

Articles

1. Tanta-Verona Nicolescu, Walid Meouche, Catherine Branger, André Margailan, Andrei Sarbu, Dan Donescu, Tailor-made polymer beads for gallic acid recognition and separation, *Journal of polymer research*, 19(12) 2012, 1-12.
2. Stefan-Ovidiu Dima, Walid Meouche, Tanase Dobre, Tanta-Verona Iordache, Andrei Sarbu, Diosgenin-selective molecularly imprinted pearls prepared by wet phase inversion, *Reactive and functional polymers*, 73(9) 2013, 1188-1197.
3. Dima Stefan, Dobre Tanase, Chetaru Olga, Nicolae Cristian, Spataru Catalin, Sarbu Andrei, Molecularly imprinted poly(acrylonitrile-co-acrylic acid) matrix with sclareol, *Polymer Engineering & Science*, 54(7), 2014, 1484–1494.
4. Tanta-Verona Iordache, Andrei Sarbu, Dan Donescu, Cristian-Andi Nicolae, Florica-Adriana Jerca, Stefan-Ovidiu Dima, Selecting the nature of imprinted molecular organosilica sieves with gallic acid via thermal analyses, *Journal of Thermal Analysis and Calorimetry*, accepted may 2014, DOI: 10.1007/s10973-014-3851-y.
5. Teodor Sandu, Andrei Sarbu, Celina Maria Damian, Adela Marin, Silviu Vulpe, Temenuzhka Budinova, Boyko Tsyntsarski, M. Ferhat Yardim, Ahmet Sirkecioglu, Preparation and Characterization of New Acrylic Bicomponent Polymer Membranes, *Journal of applied polymer science*, accepted 12 May 2014, DOI: 10.1002/app.41013.
6. Florea Ana-Mihaela, Iordache Tanta-Verona, Ghiurea Marius, Avramescu Sorin, Hubca Gheorghe, Sarbu Andrei, Designing hypericin-imprinted macroporous beads using an innovative approach, sent to *Chemical communications*.
7. Ana-Mihaela Florea, Andrei Sârbu, Tanta-Verona Iordache, Alexandra-Sorina Garea, Teodor Sandu, Steluta Apostol, Gheorghe Hubca, Operational Parameters for The Preparation of Precursor Polymer Matrix Used in Molecular Imprinting, *Buletinul Stiintific UPB, Seria B, Nr.4 /2015*.
8. Ana M. Florea, Tanta V. Iordache, Catherine Branger, Marius Ghiurea, Sorin Avramescu, Gheorghe Hubca, Andrei Sarbu, An Innovative Approach to Prepare Hypericin Molecularly Imprinted Pearls Using a "Phyto-Template", *Talanta* 148, 2016, 37-45.
9. Teodor Sandu, Andrei Sarbu, Celina Maria Damian, Delia Patroi, Temenuzhka Budinova, Boyko Tsyntsarski, M. Ferhat Yardim, Ahmet Sirkecioglu, Functionalized Bicomponent Polymer Membranes as Supports for Covalent Immobilization of Enzyme, *Reactive And Functional Polymers*, 96, 2015, 5-13.

Communications

1. Prioritatile chimiei pentru o dezvoltare durabila PRIOCHEM-editia a VIII-a, 25-26 octombrie 2012, Bucuresti, Competitive batch rebinding in diosgenin molecularly imprinted polymers (D-MIPS), Stefan-Ovidiu Dima, Andrei Sarbu, Tanase Dobre.
2. 8th International Conference of the Chemical Societies of the South-East European Countries 27–29 June 2012, Belgrad, Serbia, Isolation and purification of hypericin from *Hypericum Perforatum* L. extracts using a combined method: liquid-liquid extraction and HPLC, Ana-Mihaela Florea, Sorin Avramescu, Andrei Sarbu, Teodor Sandu, Steluta Apostol, Gheorghe Hubca.
3. 8th International Conference of the Chemical Societies of the South-East European Countries 27–29 June 2012, Belgrad, Serbia, Study of the Influence of Phase Inversion Parameters on the Porosity of Polymer Bicomponent Membranes, Teodor Sandu, Ana-Mihaela Florea, Andrei Sârbu, Adela Marin.
4. 8th International Conference of the Chemical Societies of the South-East European Countries 27–29 June 2012, Belgrad, Serbia, Nanopores creation in silica particles for advanced separations, Stefan-Ovidiu Dima, Andrei Sarbu.
5. 8th International Conference of the Chemical Societies of the South-East European Countries 27–29 June 2012, Belgrad, Serbia, Imprinted mesoporous molecular sieve MCM-48 for gallic acid separation, Tanta-Verona Iordache, Andrei Sarbu, Dan Donescu, Violeta Purcar, Raluca Shomoghi, Marius Ghiurea, Catalin-Ilie Spataru.
6. 2-nd Central and Eastern European Conference on Thermal analysis and calorimetry, 27-30 august 2013, Vilnius, Lituania, Selecting the nature of imprinted molecular sieve MCM-48 with gallic acid via thermal analyses, Tanta-Verona Iordache, Andrei Sarbu, Dan Donescu, Cristian-Andi Nicolae, Stefan-Ovidiu Dima, Florica-Adriana Jerca.
7. 2-nd Central and Eastern European Conference on Thermal analysis and calorimetry, 27-30 august 2013, Vilnius, Lituania, Thermal analysis applied on molecularly imprinted polymers, Stefan-Ovidiu Dima, Tanta-Verona Iordache, Andrei Sarbu, Dan Donescu, Cristian-Andi Nicolae, Anita-Laura Ciripoiu.
8. RICCCE 18, 4-9 septembrie 2013, Sinaia, Research on the selection of matrix copolymers suitable for the molecular imprinting of hypericin, Ana-Mihaela Florea, Andrei Sarbu, Stela Iancu, Monica Duldner, Steluta Apostol, Ovidiu Dima, Liliana Sarbu, Teodor Sandu, Gheorghe Hubca.
9. RICCCE 18, 4-9 septembrie 2013, Sinaia, Mass transfer and mathematical modelling in molecularly imprinted polymers with sclareol, Stefan-Ovidiu Dima, Tanase Dobre, Olga Chetaru and Andrei Sarbu.
10. International Conference of Physical Chemistry – ROMPHYSICHEM 15, 11-13 septembrie 2013, Bucuresti, Reactivity Ratios Assessment for Acrylonitrile Copolymerization with Etoxylated Co-monomers, L. Sarbu, Laura Ciripoiu, Andrei Sarbu, Anamaria Zaharia, Sandu Teodor, Sorina Garea.

11. Prioritatile chimiei pentru o dezvoltare durabila PRIOCHEM- editia a IX-a, 24-25 octombrie 2013, Bucuresti Studies on appropriate acrylonitrile-methacrylic acid matrix for molecular imprinting of hypericin, Ana-Mihaela Florea, Andrei Sarbu, Stefan-Ovidiu Dima, Steluta Apostol, Gheorghe Hubca.
12. Prioritatile chimiei pentru o dezvoltare durabila PRIOCHEM- editia a IX-a, 24-25 octombrie 2013, Bucuresti, Adsorption isotherms in molecularly imprinted polymers, Ștefan-Ovidiu Dima, Andrei Sârbu, Ana-Mihaela Florea, Tanța-Verona Iordache.
13. Prioritatile chimiei pentru o dezvoltare durabila PRIOCHEM- editia a IX-a, 24-25 octombrie 2013, Bucuresti, Organosilica imprinted materials for gallic acid separation, Iordache Tanta-Verona, Dima Stefan-Ovidiu, Sarbu Andrei, Donescu Dan, Apostol Steluta.
14. 4th Black Sea Scientific Conference "Black Sea - Challenges Towards Good Environmental Status", 28th - 31th October 2013, Constanta, Romania, Some Aspects Concerning Polymer Bicomponent Membranes for Sea Water Pollution Prevention, Teodor Sandu, Ana M. Florea, Andrei Sârbu, Liliana Sarbu and Steluta Apostol.
15. 3rd International Polymer processing Conference IPPC 2013, Sibiu, Romania, 7-8 noiembrie 2013, Contributions on the obtaining of molecularly imprinted polymers with bioactive substances, Andrei Sarbu.
16. XI^{ème} Colloque Franco-Roumain sur les Polymères (CFR 2014) 27-29 august 2014, Pitesti, Romania, Perles polymeriques a empreintes moleculaires obtenues par la methode d'inversion des phases, Ana-Mihaela Florea, Tanta-Verona Iordache, Andrei Sarbu, Steluta Apostol, Sorina-Alexandra Garea, Gheorghe Hubca.
17. 8^{ème} Colloque Franco–Roumain de Chimie Appliquée, 15-18 septembre 2014 Montpellier, France, Méthode analytique d'extraction en phase solide de l'acide gallique via des organosilicates à empreintes moléculaire, Tanta-Verona Iordache, Andrei Sarbu, Dan Donescu, Ana Mihaela Florea, Anita-Laura Radu, Anamaria Zaharia.
18. 8^{ème} Colloque Franco–Roumain de Chimie Appliquée, 15-18 septembre 2014 Montpellier, France, Étude d'analyse thermique des perles a empreintes moléculaires de hypericine, Ana-Mihaela Florea, Andrei Sârbu, Tanța-Verona Nicolescu, Anita-Laura Radu, Anamaria Zaharia, Steluța Apostol, Stela Iancu, Gheorghe Hubca.
19. SICHEM 2014, 20 June 2014, Bucharest, Romania, Molecularly imprinted polymers - a modern class of advanced polymer materials, Andrei Sarbu, invited speaker.
20. 8th International Conference on Molecular Imprinting (MIP2014) 17-22 September 2014, Zhenjiang, Jiangsu (China), New achievements in the molecular imprinting of bioactive substances by phase inversion, Andrei Sarbu, invited oral presentation.

21. PROINVENT 2014, 19-21 March 2014, Cluj-Napoca, Romania, A process for the obtaining of polypyrrole grains containing covalently immobilized enzymes, A. Sârbu, T. Sandu, R. Săndulescu, C. Cristea, S.O. Dima, I. Udrea, C. Bradu, A.A. Dumitru, S. Vulpe, H. Iovu, L. Sârbu, E. Bodoki.
- 22 EuroAliment VI, 5 octombrie 2013, Galati, Study of the influence of monomer content on the porosity of polymer bicomponent membranes, Teodor Sandu, Ana-Mihaela Florea, Andrei Sarbu, Anita Laura Ciripoiu, Steluta Apostol.
23. XXXIII Conferinta Nationala de Chimie, 01-03 October 2014, Calimanesti, Valcea, Romania, Selective separation of hypericine using molecularly imprinted beads obtained via concentrated hypericum perforatum extracts, Ana Mihaela Florea, Andrei Sarbu, Steluta Apostol, Anamaria Zaharia, Anita-Laura Radu, Tanta-Verona Iordache.
24. Prioritatile chimiei pentru o dezvoltare durabila PRIOCHEM- editia a X-a, 30-31 October 2014, Bucuresti, Romania Hypericin imprinted poly (methacrylic acid -co-ethylene glycol dimethacrylate) beads using a suspension approach, Ana-Mihaela Florea, Andrei Sarbu, Steluta Apostol, Anita-Laura Radu, Anamaria Zaharia, Tanta-Verona Iordache.
25. Trend in natural products research: a young scientists meeting of PSE and ÖPhG, 21-25.07.2013, Tyrol, Austria, Extraction processes to obtain some extracts enriched in hypericin from Hypericum perforatum species from natural populations, Cretu Ruxandra, Ionescu Elena, Mitroi Rodica Gabriela, Iacob Elena, Tebrencu Carmen, Giurescu Catrinel.
26. Sesiunea stiintifica de Toamna a Academiei Oamenilor de Stiinta din Romania "Eco-economia si dezvoltarea durabila" 20-21.09.2013, Brasov, Romania, Screeningul fitochimic al extractelor din Rhamnus frangula L.: studiu preliminar de utilizare a acestora ca agenti anti-patogenici in agricultura durabila, Carmen Tebrencu, Elena Ionescu, Neculai Antohe.
27. VIII CMAPSEEC, Durrës, Albania, 19-22 May 2014, Comparative Study For the Obtaining of Some Extracts Enriched in Hypericin From St. John's Wort, Ionescu Elena, Cretu Ruxandra, Tebrencu Carmen, Mitroi Gabriela, Iacob Elena, Giurescu Catrinel, Sarbu Andrei.
28. Frontiers in Polymer Science, 20-22 May 2015, Riva del Garda, Italy, Synthesis of unique hypericin adsorbents using a new molecularly imprinting approach, A-M. Florea, T-V. Iordache, A. Sarbu, C. Branger, S. Apostol, T. Sandu, A. Zaharia, A-L. Radu, G. Hubca.
29. RICCCE 2015, Sibiu, september 2015, Influence of functional monomers upon hypericin-imprinted beads properties, Florea, A. Sarbu, T.V. Iordache, C. Branger, A. Margailan, G. Hubca.

30. 2nd Asian-European Symposium on Organic Optoelectronics, 27-29 October 2015, Edinburgh, UK, New molecularly imprinted polymer membranes for biomimetic sensors, Ana- Mihaela P. Florea, Tanta- Verona S. Iordache, Andrei V. Sarbu, Steluta T. Apostol, Traian T-I. Rotariu, Gabriela M. Nita, Carmen N. Lazau, Teodor M. Sandu, Anita- Laura C. Radu, Liliana C. Sarbu, Andreea-Elena C. Voicu.
31. Priorities of Chemistry for a Sustainable Development PRIOCHEM 2015 editia XI, 29-30 oct.2015, Molecularly imprinted polymers obtained by wet phase inversion for separation and sensing, Tanta-Verona Iordache, Ana-Mihaela Florea, Steluta Apostol, Anita-Laura Radu, Anamaria Zaharia, Violeta Purcar, Catherine Branger, Hugues Brisset, Andrei Sarbu.
32. 2nd International Conference on Natural Products Utilization-From Plants to Pharmacy Shelf, 14-17 October 2015, Plovdiv, Bulgaria, Naphtodianthroneextracts from St. John's Wort, Ionescu Elena, Cretu M. Ruxandra, Tebrencu E. Carmen, Mitroi Gabriela, Iacob Elena, Sarbu Andrei.
33. 24^e Journée de la Chimie SCF-PACA, Toulon–Campus Porte d'Italie 22 avril 2015, Synthèse et caractérisation d'un polymère à empreintes électrochimiques du Bisphénol A Vitalys Mba Ekomo, Catherine Branger, Ana-Mihaela Florea, Andrei Sarbu, Raphaël Bill Bikanga, Hugues Brisset.
34. 6th Graduate Student Symposium on Molecular Imprinting, 27-28.08.2015, Kent, UK, Electrochemical molecularly imprinted polymers as recognition elements for Bisphenol A, V. M. Ekomo, H. Brisset, A.-M. Florea, A. Sârbu, R. Bikanga, C. Branger.
35. 14^{èmes} Journées de la section Méditerranée du Groupe Français d'études et d'applications des Polymères (G.F.P.), 22-23.10.2015, Nice, Franța, Détection du Bisphénol A avec des polymères à empreintes moléculaires électrochimiques, V. M. Ekomo, H. Brisset, A.-M. Florea, A. Sârbu, R. Bikanga, C. Branger.