscopically labeled peptaibiotics. Synthesis and properties of selected trichogin GA IV analogs bearing a side-chain-monofluorinated aromatic amino acid for ¹⁹F-NMR analysis” *Chem. Biodivers.* 10, 904-919, 2013. [Thomson ISI <http://www.isiknowledge.com/>] ISI impact factor 1.804 in 2011-2012. <http://www.chembiodiv.ch/>
- 11) Peggion C., Biondi B., De Zotti M., **Oancea Simona**, Formaggio F., Toniolo C.: “Spectroscopically labeled peptaibiotic analogs. The 4-nitrophenylalanine infrared absorption probe inserted at different positions into trichogin GA IV” *J. Pept. Sci.* 19, 246-256, 2013. online ISSN: 1099-1387, [Thomson ISI <http://www.isiknowledge.com/>] Impact Factor: 1.954, ISI Journal Citation Reports & Ranking 2010:

- 32/71 Chemistry Analytical, 196/286 Biochemistry & Molecular Biology]
[http://onlinelibrary.wiley.com/journal/10.1002/\(ISSN\)1099-1387](http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1099-1387)
- 12) **Oancea Simona**, Grosu C.: “Effect of *Vaccinium myrtillus* anthocyanin extract on lipid oxidation in cod liver oil” *Rom. Biotechnol. Lett.* vol. 18, no. 1, 7897-7903, 2013. ISSN 1224-5984, [Thomson ISI <http://www.isiknowledge.com/>] ISI impact factor 0,349. <http://www.rombio.eu/index.html>
 - 13) De Zotti M., Biondi B., Peggion C., De Poli M., Fathi H., **Oancea Simona**, Formaggio F., Toniolo C.: “Peptaibiotic folding and bioactivity: role of backbone endothioamide linkages” *J. Pept. Sci.* 18(S1), S66-S66, 2012. ISSN 1075-2617, online ISSN: 1099-1387, [Thomson ISI <http://www.isiknowledge.com/> Impact Factor: 1.954, ISI Journal Citation Reports & Ranking 2010: 32/71 Chemistry Analytical, 196/286 Biochemistry & Molecular Biology]
[http://onlinelibrary.wiley.com/journal/10.1002/\(ISSN\)1099-1387](http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1099-1387)
 - 14) De Zotti M., Biondi B., Peggion C., De Poli M., Fathi H., **Oancea Simona**, Toniolo C., Formaggio F.: “Partial thioamide scan on the lipopeptaibiotic trichogin GA IV. Effects on folding and bioactivity” *Beilstein J. Org. Chem.* 8, 1161–1171, 2012. ISSN 1860-5397, [Thomson ISI <http://www.isiknowledge.com/>] ISI impact factor 2,517 in 2011, SRI = 0,67586. <https://www.beilstein-journals.org/bjoc/home/home.htm>, Abstracting & Indexing: PubMed Central, Thomson Scientific (ISI), CAS (CODEN: BJOCBH) and others.
 - 15) Gobbo M., Merli E., Biondi B., **Oancea Simona**, Toffoletti A., Formaggio F., Toniolo C.: “Synthesis and preliminary conformational analysis of TOAC spin-labeled analogues of the medium-length peptaibiotic tylopeptin B” *J. Pept. Sci.* 18, 37-44, 2012. ISSN 1075-2617, online ISSN: 1099-1387, [Thomson ISI <http://www.isiknowledge.com/> Impact Factor: 1.954, ISI Journal Citation Reports & Ranking 2010: 32/71 Chemistry Analytical, 196/286 Biochemistry & Molecular Biology]
[http://onlinelibrary.wiley.com/journal/10.1002/\(ISSN\)1099-1387](http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1099-1387)
 - 16) **Oancea Simona**, Stoia M.: “Antibiotic resistance of bacterial pathogens: the magnitude of the problem from two perspectives - Romanian and worldwide” *Rom. Biotechnol. Lett.* vol. 15(5), 5519-5529, 2010. ISSN 1224-5984, [Thomson ISI <http://www.isiknowledge.com/>] ISI impact factor 0,152 in 2009. <http://www.rombio.eu/index.html>, Abstracting & Indexing: *Thomson ISI Science Citation Index Expanded™*, *BIOSIS Previews*.
 - 17) Stoia M., **Oancea Simona**: “Individual susceptibility associated with enzymatic and cytogenetic biomarkers in occupational exposure to inorganic lead” *Rom. J. Leg. Med.*, vol. XVIII(2), 141-148, 2010. ISSN 1221-8618, [Thomson ISI <http://www.isiknowledge.com/>] ISI impact factor 0,105 in 2009. <http://www.rjlm.ro/>, Abstracting & Indexing: *Thomson ISI Science Citation Index Expanded*, *EMBASE*, *SCOPUS*, *Index Copernicus*, *CrossRef*.
 - 18) **Oancea Simona**: “An overview of conventional and alternative strategies for developing new antibacterial agents” *Acta Chim. Slov.* vol. 57, 630-642, 2010. Print ISSN: 1318-0207, Online ISSN: 1580-3155, [Thomson ISI <http://www.isiknowledge.com/>] ISI impact factor 1,011 in 2010. <http://acta.chem-soc.si/>
 - 19) Coman D., **Oancea Simona***, Vrînceanu N.: “Biofunctionalization of textile materials by antimicrobial treatments: a critical overview” *Rom. Biotechnol. Lett.* vol. 15(1), 4913-4921, 2010. ISSN 1224-5984, [Thomson ISI <http://www.isiknowledge.com/>] ISI impact factor 0,152 in 2009. <http://www.rombio.eu/>
 - 20) Stoia M., **Oancea Simona**, Obreja D.C.: “Comparative study of genotoxic effects in workers exposed to inorganic lead and low dose irradiation using micronucleus test” *Rom. J. Leg. Med.*, vol. XVII (4), 287-294, 2009, ISSN 1221-8618, [Thomson ISI <http://www.isiknowledge.com/>] ISI impact factor 0,105 in 2009. <http://www.rjlm.ro/>
 - 21) **Oancea Simona**: “Identification of glycomacropptide as indicator of milk and dairy drinks adulteration with whey by immunochromatographic assay” *Rom. Biotechnol. Lett.* vol. 14(1), 4146-4151, 2009. ISSN 1224-5984, [Thomson ISI <http://www.isiknowledge.com/>] ISI impact factor 0,152 in 2009. <http://www.rombio.eu/>
 - 22) **Oancea Simona**, Stoia M.: “Gluten screening from pharmaceutical products, an imperative for celiac disease management” *Farmacia* vol. LVII (1), 99-103, 2009. ISSN 0014-8237, [Thomson ISI <http://www.isiknowledge.com/>] ISI impact factor 0,144 in 2009. <http://www.revistafarmacia.ro/>
 - 23) **Oancea Simona**, Hilma G., Peggion C., Formaggio F., Toniolo C.: “Main-chain length control of conformation, membrane activity, and antibiotic properties of lipopeptaibol sequential analogues” *Chem. Biodivers.*, 681-692, 2008. ISSN 1612-1872 [Thomson ISI <http://www.isiknowledge.com/>] ISI impact factor 1.659 in 2008. <http://www.chembiodiv.ch/>

- 24) Dutot L., Gaucher A., Wright K., Wakselman M., Mazaleyrat J.-P., **Oancea Simona**, Peggion C., Formaggio F., Toniolo C.: "An extension of the Bip method: induced axial chirality in a series of dipeptides based on Bip/ $\beta^{2,2}$ -HBip combined with Ala/ β^3 -HAla". *Tetrahedron: Asymmetry* **17**, 363-371, 2006. ISSN 0957-4166, [Thomson ISI <http://www.isiknowledge.com/>], ISI impact factor 2,796. <http://www.sciencedirect.com/science/journal/09574166>
- 25) Gaucher A., Dutot L., Barbeau O., Wakselman M., Mazaleyrat J.-P., Peggion C., **Oancea Simona**, Formaggio F., Crisma M., Toniolo C.: "Synthesis of linear and cyclic homo- β -peptides based on binaphthyl β -amino acid with only axial chirality". *Tetrahedron: Asymmetry* **17**, 30-39, 2006. ISSN 0957-4166, [Thomson ISI <http://www.isiknowledge.com/>] ISI impact factor 2,796. <http://www.sciencedirect.com/science/journal/09574166>
- 26) Sartori E., Corvaja C., **Oancea Simona**, Formaggio F., Crisma M., Toniolo C.: "Linear configuration of the spins of a stable trinitroxide radical based on a ternary helical peptide", *Chem. Phys. Chem.* **6(8)**, 1472-1475, 2005. [Thomson ISI <http://www.isiknowledge.com/>] [http://onlinelibrary.wiley.com/journal/10.1002/\(ISSN\)1439-7641](http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1439-7641)
- 27) Mazaleyrat J.-P., Wright K., Gaucher A., Toulemonde N., Dutot L., Wakselman M., Broxterman Q.B., Kaptein B., **Oancea Simona**, Peggion C., Crisma M., Formaggio F., Toniolo C.: "Induced axial chirality in the biphenyl core of the pro-atropoisomeric, C $^{\alpha,\alpha}$ -tetrasubstituted α -amino acid residue Bip in peptides". *Chem. Eur. J.* **11(23)**, 6921-6929, 2005. [Thomson ISI <http://www.isiknowledge.com/>] [http://onlinelibrary.wiley.com/journal/10.1002/\(ISSN\)1521-3765](http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1521-3765)
- 28) Crisma M., Deschamps J. R., George C., Flippen-Anderson J. L., Kaptein B., Broxterman Q. B., Moretto A., **Oancea Simona**, Jost M., Formaggio F., Toniolo C.: "A topographically and conformationally constrained, spin-labeled, α -amino acid: crystallographic characterization in peptides". *J. Peptide Res.* (actual name: *Chemical Biology & Drug Design*) **65**, 564-579, 2005. [Thomson ISI <http://www.isiknowledge.com/>] [http://onlinelibrary.wiley.com/journal/10.1111/\(ISSN\)1747-0285](http://onlinelibrary.wiley.com/journal/10.1111/(ISSN)1747-0285)
- 29) Mazaleyrat J.-P., Wright K., Gaucher A., Toulemonde N., Wakselman M., **Oancea Simona**, Peggion C., Formaggio F., Toniolo C., Setnička V., Keiderling T.A., Toniolo C.: "Induced axial chirality in the biphenyl core of the C $^{\alpha}$ -tetrasubstituted α -amino acid residue Bip and subsequent propagation of chirality in (Bip) $_n$ /Val oligopeptides". *J. Am. Chem. Soc.* **126(40)**, 12874-12879, 2004. [Thomson ISI <http://www.isiknowledge.com/>] <http://pubs.acs.org/journal/jacsat>
- 30) Milov A.D., Tsvetkov Yu.D., Formaggio F., **Oancea Simona**, Toniolo C., Raap J.: "Solvent effect on the distance distribution between spin labels in aggregated spin labeled trichogin GA IV dimer peptides as studied by pulsed electron-electron double resonance". *Phys. Chem. Chem. Phys.* **6(13)**, 3596-3603, 2004. [Thomson ISI <http://www.isiknowledge.com/>] <http://pubs.rsc.org/en/journals/journalissues/cp#!recentarticles&all>
- 31) Milov A.D., Tsvetkov Yu.D., Formaggio F., **Oancea Simona**, Toniolo C., Raap J.: "Aggregation of spin labeled trichogin GA IV dimers: distance distribution between spin labels in frozen solutions by PELDOR data". *J. Phys. Chem. B* **107**, 13719-13727, 2003. [Thomson ISI <http://www.isiknowledge.com/>] <http://pubs.acs.org/journal/jpcbfbk>
- 32) Formaggio F., **Oancea Simona**, Peggion C., Crisma M., Toniolo C., Wright K., Wakselman M., Mazaleyrat J.-P.: "New tools for the control of peptide conformation and supramolecular chemistry: crown-carrier, C $^{\alpha}$ -methyl L-DOPA amino acids". *Biopolymers* **71(6)**, 667-674, 2003. [Thomson ISI <http://www.isiknowledge.com/>] [http://onlinelibrary.wiley.com/journal/10.1002/\(ISSN\)1097-0282](http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1097-0282)
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