

2020

1. **A. Iovescu, G. Stîngă, M.E. Maxim**, M. Gosecka, T. Basinska, S. Slomkowski, D. Angelescu, S. Petrescu, N. Stănică, **A. Băran, D.F. Anghel**, *Chitosan-polyglycidol complexes to coating iron oxide particles for dye adsorption*, Carbohydrate Polymers, 246, 2020, 116571.
2. **L. Aricov**, D.G. Angelescu, **A. Băran, A.R. Leontieș**, V.T. Popa, A. Precupaș, R. Sandu, **G. Stîngă, D.F. Anghel**, *Interaction of piroxicam with bovine serum albumin investigated by spectroscopic, calorimetric and computational molecular methods*, Journal of Biomolecular Structure and Dynamics, 38, 2020, 2659-2671.
3. **L. Aricov, A.R. Leontieș**, I.C. Gîfu, D. Preda, A. Raducan, **D.F. Anghel**, *Enhancement of laccase immobilization onto wet chitosan microspheres using an iterative protocol and its potential to remove micropollutants*, Journal of Environmental Management, 2020, 276, 111326.
4. A. Precupas, D. Gheorghe, A. Botea-Petcu, **A.R. Leontieș**, R. Sandu, V.T. Popa, E. Mariussen, E.Y. Naouale, E. Rundén-Pran, V. Dumit, Y. Xue, M.R. Cimpan, M. Dusinska, A. Haase, S. Tanasescu, *Thermodynamic parameters at bio–nano interface and nanomaterial toxicity: A case study on BSA interaction with ZnO, SiO₂, and TiO₂*, Chemical Research in Toxicology, 33, 2020, 2054-2071.
5. F. Branzoi, **A. Băran, L. Aricov**, E. Alexandrescu, *The inhibition action of some organic polymers on the corrosion carbon steel in acidic media*, Chemical Papers, 74, 2020, 4315-4335.

2019

1. **G. Stîngă, A. Băran, A. Iovescu, L. Aricov, D.F. Anghel**, *Monitoring the confinement of methylene blue in pyrene labeled poly (acrylic acid)*, Journal of Molecular Liquids, 273, 2019, 125–133.
2. **A. Băran, G. Stîngă, D.F. Anghel**, F. Brânzoi, *Micellar size changing in the systems of octaethylene glycol mono(n-dodecyl) ether without and with poly(acrylic acid)*, Journal of Molecular Liquids, 284, 2019, 709-717.
3. I.C. Gîfu, **M.E. Maxim**, L.O. Cintează, M. Popa, **L. Aricov, A.R. Leontieș**, M. Anastasescu, **D.F. Anghel**, R. Ianchiș, C.M. Ninciuleanu, S. G. Burlacu, C.L. Nistor, C. Petcu, *Antimicrobial Activities of hydrophobically modified poly(acrylate) films and their complexes with different chain length cationic surfactants*, Coatings, 9, 2019, 244.
4. **F.C. Mihăilescu, M. Balcan, M.E. Maxim, D.F. Anghel**, *Combustible microemulsions with diesel and diesel admixed with rapeseed oil*, Revista de Chimie, 70, 2019, 3163-3166.
5. I. Ion, G.R. Ivan, R.M. Senin, S.M. Doncea, L. Capra, C. Modrojan, O. Oprea, **G. Stinga, O. Orbulet, A.C. Ion**, *Adsorption of triclocarban (TCC) onto fullerene C60 in simulated environmental aqueous conditions*, Separation Science and Technology, 54, 2019, 2759-2772.
6. S. Mocanu, I. Matei, **A.R. Leontieș**, V. Tecuceanu, A. Hanganu, Z. Minea, A. Stancu, E.I. Popescu, G. Ioniță, *New flexible molecular probes bearing dansyl and TEMPO moieties for host-guest interactions in solution and gels*, New Journal of Chemistry, 43, 2019, 11233-11240.
7. A. Precupas, **A.R. Leontieș**, A. Neacșu, R. Sandu, V.T. Popa, *Gallic acid influence on bovine serum albumin thermal stability*, New Journal of Chemistry, 43, 2019, 3891-3898.
8. F. Brânzoi, **A. Băran**, *The inhibition effect of some organic compounds on corrosion of brass and carbon steel in aggressive medium*, International Journal of Electrochemical Science, 14, 2019, 2780-2803.
9. M. Rapa, R.N. Darie-Nita, P. Preda, V. Coroiu, R. Tatia, C. Vasile, E. Matei, A.M. Predescu, **M.E. Maxim**, *PLA/collagen hydrolysate/silver nanoparticles bionanocomposites for potential antimicrobial urinary drains*, Polymer-Plastics Technology and Materials, 58, 2019, 2041-2055.

2018

1. E.L. Vasilescu, M. Balcan, G. Stîngă, A. Băran, I.C. Văcăreşteanu, L. Aricov, D.F. Anghel, *A micellar decontamination strategy for removal of polycyclic aromatic hydrocarbons from environment*, Environmental Engineering and Management Journal, 17, 2018, 2813-2821.
2. I.C. Gîfu, M.E. Maxim, A. Iovescu, L. Aricov, A.R. Leontieş, M. Anastasescu, C.M. Ninciuleanu, E. Alexandrescu, D.F. Anghel, *Water-repellent glass by hydrophobically modified poly(acrylate) - surfactant complexes and silica*, Revue Roumaine Chimie, 63(5-6), 2018, 475-480.
3. E.L. Simion, G. Stîngă, L. Aricov, D.M. Vuluga, D.F. Anghel, *Influence of borax and a hydrophobically modified sodium polyacrylate with low molecular weight on SDS aggregation*, Revue Roumaine de Chimie, 63, 2018, 729-735.
4. L. Capra, M. Manolache, I. Ion, R. Stoica, G. Stinga, S.M. Doncea, E. Alexandrescu, R. Somoghi, M.R. Calin, I. Radulescu, G.R. Ivan, M. Deaconu, A.C. Ion, *Adsorption of Sb (III) on oxidized exfoliated graphite nanoplatelets*, Nanomaterials, 8, 2018, 992.
5. S. Mocanu, G. Ionita, S. Ionescu, V. Tecuceanu, M. Enache, A.R. Leontieş, C. Stavarache, I. Matei, *New environment-sensitive bis-dansyl molecular probes bearing alkyl diamine linkers: Emissive features and interaction with cyclodextrins*, Chemical Physics Letters, 713, 2018, 226-234.

2017

1. L. Aricov, A. Băran, G. Stîngă, E.L. Simion, I.C. Gîfu, D.F. Anghel, V. Rădiţoiu, *Formation and hosting properties of polyacrylate-surfactant complexes*, Colloid and Polymer Science, 295, 2017, 1017-1038.
2. A. Băran, A. Iovescu, M. Gosecka, G. Stîngă, S. Peretz, T. Basinska, S. Slomkowski, M.E. Maxim, D.F. Anghel, *Peculiarities of linear and hyperbranched polyglycidols in water and aqueous surfactant solutions*, European Polymer Journal, 94, 2017, 162-172.
3. E.L. Simion, G. Stîngă, A. Iovescu, A. Băran, D.F. Anghel, *Ageing of fluorescent and smart naphthalene labeled poly(acrylic acid)/cationic surfactant complex*, Colloids and Surfaces A: Physicochemical and Engineering Aspects, 527, 2017, 81-88.
4. I.C. Gîfu, M.E. Maxim, A. Iovescu, L. Aricov, E.L. Simion, A.R. Leontieş, M. Anastasescu, C. Munteanu, D.F. Anghel, *Natural aging of multilayer films containing hydrophobically modified poly(acrylate)s or their complexes with surfactants*, Applied Surface Science, 412, 2017, 489-496.
5. A.R. Leontieş, G. Stîngă, C. Ilie, D.F. Anghel, *Physicochemical studies on ketoprofen encapsulated in Pluronic F127 nanomicelles for drug applications*, Revue Roumaine de Chimie, 62, 2017, 657-662.
6. S. Mocanu, I. Matei, S. Ionescu, V. Tecuceanu, G. Marinescu, P. Ioniţă, D. Culiţă, A. Leontieş, G. Ioniţă, *Complexation of β -cyclodextrin with dual molecular probes bearing fluorescent and paramagnetic moieties linked by short polyether chains*, PhysChem ChemPhys, 19, 2017, 27839-27847.
7. A. Precupaş, R. Sandu, A.R. Leontieş, D.F. Anghel, V.T. Popa, *Interaction of caffeic acid with bovine serum albumin is complex: Calorimetric, spectroscopic and molecular docking evidence*, New Journal of Chemistry, 41, 2017, 15003-15015.

2016

1. **L. Aricov, A. Băran, E.L. Simion, I.C. Gîfu, D.F. Anghel, V.V. Jerca, D.M. Vuluga**, *New insights into the self-assembling of some hydrophobically modified polyacrylates in aqueous solution*, Colloid and Polymer Science, 294, 2016, 667–679.
2. **G. Stîngă, A. Băran, A. Iovescu, D.F. Anghel**, *Self-aggregation of the pyrene labeled poly(acrylic acid) in nanoscopically crowded environments*, Journal of Photochemistry & Photobiology, A: Chemistry, 328, 2016, 33–41.
3. **E.L. Simion, G. Stîngă, A. Băran, L. Aricov, I.C. Gîfu, D.F. Anghel**, *Smart borax complexes starting from anionic surfactant in association with unlabeled or fluorescently labeled poly(acrylic acid)s*, Colloid and Polymer Science, 294, 2016, 927–939.
4. **G. Stîngă, M.E. Maxim, A. Iovescu, D.E. Mihăiescu, A. Băran, A.R. Leontieș, M. Balcan, D.F. Anghel**, *NRET - A rapid method to investigate the water-oil interface in reverse micellar systems*, Journal of Molecular Liquids, 214, 2016, 283–292.
5. **I.C. Gîfu, M.E. Maxim, A. Iovescu, E.L. Simion, L. Aricov, M. Anastasescu, C. Munteanu, D.F. Anghel**, *Surface hydrophobization by electrostatic deposition of hydrophobically modified poly(acrylates) and their complexes with surfactants*, Applied Surface Science, 371, 2016, 519–529.
6. **L. Aricov, H. Petkova, D. Arabadzhieva, A. Iovescu, E. Mileva, K. Khristov, G. Stîngă, C.F. Mihailescu, D.F. Anghel, R. Todorov**, *Aqueous solutions of associative poly(acrylates): Bulk and interfacial properties*, Colloids and Surfaces A: Physicochemical Engineering Aspects, 505, 2016, 138–149.

2015

1. **A. Iovescu, A. Băran, G. Stîngă, A.R. Cantemir-Leontieș, M.E. Maxim, D.F. Anghel**, *A combined binding mechanism of nonionic ethoxylated surfactants to bovine serum albumin revealed by fluorescence and circular dichroism*, Journal of Photochemistry & Photobiology, B: Biology, 153, 2015, 198–205.
2. **A. Raditoiu, V. Raditoiu, D.C. Culita, A. Băran, D.F. Anghel, C.I. Spataru, V. Amariutei, C.A. Nicolae, L.E. Wagner**, *Photophysical properties of some fluorescent materials containing 3-methoxy-7H-benzo[de]anthracen-7-one embedded in sol-gel silica hybrids*, Optical Materials, 45, 2015, 55–63.
3. **F.A. Jerca, V.V. Jerca, D.F. Anghel, G. Stîngă, G. Marton, D.S. Vasilescu, D.M. Vuluga**, *Novel aspects regarding the photochemistry of azo-derivatives substituted with strong acceptor groups*, Journal of Physical Chemistry C, 119, 2015, 10538–10549.
4. **D. Donescu, M. Ghiurea, C. Spătaru, G. Stîngă, D.F. Anghel, M. Baibarac, I. Baltog**, *1D-polyaniline starting from self-assembled systems*, Colloid and Polymer Science, 293, 2015, 2515–2524.
5. **G. Coneac, V. Vlaia, I. Olariu, A.M. Muș, D.F. Anghel, C. Ilie, C. Popoiu, D. Lupuleasa, L. Vlaia**, *Development and evaluation of new microemulsion-based hydrogel formulations for topical delivery of fluconazole*, AAPS PharmSciTech, 16, 2015, 889–904.
6. **S. Peretz, D.F. Anghel, E. Vasilescu, M. Florea-Spiroiu, C. Stoian, G. Zgherea**, *Synthesis, characterization and adsorption properties of alginate porous beads*, Polymer Bulletin, 72, 2015, 3169–3182.
7. **C. Stoian, S. Peretz, Gh. Zgherea**, *Nature and stability of liquid-liquid colloidal systems containing safflower oil*, Revue Roumaine de Chimie, 60, 2015, 25–32.

2014

1. **A. Băran, G. Stîngă, D.F. Anghel, A. Iovescu, M. Tudose**, *Comparing the spectral properties of pyrene as free molecule, labeland derivative in some colloidal systems*, Sensors and Actuators B, 197, 2014, 193–199.
2. **S. Peretz, M. Florea-Spiroiu, D.F. Anghel, C. Munteanu, D. Angelescu, C. Stoian, G. Zgherea**, *Chitosan-sodium lauryl ether sulfate particles and their use for adsorption of Cu(II) ions*, Journal of Applied Polymer Science, 131, 2014, 40059.
3. **M. Balcan, F.C. Mihăilescu, D.F. Anghel, I.C. Văcăreşteanu, L. Aricov, E.L. Vasilescu**, *Microemulsion systems containing diesel and colza oil as alternative fuels: Phase studies, interfacial tension and solubilization*, Fuel, 117, 2014, 251–258.
4. **T. Galaon, C. Văcăreşteanu, D.F. Anghel, V. David**, *Simultaneous ESI-APCI(+) ionization and fragmentation pathways for nine benzodiazepines and zolpidem using single quadrupole LC-MS*, Drug Testing and Analysis, 6, 2014, 439–450.
5. **D.G. Angelescu, M. Anastasescu, D.F. Anghel**, *Synthesis and modeling of calcium alginate nanoparticles in quaternary water-in-oil microemulsions*, Colloids and Surfaces A: Physicochemical Engineering Aspects, 460, 2014, 95–103.

2013

1. **A. Iovescu, M. Gosecka, T. Basinska, A. Băran, G. Stîngă, S. Slomkowski, D.F. Anghel**, *Spectroscopical properties of a DTAF-labeled hydrophilic-hydrophobic copolymer in water and surfactant micelles*, Dyes and Pigments, 97, 2013, 347–352.
2. **C.I. Spătaru, V. Purcar, M. Ghiurea, C. Radovici, G. Stîngă, D. Donescu**, *Effects of the nanoassociation of hexadecyltrimethoxysilane precursors on the sol–gel process*, Journal of Sol-Gel Science and Technology, 65, 2013, 344–352.
3. **T. Galaon, D.F. Anghel, V. David, H.Y. Aboul-Enein**, *Unusual temperature-retention dependences observed for several benzodiazepines in RP-HPLC using different mobile phase compositions*, Chromatographia, 76, 2013, 1623–1630.
4. **S. Peretz, M. Florea-Spiroiu, D.F. Anghel, C. Stoian, G. Zgherea**, *Chitosan microparticulate systems prepared by polymer-surfactant interaction*, Revue Roumaine de Chimie, 58(2-3), 2013, 275–281.
5. **M. Florea-Spiroiu, D. Achimescu, I. Stanculescu, M. Purica, R. Gavrilă, S. Peretz**, *Anti-fog chitosan/sodium lauryl ether sulfate films*, Polymer Bulletin, 70 (12), 2013, 3305–3316.
6. **I. Feraru, R. Iordanescu, M. Elisa, C. Vasiliu, A. Volceanov, S. Stoleriu, S. Peretz, M. Filipescu**, *CdSe - doped phosphate glassy films obtained by PLD on silicon substrate*, Chalcogenide Letters, 10(11), 2013, 509–517.
7. **D.G. Angelescu, G. Munteanu, D.F. Anghel, S. Peretz, A.V. Maraloiu, V.S. Teodorescu**, *Formation mechanism of CdS Nanoparticle with tunable surface luminescence via non-ionic microemulsion route*, Journal of Nanoparticle Research, 15:1376, 2013, 1–15.
8. **G. Ionita, G. Marinescu, C. Ilie, D.F. Anghel, D.K. Smith, V. Chechik**, *Sorption of metal ions by poly(ethylene glycol)/ β -CD hydrogels leads to gel-embedded metal nanoparticles*, Langmuir, 29, 2013, 9173–9178.

2012

1. **M.E. Maxim, G. Stinga, A. Iovescu, A. Băran, C. Ilie, D.F. Anghel**, *Monitoring methylene blue inclusion in reverse micellar nanostructure*, Revue Roumaine de Chimie, 57, 2012, 203–208.

2. **M.E. Maxim, G. Stîngă, A. Băran, A. Iovescu, D.F. Anghel**, *Probing the micelle/water interface by non-radiative energy transfer*, *Revue Roumaine de Chimie*, 57(9-10), 2012, 863-869.
3. **S. Peretz, M. Florea-Spiroiu, D.F. Anghel, D. Bala, C. Stoian G. Zgherea**, *Microparticles obtained by biopolymer-surfactant interaction: Influence of pressure*, *Revue Roumaine de Chimie*, 57, 2012, 443-447.
4. **E.A. Dragu, S. Nica, M. Raicopol, A. Băran, D.F. Anghel, B. Cojocaru, L. Tarko, A.C. Razus**, *Synthesis, solid-state photophysical properties and electropolymerization of novel diazulenyl ethenes*, *Tetrahedron Letters*, 53, 2012, 2611-2614.
5. **S. Peretz, M. Florea-Spiroiu, D.F. Anghel, D. Bala, F. Branzoi, J. C. Moreno**, *Chitosan/anionic surfactant microparticles synthesized by high pressure spraying method for removal of phenolic pollutants*, *Central European Journal of Chemistry*, 10, 2012, 1969-1979.

2011

1. **D.F. Anghel, S. Saito, A. Iovescu, A. Băran, G. Stîngă**, *Counterion effect of cationic surfactants upon the interaction with poly(methacrylic acid)*, *Journal of Surfactants and Detergents*, 14, 2011, 91-101.
2. **V.V. Jerca, F.A. Nicolescu, R. Truşcă, E. Vasile, A. Băran, D.F. Anghel, D.S. Vasilescu, D.M. Vuluga**, *Oxazoline-Functional Polymer Particles Graft with Azo Dye*, *Reactive and Functional Polymers*, 71, 2011, 373-379.
3. **M. Grouchko, A. Kamyshny, C.F. Mihăilescu, D.F. Anghel, S. Magdassi**, *Conductive inks with a "built-in" mechanism that enables sintering at room temperature*, *ACS NANO*, 5(4), 2011, 3354-3359.
4. **M. Balcan, D.F. Anghel, C.F. Mihăilescu, E. Stepan**, *Reversed-phase high-performance liquid chromatographic analysis of biodiesel obtained from sunflower oil*, *Revista de Chimie (Bucureşti)*, 62(3), 2011, 255-260.
5. **S. Peretz, D.F. Anghel, E. Teodor, G. Stanciu, C. Stoian, G. Zgherea, M. Florea-Spiroiu**, *Improving the properties of CdS nanoparticles by adding polymers*, *Particulate Science and Technology*, 29(3), 2011, 229-241.
6. **C. Ilie, S. Iancu, M. Duldner, D.F. Anghel**, *Water-dispersible, biodegradable copolyesters from PET wastes. I Investigation of hydrophilic character*, *Revue Roumaine de Chimie*, 56(7), 2011, 725-734.
7. **M. Elisa, R. Iordanescu, B.A. Sava, G. Aldica, V. Kuncser, C. Valsangiacom, G. Schinteie, F. Nastase, C. Nastase, V. Bercu, A. Volceanov, S. Peretz**, *Optical and structural investigations on iron-containing phosphate glasses*, *Journal of Materials Science*, 46(6), 2011, 1563-1570.
8. **G. Zgherea, C. Stoian, S. Peretz**, *Analytical aspects regarding the flavor compounds in beer*, *Journal of Liquid Chromatography & Related Technologies*, 34(13), 2011, 1268-1282.

2010

1. **C. Ilie, D.F. Anghel, M. Balcan, A. Iovescu, G. Stîngă, A. Băran**, *The behavior of Carbopol 980 in aqueous solutions of nonionic surfactants. II. Evidence of complex formation by electrical conductivity, steady-state fluorescence, dye-solubilization and turbidity measurements*, *Revue Roumaine de Chimie*, 55(6), 2010, 341-347.
2. **C. Ilie, G. Stîngă, A. Iovescu, V. Purcar, D.F. Anghel, D. Donescu**, *The influence of nonionic surfactants on the Carbopol-PEG interpolymer complexes*, *Revue Roumaine de Chimie*, 55(7), 2010, 409-417.

3. V.V. Jerca, F.A. Nicolescu, **A. Băran, D.F. Anghel**, D.S. Vasilescu, D.M. Vuluga, *Synthesis and characterization of side-chain oxazoline–methyl methacrylate copolymers bearing azo-dye*, *Reactive and Functional Polymers* 70, 2010, 827–835.
4. B. Savu, **S. Peretz**, G.A. Stanciu, *CdS nanoparticles for laser scanning microscopy*, *Optoelectronics and Advanced Materials - Rapid Communications*, 4(4), 2010, 453-456.

2009

1. **C. Ilie, M. Balcan, A. Băran, A. Iovescu, G. Stinga**, M. Cornitescu, **D.F. Anghel**, *Le comportement du Carbopol 980 dans les solutions aqueuses des surfactifs non-ioniques. I. L'étude de la tension superficielle, de la viscosité et du pH*, *Revue Roumain de Chimie*, 54(7), 2009, 533 - 538.
2. S.A. Gavan, F.M. Winnik, **M.E. Maxim, G. Stinga, C. Ilie, D.F. Anghel**, *Effects induced by ethoxylated nonionic surfactants on pyrene-labeled hydroxypropyl cellulose in aqueous solution*, *Revue Roumaine de Chimie*, 54 (3), 2009, 227-234.
3. S.A. Gavan, **D.F. Anghel**, *Fluorescent labels grafted on poly(acrylic acid) accounting for conformational changes through non-radiative energy transfer*, *Revue Roumaine de Chimie*, 54(3), 2009, 219–225.
4. R. Ianchis, D. Donescu, C. Petcu, M. Ghiurea, **D.F. Anghel, G. Stinga**, A. Marcu, *Surfactant-free emulsion polymerization of styrene in the presence of silylated montmorillonite*, *Applied Clay Science*, 45, 2009, 164-170.
5. **S. Peretz**, M. Olteanu, C. Stoian, *Microparticules de chitosan et d'alginate formées en présence des tensioactifs*, *Revue Roumaine de Chimie*, 54 (1), 2009, 75-83.
6. C. Stoian, M. Olteanu, G. Zgherea, **S. Peretz**, *Stabilité des émulsions doubles réalisées en présence des polymères*, *Revue Roumaine de Chimie*, 54 (2), 2009, 173-179.
7. **S. Peretz**, B. Sava, M. Elisa, G. Stanciu, *Cadmium sulphide nanoparticles embedded in polymeric matrices*, *Optoelectronics and Advanced Materials*, 11 (12), 2009, 2098-2104.
8. M. Florea Spiroiu, M. Olteanu, V. Stanescu, S. Peretz, *Biopolymeric microcapsules for controlled release of pralidoxime chloride*, *Materiale Plastice*, 46(3), 2009, 295-299.

2008

1. **S. Peretz**, O. Cinteza, *Removal of some nitrophenol contaminants using alginate gel beads*, *Colloid and Surfaces A. Physicochemical and Engineering Aspects*, 319, 2008, 165-172.

2007

1. **D.F. Anghel**, S. Saito, **A. Băran, A. Iovescu**, M. Cornitescu, *The aggregation of nonionic surfactants in the presence of poly(methacrylic acid)*, *Colloid and Polymer Science*, 285, 2007, 771–779.
2. **M. Balcan, D.F. Anghel**, D. Donescu, V. Raicu, *The retention behavior of ethoxylated nonionic surfactants in reversed-phase high performance liquid chromatographic systems*, *Revue Roumaine de Chimie*, 52 (8-9), 2007, 771-780.
3. **D.F. Anghel, D.M. Mihai, G. Stinga, A. Iovescu, A. Băran**, R.v. Klitzing, *A study upon the interaction of dodecylpyridinium chloride with sodium dextran sulfate*, *Revue Roumaine de Chimie*, 57 (8-9), 2007, 781-787.
4. D.H. Rapoport, **D.F. Anghel**, G. Hedicke, H. Mohwald, R.v. Klitzing, *Spatial distribution of polyelectrolytes in thin free-standing aqueous films resolved with fluorescence spectroscopy*, *Journal of Physical Chemistry C*, 111, 2007, 5726-5734.

5. P. Nazaran, V. Bosio, W. Jaeger, **D.F. Anghel**, R.v. Klitzing, *Lateral mobility of polyelectrolyte chains in multilayers*, Journal of Physycal Chemistry B, 111, 2007, 8572-8581.
6. **S. Peretz**, O. Cinteza, *Sorbtia pe bile de alginat a unor derivati nitrofenolici din solutii apoase*, Revista de Chimie, 58(11), 2007, 1129-1133.

2006

1. **M. Balcan**, **D.F. Anghel**, D. Donescu, A.N. Galatanu, *The effect of mobile phase composition on the retention behavior of polydisperse ethoxylated nonylphenols in reversed-phase high performance liquid chromatography*, Revue Roumaine de Chimie, 51 (4), 2006, 299-302.

2005

1. D.F. Anghel, S. Saito, **A. Băran**, **A. Iovescu**, *Effects of temperature, pH and polymer concentration on the critical points in the interaction of C₁₂E₈ with poly(acrylic acid)*, Revue Roumaine de Chimie, 50 (7-8), 2005, 570-578.
2. **M. Balcan**, **D.F. Anghel**, *The partition of ethoxylated non-ionic surfactants between two nonmiscible phases*, Colloid and Polymer Science, 283, 2005, 982-986.
3. **G. Stinga**, **D.M. Mihai**, **A. Iovescu**, **A. Băran**, **D.F. Anghel**, *Effect of organic solvents upon the basic hydrolysis of acetylsalicylic acid in aqueous-micellar solutions*, Revue Roumaine de Chimie, 50 (9-10), 2005, 767-775.
4. **S. Peretz**, *Alginate-metal ion interaction: influence of cationic surfactants*, Revue Roumaine de Chimie, 50 (1), 2005, 79-84.
5. **S. Peretz**, M. Olteanu, C. Radulescu, *Effect of some alcohols and methylene blue on the water/oil microemulsions*, Revue Roumaine de Chimie, 50(9), 2005, 799-804.

Lucrari publicate in reviste non-ISI

1. F.A. Jerca, V.V. Jerca, M.C. Spiridon, D.M. Vuluga, D.S. Vasilescu, **G. Stîngă**, **D.F. Anghel**, *Polymer architectures containing azobenzene type molecules in side-chains. Solvatochromic behavior*, Materiale Plastice, 48, 2011, 273-278.
2. **M.E. Maxim**, **G. Stîngă**, **D.F. Anghel**, **A. Băran**, **A. Iovescu**, **C.F. Mihăilescu**, *Le transfert non-radiatif d'énergie (TNRE) dans les films minces multicouches assemblés avec des polymères greffés avec des chromophores*, Xème Colloque Franco-Roumain sur les Polymères, Polymères&Matériaux Avancés: Développement Durable et Performances, Douai, 2011, 21-24.
3. **S. Peretz**, **D.F. Anghel**, C. Stoian, G. Zgherea, *Removal of cyanide from wastewater by ion exchange*, Annals of "Dunarea de Jos" University of Galati. Mathematics, Physics, Theoretical Mechanics, Fascicle II, YearIII (XXXIV), Special Issue, Ed. Galati University Press, 2011, pp. 148-153, ISSN 2067-2071, B+(CNCSIS).
4. C. Stoian, G. Zgherea, **S. Peretz**, *Comparative study on the stability of colloidal liquid/liquid systems preformed with edible oils*, Annals of "Dunarea de Jos" University of Galati. Mathematics, Physics, Theoretical Mechanics, Fascicle II, YearIII (XXXIV), Special Issue, Ed. Galati University Press, 2011, pp. 171-179, ISSN 2067-2071, B+(CNCSIS).
5. M. Grecu, V. Năstasă, M. Mareș, R. Moraru, L.D. Hrițcu, **C. Ilie**, *Assessment of the anti-inflammatory action of the carprofen-beta cyclodextrins complex on experimental inflammation model in rats*, Lucrări Științifice (Iași), 53 (12) 2010, 435-425.

6. M. Grecu, M. Mareş, V. Năstasă, R. Moraru, **C. Ilie**, *Comparative assessment of the anti-inflammatory effect of ketoprofen and ketoprofen – beta cyclodextrins complex on two experimental inflammation models in rats*, Journal Fungi & Mycotoxins, 5, 2010, 1093-1098.
7. G. Zgherea, C. Stoian, **S. Peretz**, *Mixtures with gradient of mobile phases utilized in hplc separations of 2,4-dinitrophenylhydrazones provided by inferior carbonyl compounds*, Journal Food and Environment Safety of the Suceava University Food Engineering, Year IX, 2, 2010, pp. 18-22, ISSN 2068-6609.
8. M. Grecu, V. Nastasa, R. Moraru, M. Mares, D.L. Hritcu, X. Patras, **C. Ilie**, P. Cura, *Pharmacoclinical considerations on the efficacy and tolerability of piroxicam - β cyclodextrin complex in nonspecific inflammatory disorder on dogs*, Revista Lucrari Stiintifice de Medicina Veterinara, 52(11), 547-553, 2009, ISSN 1454-7406
9. **G. Stinga, A. Iovescu, A. Baran, M.E. Maxim, C. Ilie, D.F. Anghel**, *A spectroscopic study of methylene blue solubilization in reverse micellar system*, Journal of Colloids and Surface Chemistry, 2009.
10. **C. Ilie, D.F. Anghel, M. Balcan, A. Iovescu, A. Baran, G. Stinga**, *Interaction of nonionic triblock copolymeric (Poloxamer) surfactant with cross-linked poly (acrylic acid)*, Journal of Colloids and Surface Chemistry, 2009.
11. **S. Peretz, D.F. Anghel**, M. Olteanu, C. Stoian, G. Zgherea, *Influence of alcohols and a cationic dye on the behaviour of water/oil microemulsions*, Journal of Colloid and Surface Chemistry, 9(1), 2009, 15-26, ISSN 1841-897X.
12. C. Stoian, **S. Peretz**, G. Zgherea, *Factors influencing the obtaining and the stability of double emulsions made with corn oil*, Annals of the University Dunarea de Jos of Galati. Fascicle VI – Food Technology, New Series YearIII (XXXIII), vol.II, Editura Galati University Press, 2009, 57-61, ISSN 1842-6506.
13. **S. Peretz, D.F. Anghel**, M. Florea Spiroiu, C. Stoian, G. Zgherea, *Effect of surfactants on synthesis and properties of biopolymer microparticles*, Proceeding of the 2nd International Conference on Polymers Processing in Engineering - PPE 2009, Galati, Romania, 2009, 189-196, ISSN 2066-9984.
14. C. Stoian, **S. Peretz**, G. Zgherea, *Determining the mechanism of destruction of double emulsions with polymers*, Proceeding of the 2nd International Conference on Polymers Processing in Engineering - PPE 2009, Galati (Romania), 2009, 181-188, ISSN 2066-9984.
15. C. Stoian, G. Zgherea, M. Olteanu, **S. Peretz**, *Study of the diluted polydispersed double emulsions stability*, Buletinul Universitatii Petrol-Gaze Ploiesti, vol. LX, no. 4B/2008, 245-249, ISSN: 1224-8495.
16. **S. Peretz**, M. Olteanu, C. Stoian, G. Zgherea, E. Teodor, **D.F. Anghel**, *Behavior of semiconductor nanoparticles in polymer matrices*, Journal of Colloid and Surface Chemistry, 8(2), 2008, 13-22, ISSN 1841-897X.
17. G. Paun-Roman, V. Moreanu, E. Neagu, **M. Maxim, G. Stinga**, G.L. Radu, *Organic solvent, surfactant and cosurfactant effect in the reverse micelles obtaining process*, Proceedings Romanian International Conference on Chemistry and Chemical Engineering (RICCCE) XV, Sinaia, September 19-22, 2007, p. 3-9.
18. **S. Peretz**, M. Olteanu, C. Radulescu, *The behavior of water/oil microemulsions in the presence of alcohols*, Proceedings of the 8th Symposium of Colloid and Surface Chemistry, Galati, Romania, 2005, 140-141.

Cărți, capitole de cărți:

1. **S. Peretz, D.F. Anghel, E.L. Simion**, M. Ruse, C. Stoian, M. Elisa, I. Feraru, *Preparation of Fe_3O_4 magnetic nano and micro-particles coated with polymers*, in M. Zaharescu, H. Chiriac, D. Dascălu (Eds.) *Nanomaterials, Nanoparticles, Nanodevices*, Editura Academiei Române, București 2016, pp. 9-31. ISBN: 978-973-27-2643-3.
2. **S. Peretz, D.F. Anghel**, M. Florea-Spiroiu, C. Stoian, G. Zgherea, *Synthesis, size control and stability of CdS nanoparticles in water/oil microemulsions containing polymers*, in *Nanostructuring and Nanocharacterization*, series Micro- and Nanoengineering, Eds. M. Zaharescu, M. Ciurea, I. Kleps, D. Dascalu, vol 16, Editura Academiei Romane, Bucuresti, 2010, pp.174-191 - ISBN 978-973-27-1905-3.
3. **S. Peretz**, C. Stoian and Gh. Zgherea, *Synthesis of quantum dots in microheterogeneous media in presence of polymers*, in International Conference of Applied Sciences. Chemistry and Chemical Engineering CISA 2010, Editura Alma Mater, Bacau, 2010, pp. 247-254, ISSN 2066-7817.
4. C. Stoian, **S. Peretz**, G. Zgherea, *Facteurs influençant la dispersion des emulsions doubles directe*, in International Conference of Applied Sciences. Chemistry and Chemical Engineering CISA 2010, Editura Alma Mater, Bacau, 2010, pp. 285-292, ISSN 2066-7817.
5. G. Zgherea, C. Stoian, **S. Peretz**, *A spectrophotometric method to obtain the kinetic parameters values of thiosulfuric acid decomposition*, in International Conference of Applied Sciences. Chemistry and Chemical Engineering CISA 2010, Editura Alma Mater, Bacau, 2010, pp. 199-211, ISSN 2066-7817.
6. **S. Peretz, D.F. Anghel**, E. Teodor, M. Elisa, B. Savu, *Investigation on semiconductor nanoparticles prepared in polymeric matrices*, in *New applications of micro- and nanotechnologies* series Micro- and nanoengineering, Eds. M. Zaharescu, L. Giurgiu, D. Dascalu, vol 14 – Editura Academiei Romane, Bucuresti, 2009, p. 111-129, ISBN 978-973-27-1803-2.
7. C. Stoian, **S. Peretz**, G. Zgherea, M. Olteanu, *Utilisation de l'analyse disperse pour obtenir emulsions doubles concentrees simplement monodisperses*, in International Conference of Applied Sciences. Chemistry and Engineering Chemistry CISA 2009, Editura Alma Mater, Bacau 2009, p. 190-197, ISSN 2066-7817.
8. G. Paun, V. Moroeanu, E. Neagu, **A. Baran, A. Iovescu, G. Stinga, D.F. Anghel**, G.L. Radu, G. Nechifor, *Nanoreactoare enzimatice micelare*, in *Tehnici experimentale in bioanaliza*, Ed. G.L. Radu, Printech, Bucuresti, vol. 7, 2008, p. 116-177, ISBN 978-606-521-078-3.
9. **S. Peretz**, M. Elisa, B. Sava, G. Zgherea, C. Stoian, *Synthesis of CdS nanocrystals coated with some polymers*, in *Chimia coloizilor si suprafetelor*, al IX-lea Simpozion de Chimia Coloizilor si Suprafetelor, 29-30 mai, Galati, Romania, Editura Galati University Press, Galati, 2008, p. 46-49, ISSN 2065-3603.
10. G. Zgherea, C. Stoian, M. Olteanu, **S. Peretz**, *Étude des émulsions doubles réalisées avec de l'huile de sésame*, in International Conference of Applied Sciences. Chemistry and Engineering Chemistry CISA 2008, Editura Alma Mater, Bacau 2008, p. 76-82, ISBN 978-973-1833-86-6.
11. **S. Peretz**, *Synthesis of alginate microparticles and their use in wastewater cleaning*, in *Progress in nanoscience and nanotechnologies*, Eds. I. Kleps, A.C. Ion, D. Dascalu, Editura Academiei Romane, Bucuresti, 2007, p. 239-250, ISBN 978-973-27-1576-5.
12. **D.F. Anghel**, *Interactions in fluorescently labeled polyelectrolyte and surfactant systems*, in *Focus on Ionic Polymers*, Ed. E.S. Dragan, Research Signpost, Kerala, India, 2005, p. 203-222, ISBN 81- 7736-285-2.