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Alternative hybrid nanostructured support for solid phase peptide synthesis, RICCCE 20, Poiana Brasov, septembrie 2017

Mihai Radu (University Politehnica of Bucharest, Romania), Bogdan Purcăreanu, Daniela Istrati, Raluca Stan, Dan Eduard Mihaiescu

Adsorption capacity correlation with shell polarity of magnetic core-shell nanocarriers for pesticides trace analysis sample preparation, RICCCE 20, Poiana Brasov, septembrie 2017

Lucia Coc (University Politehnica of Bucharest, Romania), Ioana Lacatusu, Nicoleta Badea, Denisa Udeanu, Anca Pop, Catalina Negut, Ion Tanase, Raluca Stan, Aurelia Meghea

Nanostructured carriers based on lipid mediators and their therapeutic effects, RICCCE 20, Poiana Brasov, septembrie 2017

Jana Ghitman (University Politehnica of Bucharest, Romania), Raluca Stan, H. Iovu

New polymer - vegetable oil nanoparticles with potential biomedical applications , RICCCE 20, Poiana Brasov, septembrie 2017

Raluca Sanda Komartin (University Politehnica of Bucharest, Romania), Nicoleta Chira, Brindusa Bălănuță, Matei Raicopol, Take Constantinescu, Raluca Stan

Epoxidized Lallelantia iberica seed oil for novel ecofriendly composite materials based on renewable resources, RICCCE 20, Poiana Brasov, septembrie 2017

Raluca Stan (University Politehnica of Bucharest, Romania), Brîndușa Bălănuță, Horia Iovu

Vegetable oil derived elastomers suitable for osmotic-driven drug release , RICCCE 20, Poiana Brasov, septembrie 2017

Raluca Runceanu (University Politehnica of Bucharest, Romania), Brîndușa Bălănuță, Raluca Stan, Cristina Ott

Methacrylated vegetable oils applied in recovery of the residual lipids from the food industry effluents, RICCCE 20, Poiana Brasov, septembrie 2017

2016

Balanuca B., Stan R. Iovu H, Designed of new camelina oil-based hydrophilic monomers for novel polymeric materials, International conference of macromolecular materials- POLYMAT Spotlight, San- Sebastian, iulie 2016 Spania

Raluca Stan, Gabriela Badea, Cristina Ott, Ioana Lacatusu, Nicoleta Badea, Effect of vegetable oils on co-encapsulating of two antioxidant and anti-UV actives into nanostructured lipid carriers, Pharmaceutics- 2016, Dubai, April 2016

2015

1,3-Dipolar Cycloaddition Reaction of the Cycloimmonium N-Ylides: Synthetic Tool for Nitrogen Containing Bisheterocycles - M.M. Popa, E. Georgescu, F. Georgescu, R. Stan, C. Draghici, F. Dumitrascu, 19th Romanian International Conference on Chemistry and Chemical Engineering, Sibiu, 2015, OP 223

G. Badea, I. Lacatusu, N. Badea, R. Stan, C. Zalaru, A. Meghea, Promising New Cationic Lipid Nanocarriers coated with Hyaluronic Acid used for Tumor Targeting -, 19th Romanian International Conference on Chemistry and Chemical Engineering, Sibiu, 2015, P 93

Assessment of Functionalization Degree of Vegetable Oils for Technical Applications - N. Chira, M. Maganu, M. Raicopol, B. Balanuca, C. Stavarache, C. Andronescu, R. Stan, 19th Romanian International Conference on Chemistry and Chemical Engineering, Sibiu, 2015, P 153

Cytotoxicity Studies of 5-Fluorouracil loaded into Vegetable-Based Nanocarriers with Photoprotective Activity - R. Stan, G. Badea, L. Brasoveanu, C. Hotnog, I. Lacatusu, N. Badea, 9th Romanian International Conference on Chemistry and Chemical Engineering, Sibiu, 2015, P 94

R. Stan, I. Lacatusu, N. Badea, G. Niculae, D. Istrati and A. Meghea, *Influence of various vegetable oils in designing appropriate lipid carriers for ivy leaf extract*, 13th International Conference on Frontiers of Polymers and Advanced Materials (ICFPAM 2015), Marrakech, Maroc, aprilie 2015

2014

Anastasiu, Anca-Elena; Chira, Nicoleta-Aurelia; Stan, Liane Raluca; Ionescu, Niculina; Radu, Steluta; Rosca, Sorin Ioan; Evaluation of four Romanian linseed varieties as raw materials for industrial applications: production performances and qualitative characterization; International Symposium "Priorities of Chemistry for a Sustainable Development" - PRIOCHEM 10th Edition; 30.10.2014-31.10.2014; altele; Bucuresti, Romania

Marcel Mirel Popa, Emilian Georgescu, Florentina Georgescu, CalinDeleanu, Raluca Stan, Florea Dumitrascu; NITROGEN CONTAINING HETEROARENES FROM THE CLASS OF AZAINDOLIZINES; A XXXI-a Conferință Națională de Chimie cu participare internațională; 1.10.2014-3.10.2014; altele; Calimanesti-Caciulata (Ramnicu-Valcea), Romania

Cesare Oliviero Rossi, Anna Maria Talarico, Mauro Ghedini, Elisabeta I. Szerb, Matei Raicopol, Raluca Stan **Rheological analysis of functional templates for the construction of mesostructured materials**, P66-CS, **pag 158**, 9th Annual European, Rheology Conference, April 8 – 11, 2014, Karlsruhe, Germany

Brinđușă BĂLĂNUCĂ, Raluca STAN, Anamaria HANGANU, Adriana LUNGU, Horia IOVU "Camelina Oil – Based Hydrophilic Monomers for Novel Polymeric Materials", The 22nd Annual International Conference on Composites/Nano Engineering"13 - 20 Iulie 2014, Saint Julian's, Malta

Effect of savory oil on the antioxidant and antifungal properties of Nystatin loaded lipid nanocarriers, A. Bors, I. Lacatusu, G. Niculae, N. Badea, R. Stan, A. Meghea*, *University POLITEHNICA of Bucharest, Romania*, 4th International Colloids Conference, Surface Design & Engineering | 15-18 June 2014, Madrid, Spain, [P3.41]

Badea N., **Lacatusu I.**, Niculae G., Stan R., Meghea A. "Antioxidant effect of Laurel leaf extract loaded into bioactive lipid nanostructure", 55th International Conference on the Bioscience of Lipids, 22 – 28.06.2014, Aberdeen, Scoția

2013

Ecological monomers from vegetable oils used in paint industry

B. Balanuca, R. Stan, A. Hanganu, H. Iovu, **3 - 7 Martie 2013 - Third International Conference on Multifunctional, Hybrid and Nanomaterials - Hybrid Materials 2013, Sorrento, Italia, B.2.6.3**

B. BĂLĂNUCĂ, R. STAN, A. LUNGU, A. HANGANU, I. STANCU, E. VASILE, H. IOVU Bio-based Nanocomposites From Modified Vegetable Oil and Three-dimensional Inorganic/Organic Hybrids, 18th Romanian

International Conference on Chemistry and Chemical Engineering, Papers and Abstracts, **2013**, Politehica Press, Bucharest, **ISSN 2344 – 1895** ,S6-58

E. I. Szerb, M. Ghedini, M. D. Raicopol, R. Stan, A. L. Alexe-Ionescu, New ordered functional iridium(III)-based materials for electrooptical devices , 18th Romanian International Conference on Chemistry and Chemical Engineering, Papers and Abstracts, **2013**, Politehica Press, Bucharest, **ISSN 2344 – 1895**, S6-19

I. Lacatusu, G. Niculae, N. Badea, O. Popa, R. Stan, A. Meghea, **Nanocosmetic formulations based on bio-active squalene isolated from various vegetable sources**, , 18th Romanian International Conference on Chemistry and Chemical Engineering, Papers and Abstracts, **2013**, Politehica Press, Bucharest, **ISSN 2344 – 1895**, S1-30

G. Niculae, V. Dobrescu, R. Stan, I. Lacatusu, A. Meghea , **Improved photoprotection by using pomegranate seed oil-lipid nanocarriers**, 18th Romanian International Conference on Chemistry and Chemical Engineering, Papers and Abstracts, **2013**, Politehica Press, Bucharest, **ISSN 2344 – 1895**, S1-31

C. TODASCA, A. BRATU, M. MIHALACHE, C. PETRISOR, R. STAN, S. ROSCA, **Compositional study of oils from different varieties of Romanian apricots** 18th Romanian International Conference on Chemistry and Chemical Engineering, Papers and Abstracts, **2013**, Politehica Press, Bucharest, **ISSN 2344 – 1895**, S2-18

2012

Brîndușa BĂLĂNUCĂ, Alexa Maria CROITORU, Anamaria HANGANU, Raluca STAN, Horia IOVU, Valorisation des huiles vegetales par l'obtention des monomeres ecologiques utilises dans l'industrie des peintures , 27 - 29 Iunie 2012 - 7^{ème} édition du Colloque Franco-Roumain de Chimie Appliquée – CoFrRoCA 2012, Bacau

Lacatusu I., Badea N., Stan R., Meghea A. “New type of bio-active lipid nanocarriers for stabilization and sustained release of nutraceuticals”, XI Int. Conference on Nanostructured Materials, 26-31 August 2012, Rhodos, Grecia

2011

S. I. ROSCA, C. OTT,, R. STAN, L. PRECUPANU, A. HANGANU, New aspects of organic catalysis in aldol condensation reaction, RICCE17, Sinaia, 2011.

2010

Sorin I. Rosca, Cristina Ott, Raluca Stan, Matei Raicopol, Laura Precupanu, “ Alkylolation stereospecificque des arenes avec benzyle ethers-tricarboxyl-chrome”, **Poster**, Sixième Colloque Franco-Roumain de Chimie Appliquée, 7 – 10 Juillet 2010, Orléans, France, volum de rezumate, pag. 50, ISSN 2068-6382

-Matei Raicopol, Catalin Patrut, Erol Licsandru, **Cristina Ott, Raluca Stan, Sorin I Rosca**, „Synthese de derives arene-chrome- tricarboxyle chiraux greffes sur phase solide”, **Poster**, Sixième Colloque Franco-Roumain de Chimie Appliquée, 7 – 10 Juillet 2010, Orléans, France, volum de rezumate, pag. 49, ISSN 2068-6382 .

Raluca Stan, Cristina Ott, Georgeta Voicu, Sorin Rosca, „Chromium – Doped Nanostructured Silica Obtained Via Chiral 1-Phenylethylamine–Tricarboxylchromium”, **Poster**, 7th International Conference of Chemical Societies from South-East European Countries on “Chemistry – Beauty and Application”, 15-17 septembrie, 2010, Bucuresti, Romania

Matei D. Raicopol, Ruxandra Atasiei, Corina, Andronescu, Necula Dănuț, Mădălin Ceaulescu, Radu Cătrănescu, **Sorin I. Roșca**, „New Azopolymers for Optoelectronic Applications”, **Poster**, 7th International Conference of Chemical Societies from South-East European Countries on “Chemistry – Beauty and Application”, 15-17 septembrie, 2010, Bucuresti, Romania

Nicoleta Florea, Adriana Lungu, Raluca Stan, Horia Iovu, "Improved Dental Materials Properties Using Dibenzylidene Sorbitol Derivatives", *International Conference of the Chemical Societies of the South-East European Countries*, - *Chemistry Beauty and Application*", Bucuresti, 15-17 sept, , **2010**.

T. Zecheru, A. Lungu, N. M. Şulcă, R. L. Stan, H. Iovu, ,, Dibenzylidene Sorbitol Derivatives in Polymerization of Methacrylic Monomers for Dental Use", *23rd European Conference on Biomaterials, ESB 2010*, Tampere , Finlanda, 11-15 sept. **2010** .

N.M. Florea, A. Lungu, D. Necula, P. O. Stanescu, R. L. Stan, H. Iovu. "Kinetics of Copolymers Thermal Degradation Based on UDMA and BisGMA, 4th International Conference" Biomaterials, Tissue Engineering & Medical Devices "BiomMedD'2010, Sinaia, 23-25 sept. **2010**

2009

Sorin ROSCA, Cristina OTT, Raluca STAN, Matei RAICOPOL, "Renewable chiral auxiliary for enantioselective synthesis of α -aminoacids", S1-P-14, *Romanian International Conference on Chemistry and Chemical Engineering, RICCE16*, Sinaia sept 2009, (http://www.ricce16.upb.ro/client/files/Abstracts_S1.pdf, S.I.31)

Matei D. RAICOPOL, Cristina OTT, Raluca STAN and Sorin I. ROSCA, "Synthesis of organometallic polymer catalysts by grafting resins with arene-tricarbonyl-chromium complexes", S1-P-22, *Romanian International Conference on Chemistry and Chemical Engineering, RICCE16*, Sinaia sept **2009** (http://www.ricce16.upb.ro/client/files/Abstracts_S1.pdf, S.I.39)

Nicoleta ŞULCĂ, Adriana LUNGU, Raluca STAN, Horia IOVU, "Polymerization of methacrylic monomers of dental use mediated by dibenzylidene sorbitol", S6-O-10, *Romanian International Conference on Chemistry and Chemical Engineering, RICCE16*, Sinaia sept **2009** (http://www.ricce16.upb.ro/client/files/Abstracts_S6.pdf, S. VI. 12)

R. STAN, C. OTT, S. ROSCA, A. BADANOIU, S. STOLERIU, Syntheses of nanostructured silica mediated by mixtures of d-sorbitol derived organogelators and surfactants in chiral and achiral media, S6-P-37, *Romanian International Conference on Chemistry and Chemical Engineering, RICCE16*, Sinaia sept **2009** , http://www.ricce16.upb.ro/client/files/Abstracts_S6.pdf, S. VI. 50)

R .Stan, C.Ott, S.I. Rosca, A.Badanoiu, G.Voicu, S. Stoleriu, "Syntheses of nanostructured silica mediated by organogelators derived from D-sorbitol", *Romanian International Conference on Chemistry and Chemical Engineering- RICCE XV- Book of Abstracts*, Ed. Printech, Bucuresti, **2007**, p. S-1-44-45. (ISBN 978-973-718-785-7)

1992-2007

Cristina Ott, Alexandra Plesu, Raluca Stan, Matei D. Raicopol and S. I. Rosca, "Solid phase enantioselective reduction of aryl-alkyl ketones" *Romanian International Conference on Chemistry and Chemical Engineering- RICCE XV- Book of Abstracts*, Ed. Printech, Bucuresti, **2007**, p. S-1-42-43. (ISBN 978-973-718-785-7)

E.-C. Bratu, E. Pârlea, R. Stan, S.I. Roşca, "New Reactions of Carbon-Carbon Formation Mediated by Chromium Hexacarbonyl" *Romanian International Conference on Chemistry and Chemical Engineering- RICCE XV- Book of Abstracts*, Ed. Printech, Bucuresti, **2007**, p. S-1-46-47. (ISBN 978-973-718-785-7)

S.I. Rosca, S.Rosca, R.Stan, E.Parlea, J-L. Namy, H.B. Kagan, " *Regio- and Stereo Control in the Synthesis of Tricarbonyl-Chromium Complexed Oligo- and Poly-Diaryl Methanes*" N-PO-141, *1st European Chemistry Congress, Budapest, 2006, Abstract Book*, pag. 339. (ISBN- 963-9319-619).

Nicoleta Chira, Claudia Mihai, **Raluca Stan**, Cristina Todasca, Sorin Rosca, "Azo-Dyes and Polyphenolic Structural Motifs Grafted on Naturally Occuring Acids", *ICOSECS-5, International Conference of South-East European Chemical Societies, Book of Abstracts, vol.II*, Ohrid, Macedonia, **2006**, pag. 433. (ISBN 9989-650-26-8).

M.Raicopol, C.Ott, **R.Stan**, S.Rosca, S.I.Rosca, "Solid phase syntheses of regioregularly complexed dendrimeric diarylmethanes" *ICOSECS-5, International Conference of South-East European Chemical Societies, Book of Abstracts, vol.II*, Ohrid, Macedonia, **2006**, pag. 469. (ISBN 9989-650-26-8).

Sânziana Rosca, Cristina Ott, **Raluca Stan**, Sorin I. Rosca, Isabelle Rico-Lattes, Armand Lattes, "Composés avec des structures régiorégulières formés par oligo- et polycondensation des acétates de benzyl-tricarboxylchrome", *Actes de quatrième Colloque Franco-Roumain de Chimie Appliquée, CoFrRoCA 2006*, pag 50, ed. Alma Mater, Bacau, **2006** (ISBN 973-8392-17-9).

Elena Parlea, Sânziana Rosca, Raluca Stan, Diana Ciuculescu, Sorin I. Rosca, Jean-Louis Namy, Henri B. Kagan, "Synthèses de diarylméthanés et polyarylméthanés optiquement actifs par l'intermédiaire de complexes arènetricarboxylchrome", *Actes de quatrième Colloque Franco-Roumain de Chimie Appliquée, CoFrRoCA 2006 Clermond-Ferrand, Franta*, pag 44, ed. Alma Mater, Bacau, **2006** (ISBN 973-8392-17-9).

Raluca Stan, Sanziana Rosca, Nicoleta Chira, Sorin Rosca Emile Perez, Isabelle Rico-Lattes, Armand Lattes, "Nouveaux organogelifiants dérivés de D-sorbitol", *Actes de quatrième Colloque Franco-Roumain de Chimie Appliquée, CoFrRoCA 2006, Clermond-Ferrand, Franta*, pag 139, ed. Alma Mater, Bacau, **2006** (ISBN 973-8392-17-9).

Raluca Stan, Sânziana Roșca, Cristina Ott, S.I.Roșca, E.Perez, Isabelle Rico-Lattes, A.Lattes, "Organogelators with Complexing Groups Derived from D-Sorbitol", *ROMANIAN INTERNATIONAL CONFERENCE ON CHEMISTRY AND CHEMICAL ENGINEERING- RICCCE XIV, PROCEEDINGS - VOLUME 4*, pag. S02-36 - S02-42, Ed. Printech, București, **2005** (ISBN 973-718-284-7, 973-718-288-X).

S.I.Rosca, Sanziana Rosca, **Raluca Stan**, Cristina Ott, "Enantioselective Solid-Phase Synthesis", *4th International Conference of the Chemical Societies of the South-East European Countries, ICOSECS 4, Belgrade,GT-* P-130, p.167, **2004** (ISBN 86-7132-019-7).

S. I. Rosca, Elena Parlea, **Raluca Stan**, Sanziana Rosca, "Synthesis of Optically pure Di- and Poly-diarylmethanes via Chromium Complexed Benzylic Cations", *4th International Conference of the Chemical Societies of the South-East European Countries, ICOSECS 4, Belgrade,GT-05*, p.29, **2004** (ISBN 86-7132-019-7).

Raluca Stan, Cristina Ott, Manuela Chiper, Sânziana Roșca, S.I.Roșca, "New syntheses of optically active ortho-substituted acetophenone-tricarboxyl-chromium", *3rd International Conference of the Chemical Societies of the South-Eastern European Countries, Bucharest, Romania, 2002*, p.185, Ed. Nemira, Bucuresti (ISBN 973-569-555-3).

Cristina Bololoi, Elena Parlea, **Raluca Stan**, Sânziana Rosca, S.I.Rosca, "Regio- and stereoselectively tricarboxyl – chromium complexed diarylmethanes and poly(diarylmethanes) exhibiting planar chirality", *3rd International Conference of the Chemical Societies of the South-Eastern European Countries, Bucharest, Romania, 2002*, p.115, Ed. Nemira, Bucuresti (ISBN 973-569-555-3).

Diana Ciuculescu, Elena Parlea, **Raluca Stan**, Sânziana Roșca, S.I.Roșca, "First synthesis of optically active di- and polyarylmethanes via tricarboxyl-chromium complexes", *3rd International Conference of the Chemical Societies of the South-Eastern European Countries, Bucharest, Romania, 2002*, p. 144, Ed. Nemira, Bucuresti (ISBN 973-569-555-3).

Elena Pârlea, **Raluca Stan**, Cristina Bololoi, Diana Ciuculescu, S.I.Roşca, "Retention of configuration in the condensation of optically active π -complexed benzylic acetates", *RICCCE 12, Organic Chemical Technology, Biochemistry and Organic Chemistry*, Ed. Printech, Bucharest, **2001**, p.313 (ISBN 973-652-381-0).

Gabriela Stanciu, Eleonora Mihaela Ungureanu, **Raluca Stan**, S.I.Roşca, "The rearrangement of electrochemically generated 2-phenylethyl free radical", *RICCCE 12, Organic Chemical Technology, Biochemistry and Organic Chemistry*, Ed. Printech, Bucharest, **2001**, p.297 (ISBN 973-652-381-0).

C.Deleanu, Sânziana Roşca, **Raluca Stan**, Cristina Ott, S.I.Roşca, "The conformation of amino and ammonium substituted tricarbonyl-chromium complexes derived from ^1H - and ^{13}C -NMR spectra", *RICCCE 12, Organic Chemical Technology, Biochemistry and Organic Chemistry*, Ed. Printech, Bucharest, **2001**, p.290 (ISBN 973-652-381-0).

C.Deleanu, **Raluca Stan**, Cristina Ott, S.I.Roşca, "Interaction between ligands in arene-chromium-dicarbonyl-triphenylphosphine complexes deduced from ^1H -, ^{13}C - and ^{31}P -NMR spectroscopy", *RICCCE 12, Organic Chemical Technology, Biochemistry and Organic Chemistry*, Ed. Printech, Bucharest, **2001**, p.266 (ISBN 973-652-381-0).

. S.I.Rosca, E.M.Ungureanu, R.Stan and G.Stanciu, "New aspects concerning unstable intermediates involved in anodic oxidation of carboxylates" *The 199th Meeting of the Electrochemical Society*, **2001**, Washington, USA, 1001 (ISBN 1-56677-306-7).

Parlea E., **Stan R.**, Rosca S.I., "Polycondensation reactions of tricarbonyl-chromium complexed benzyl acetates" *2nd International Conference of the Chemical Societies of the South-Eastern European Countries*, Halkidiki, Greece, **2000**, PO288.

Rosca, S.I., **Stan R.**, Ungureanu M, Mihaiescu D., Stanciu G., Delenu C., "Mechanistic study of the anodic oxidation of 3-phenylpropionic acid" *2nd International Conference of the Chemical Societies of the South-Eastern European Countries*, Halkidiki, Greece, **2000**, PO299.

Sanziana Rosca, **Raluca Stan**, C. Deleanu and S.I.Rosca, "New C-C bond formations mediated by chromium hexacarbonyl", *A -XI Conferinta Internationala de Chimie si Inginerie chimica*, Bucuresti, **1999**. CD Papers of RICCE11, Section 2, 26.

Vi35.**Raluca Stan**, Gabriela Stanciu, Andrada Militaru, Eleonora-Mihaela Ungureanu, Dan Mihaiescu, S.I.Rosca, "Oxidarea anodica a esterilor acizilor carboxilici. I Oxidarea anodica a fenilacetatului de metil" (*Anodic oxidation of carboxylic acids esters. I. Anodic oxidation of methyl phenylacetate*), *A -XI Conferinta Internationala de Chimie si Inginerie chimica*, Bucuresti, **1999**. CD Papers of RICCE11, Section 2, 16.

Sânziana Rosca, **Raluca Stan**, Elena Pârlea, S.I.Rosca, "Syntheses via condensation reactions of complexes benzylic carbanions" *A -XI Conferinta Internationala de Chimie si Inginerie chimica*, Bucuresti, **1999**. CD Papers of RICCE11, Section 2, 5.

Raluca Stan, Sanziana Rosca, Cristina Ott, T. Caproiu, S.I. Rosca "A new synthesis for optically active π -arylketones", *A -XI Conferinta Internationala de Chimie si Inginerie chimica*, Bucuresti, **1999**, CD Papers of RICCE11, Section 2, 1.

Sanziana Rosca, **Raluca Stan** si S.I.Rosca, "Stereoselective complexation of prochiral arenes" *Proc. of 32nd Science Week*, Damascus, Siria, **1992**, 148.