**Anexa B 2.1.4.**

Sprijinul comisiei de indrumare pentru studenții doctoranzi care și-au susținut teza în perioada 2016-2020 în SDCASM, domeniul **Științe Inginerești/Inginerie Chimică**: publicații ale doctoranzilor impreună cu cel puțin un membru al comisiei de îndrumare

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No.** | **Nume conducător** | **Nume doctorand** | **An susținere publică a tezei** | **Componență comisie de indrumare** | **Articol cu membrii comisiei de îndrumare** |
| **1** | **ANDRONESCU Ecaterina** | **Cristina PELIN (BAN)** | 2016 | Anton FICAI Georgeta VOICU | C-E Pelin, A. Stefan, I. Dinca, **A. Ficai,** G. Pelin, E. Andronescu, D. Constantinescu, G. Voicu, “Polyamide 6/ carbon fiber laminated composites”, Journal of Optoelectronics and Advanced Materials, 17(5-6), 2015, 750-756. |
| **2** | **ANDRONESCU Ecaterina** | **Alin Marius GIONEA** | 2016 | Stefania STOLERIU Georgeta VOICU | Gionea, A., Andronescu, E. , Surdu, V.A.,**Voicu, G.**, Pelin, G., Influence of sintering conditions on dental zirconia ceramics, Revista de chimie, 2016, 67 (8). |
| **3** | **ANDRONESCU Ecaterina** | **George PELIN** | 2017 | Anton FICAI Georgeta VOICU Mihai GRUMEZESCU | George Pelin, Ecaterina Andronescu, Cristina-Elisabeta Pelin, Ovidiu Oprea, **Anton Ficai**, „Compozite de tip ablativ pe bază de matrice din răşină fenolică/nanocarbură de siliciu şi ranforsare din pâslă carbonică”, Revista Romana de Materiale, 2016, 46 (4), 444-452, http://solacolu.chim.upb.ro/p444-452.pdf. |
| **4** | **ANDRONESCU Ecaterina** | **Maria COLIE (STANCA)** | 2018 | Anton FICAI Dan MIHAIESCU Dragos GUDOVAN | M. Colie, **D. Mihaiescu**, A. Surdu, A. Ficai, D. Istrati, E. Andronescu, Synthesis of YBa2CusOz-a by a modified autocombustion method, Rev. Romana de  Materiale, 46 (3), 369-374, 2016, http://solacolu.chim.upb.ro/p369-374.pdf. |
| **5** | **ANDRONESCU Ecaterina** | **Angela SPOIALĂ** | 2018 | Anton FICAI Carmen LIMBAN Carmen CHIFIRIUC | Angela Spoiala, Mădălina Georgiana Albu, **Anton Ficai**, Ecateriana Andronescu, Georgeta Voicu, Camelia Ungureanu, The SiO2/ZnO composite materials for cosmetic creams; Digest Journal of Nanomaterials and Biostructures, 9(4), 2014, 1729-1737. |
| **6** | **ANDRONESCU Ecaterina** | **Ruxandra-Elena GEANALIU** | 2018 | Georgeta VOICU Stefania STOLERIU Anton FICAI | **Voicu, G**., Geanaliu-Nicolae, R.-E., Pîrvan, A.-A., Andronescu, E., Iordache, F. , Synthesis, characterization and bioevaluation of drug-collagen hybrid materials for biomedical aplilications, International Journal of Pharmaceutics, 2016, 510(2), 474-484, DOI: 10.1016/j.ijpharm.2015.11.054. |
| **7** | **ANDRONESCU Ecaterina** | **Elena STANCIU (DUMITRESCU)** | 2018 | nu e cazul |  |
| **8** | **ANDRONESCU Ecaterina** | **Valentina GRUMEZESCU** | 2018 | Anton FICAI Georgeta VOICU Dan Eduard MIHAIESCU | Grumezescu A.M., Ghitulica C.D., **Voicu G.**, Huang K.S., Yang C.H., **Ficai A.**, Vasile B.S., Grumezescu V., Bleotu C., Chifiriuc C.M. New silica nanostructure for the improved delivery of topical antibiotics used in the treatment of staphylococcal cutaneous infections. International Journal of Pharmaceutics, 463, 170–176, 2014, DOI:10.1016/j.ijpharm.2013.07.016. |
| **9** | **ANDRONESCU Ecaterina** | **Vasile-Adrian SURDU** | 2019 | Adelina-Carmen IANCULESCU Marin CERNEA  Bogdan Ștefan VASILE | 1. BiFeO3-synthesis, characterization and its photocatalytic activity towards doxorubicin degradation from water, Raluca Dumitru, **Adelina Ianculescu**, Cornelia Păcurariu, Lavinia Lupa, Aniela Popa, **Bogdan Vasile**, Adrian Surdu, Florica Manea  2. Bi1−xEuxFeO3 Powders: Synthesis, Characterization, Magnetic and Photoluminescence Properties, Vasile-Adrian Surdu, Roxana Doina Truscă, **Bogdan Stefan Vasile**, Ovidiu Cristian Oprea, Eugenia Tanasă, Lucian Diamandescu, Ecaterina Andronescu, **Adelina Carmen Ianculescu** |
| **10** | **ANDRONESCU Ecaterina** | **Oana Cristina DUȚĂ** | 2020 | Carmen LIMBAN  Anton FICAI  Denisa FICAI | O. C. Duta, A. M. Titu, A. Marin**, A. Ficai, D. Ficai**, E. Andronescu, Surface Modification of Poly(Vinylchloride) for Manufacturing Advanced Catheters, Current Medicinal Chemistry, 2020, 27(10) ; DOI: 10.2174/0929867327666200227152150.  N. Beshchasna, M. Saqib, H. Kraskiewicz, Ł. Wasyluk, O. Kuzmin, O. C. Duta, **D. Ficai**, Z. Ghizdavet, A. Marin, **A. Ficai,** Z. Sun, V. F. Pichugin, J. Opitz, E. Andronescu, Recent Advances in Manufacturing Innovative Stents, Pharmaceutics, 2020,12, 349; doi:10.3390/pharmaceutics12040349. |
| **11** | **ANDRONESCU Ecaterina** | **Ionela Andreea NEACȘU** | 2019 | Anton FICAI  Ovidiu OPREA  Bogdan Ștefan VASILE | 1.I. A. Neacsu, L. V. Arsenie, R. Trusca, I. L. Ardelean, N. Mihailescu, I. N. Mihailescu, C. Ristoscu, C. Bleotu, **A. Ficai,** and E. Andronescu, "Biomimetic Collagen/Zn(2+)-Substituted Calcium Phosphate Composite Coatings on Titanium Substrates as Prospective Bioactive Layer for Implants: A Comparative Study Spin Coating vs. MAPLE", Nanomaterials, vol. 9, no. 5, 2019, doi: 10.3390/nano9050692, ISSN: 2079-4991, WOS:000526090400170.  2.I. A. Neacsu, A. E. Stoica, **B. S. Vasile**, E. Andronescu, Luminescent Hydroxyapatite Doped with Rare Earth Elements for Biomedical Applications, Nanomaterials, 2019, 9, 239, doi: 10.3390/nano9020239, ISSN: 2079-4991, WOS:000460806700108.  3.I. A. Neacsu, A. E. Melente, A. M. Holban, **A. Ficai**, L. M. Ditu, C. M. Kamerzan, B. M. Tihăuan, A. I. Nicoara, M. C. Chifiriuc, G. Pircalabioru, Novel hydrogels based on collagen and ZnO nanoparticles with antibacterial activity for improved wound dressings, Romanian Biotechnological Letters, vol. 24, no. 2, pp. 317-323, 2019, doi: 10.26327/RB. |
| **12** | **ANDRONESCU Ecaterina** | **Vladimir Lucian ENE** | 2020 | Anton FICAI  Bogdan Ștefan VASILE  Victor LECA | 1.Ene, V.L., Dinescu, D., Zai, I., Djourelov, N., **Vasile, B.S**., Serban, A.B., **Leca, V.,** Andronescu, E., Defect structure determination of GaN films in GaN/AlN/Si heterostructures by HR-TEM, XRD and slow positrons experiments. Nanomaterials 10, nr. 2 (2020): 197. eISSN: 2079-4991; doi: 10.3390/nano10020197; WOS:000522456300016;  2.Ene, V.L., Dinescu, D., Zai, I., Djourelov, N., **Vasile, B.S**., Serban, A.B., **Leca, V.,** Andronescu, E. Study of Edge and Screw Dislocation Density in GaN/Al2O3 Heterostructure. Materials (Basel). 2019;12(24):4205. eISSN: 1996-1944; doi:10.3390/ma12244205; WOS:000507308200183;  3.Șerban, A.B., Ene, V.L.\*, Gheorghiu, C.C., Balabanski, D., Andronescu, E., **Leca, V.,** RF magnetron sputtering of gallium nitride (GaN) on sapphire substrate. UPB Sci Bull Ser B Chem Mater Sci. 2019;81(3):11-18. ISSN: 1454-2331; WOS:000487215400002. |
| **13** | **ANDRONESCU Ecaterina** | **Eugenia Vasile (cas. Tanasa)** | 2019 | Anton FICAI  Georgeta VOICU  Otilia-Ruxandra VASILE |  |
| **14** | **ANDRONESCU Ecaterina** | **Roxana Cristina POPESCU** | 2020 | Denisa FICAI Alexandru Mihai GRUMEZESCU  Bogdan VASILE | [1] Roxana Cristina Popescu, Diana Savu, Ioan Dorobantu, **Bogdan Stefan Vasile**, Hiltraud Hosser, Adina Boldeiu, Mihaela Temelie, Mihai Straticiuc, Decebal Iancu, Ecaterina Andronescu, Federik Wenz, Frank Giordano, Carsten Herskind, Marlon R. Veldwijk, Efficient uptake and retention of iron oxide-based nanoparticles in HeLa cells leads to an effective intracellular delivery of doxorubicin, Scientific Reports, 2020, 10(1): 10530, DOI:10.1038/s41598-020-67207-y. Open access.  [2] Roxana Cristina Popescu, Mihai Straticiuc, Cosmin Mustaciosu, Mihaela Temelie, Roxana Trusca, **Bogdan Stefan Vasile**, Adina Boldeiu, Dragos Mirea, Radu Florin Andrei, Constantin Cenusa, Laurentiu Mogoanta, George Dan Mogosanu, Ecaterina Andronescu, Mihai Radu, Marlon R Veldwijk, Diana Iulia Savu, Enhanced Internalization of Nanoparticles following Ionizing Radiation Leads to Mitotic Catastrophe in MG-63 Human Osteosarcoma Cells, International Journal of Molecular Sciences, 2020, 21(19), 7220, DOI:10.3390/10.3390/ijms21197220. Open access. |
| **15** | **ANDRONESCU Ecaterina** | **Andreia ILIE (CUCURUZ)** | 2019 | NA |  |
| **16** | **BARCA Frumuzache** | **Gabriela ANTON (cas. ANDREI)** | 2017 |  |  |
| **17** | **BĂDĂNOIU Alina Ioana** | **Taha Abood AL SAADI** | 2016 | Ecaterina ANDRONESCU  Georgeta VOICU  Stefania STOLERIU | Badanoiu, A.I., Al Saadi, T.H.A., **Stoleriu, S., Voicu, G.,** Preparation and characterization of foamed geopolymers from waste glass and red mud, Construction and Building Materials, 84, 284-293, 2015, WOS:000354001600032, DOI:10.1016/j.conbuildmat.2015.03.004. |
| **18** | **BĂDĂNOIU Alina Ioana** | **Ionuț Adrian NICOARĂ** | 2018 | Georgeta VOICU  Stefania STOLERIU Sorin JINGA | Nicoara, A.I., Badanoiu, A., Balanoiu, M., Mathias, A., Voicu, G., Alkali activated mortars with intumescent properties, Revista de Chimie, 2019, 70(2), 431-437. |
| **19** | **BERGER Daniela Cristina** | **Marilena GEORGESCU (PETRESCU)** | 2018 | Cristian MATEI Raul Augustin MITRAN George MARTON | D. Berger, S. Nastase, **R.-A. Mitran**, M. Petrescu, E. Vasile, **C. Matei**, T. Negreanu-Pirjol, Mesostructured silica and aluminosilicate carriers for oxytetracycline delivery systems, Int. J. Pharm., 510 (2016) 524-531, DOI:10.1016/j.ijpharm.2016.02.009. |
| **20** | **BERGER Daniela Cristina** | **Doina GEORGESCU** | 2018 | Cristian MATEI Raul Augustin MITRAN George MARTON | D. Berger, D. Georgescu, L. Bajenaru, A. Zanfir, N. Stănică, **C. Matei**, Properties of mesostructured silica coated CoFe2O4 versus Fe3O4-silica composites, J. Alloys Comp. 708 (2017) 278–284, DOI: 10.1016/j.jallcom.2017.02.268. |
| **21** | **BERGER Daniela Cristina** | **Mihaela DEACONU** | 2020 | Cristian MATEI Dan Eduard MIHĂESCU Bogdan MANOLESCU | M. Deaconu, A.-M. Brezoiu, R.-A. Mitran, I. Nicu, **B. Manolescu, C. Matei**, D. Berger, Exploiting the zwitterionic properties of lomefloxacin to tailor its delivery from functionalized MCM-41 silica, Microporous and Mesoporous Materials 305, 2020, 110323. doi: 10.1016/j.micromeso.2020.110323. |
| **22** | **BÎLDEA Costin Sorin** | **Ion Petru DRAGNEA** | 2018 | Grigore BOZGA Ionut BANU Daniel DINCULESCU |  |
| **23** | **BÎLDEA Costin Sorin** | **Mihai Daniel MORARU** | 2019 | Grigore BOZGA Marta STROESCU Luminița GÎJIU |  |
| **24** | **BÎLDEA Costin Sorin** | **Cătălin PĂTRUȚ** | 2019 | Grigore BOZGA Tiberiu DANCIU Daniel DINCULESCU |  |
| **25** | **BÎLDEA Costin Sorin** | **Draga DRAGNEA** | 2020 | Dan Eduard MIHĂIESCU  Anca Mădălina DUMITRESCU Cristiana Luminița GÎJIU |  |
| **26** | **BOZGA Grigore** | **Ioana STOICA** | 2017 | Sorin BILDEA Gheorghe BUMBAC  Ionut BANU | **I. Banu**, I. Stoica, G. Bumbac, G. Bozga, Modeling of the Unsteady State Methanol Synthesis at the Level of Catalyst Pellet, Revista de Chimie, 68( 6),2017, 1153-1158, https://www.researchgate.net/profile/Ionut\_Banu/publication/318275946\_Modeling\_of\_the\_Unsteady\_State\_Methanol\_Synthesis\_at\_the\_Level\_of\_Catalyst\_Pellet/links/5989c0f3aca27266adadffa9/Modeling-of-the-Unsteady-State-Methanol-Synthesis-at-the-Level-of-Catalyst-Pellet.pdf. |
| **27** | **BOZGA Grigore** | **Cristina Emanuela ADAM (ENASCUTA)** | 2017 | Valentin PLESU Vasile LAVRIC Petrica IANCU | Stepan E., Enăşcuţă C., Oprescu E-E., Radu E., Radu A., Galan A-M., Vasilievici G., **Lavric V**., Velea S., 2016. Intermediates for synthetic paraffinic kerosene from microalgae, Fuel, 172, 29-36, https://doi.org/10.1016/j.fuel.2016.01.027. |
| **28** | **BOZGA Grigore PUAUX Jean-Pierre** | **Alexandru Alin ENACHE** | 2018 | Raluca ISOPESCU Gheorghe BUMBAC Ionut BANU | A.A. Enache, L.David, J.P. Puaux, **I.Banu**, G.Bozga, Kinetics of Chitosan Coagulation from Aqueous Solutions, Journal of Applied Polymer Science, 135(16), 2018, DOI:10.1002/app.46062. |
| **29** | **CĂLINESCU Ioan** | **Anca RACOŢI** | 2017 | Edina RUSEN Adina GAVRILA Cristina POP | A. Racoti, **E. Rusen**, A. Diacon, A. Dinescu, M. Buleandra, I. Calinescu, Ginger essential oil encapsulation in PMMA microcapsules – Part I. Materiale Plastice, 2016, 53(3), 357-360, WOS:000384870300003, https://www.researchgate.net/profile/Edina\_Rusen/publication/309264054\_Ginger\_Essential\_Oil\_Encapsulation\_in\_PMMA\_Microcapsules\_I/links/584a511208ae82313e711013.pdf. |
| **30** | **CĂLINESCU Ioan** | **Ana Maria POPESCU (GALAN)** | 2017 | Emil STEPAN Adina GAVRILA Cristina POP | **Emil Stepan**, C.-E. Enascuta, E.-E. Oprescu, E. Radu, A. Radu, Ana-Maria Galan, G. Vasilievici , V. Lavric, S. Velea, Intermediates for synthetic paraffinic kerosene from microalgae, Fuel 172 (2016) 29-36, DOI:10.1016/j.fuel.2016.01.027. |
| **31** | **CĂLINESCU Ioan** | **Ioana ASOFIEI** | 2018 | Adina GAVRILA Petre CHIPURICI Adrian TRIFAN | Ioan Calinescu, Vasile Lavric, Ioana Asofiei, **Adina Ionuta Gavrila, Adrian Trifan**, Daniel Ighigeanu, Diana Martin, Constantin Matei, Microwave assisted extraction of polyphenols using a coaxial antenna and a cooling system, Chemical Engineering and Processing, 2017, 122, 373-379, DOI: 10.1016/j.cep.2017.02.003, WOS:000418211800036. |
| **32** | **CĂLINESCU Ioan** | **Ioan Tudor SIBIANU** | 2018 | Daniela BERGER Cristian MATEI Petre CHIPURICI | Sibianu, T.I., Dimitrakis, G., Katrib, J., **Berger, Daniela; Matei, Cristian** (...), Calinescu, I., Irvine, D.J., Utilization of Dielectric Properties Assessment to Evaluate the Catalytic Activity and Rate of Deactivation of Heterogeneous Catalysts, Industrial and Engineering Chemistry Research 2017, 56(8), 1940-1947, WOS:000395493600006, DOI: 10.1021/acs.iecr.6b04341. |
| **33** | **DOBRE Tănase** | **Ali A Abbas AL JANABI** | 2017 | Marta STROESCU Anicuta STOICA-GUZUN Cristiana Luminita GIJIU | Dobre, T., Pârvulescu, O.C., **Stoica-Guzun, A., Stroescu, M**., Jipa, I., Al Janabi, A.A.A., Heat and Mass Transfer in Fixed Bed Drying of Non-Deformable Porous Particles, Int. J. Heat Mass Transfer, 103, 478-485, 2016, ISSN:0017-9310, WOS:000384777800045 (FI=3,891), DOI:10.1016/j.ijheatmasstransfer.2016.07.079. |
| **34** | **DOBRE Tănase** | **Roxana Doinita CIOROIU** | 2018 | Marta STROESCU Anicuta STOICA-GUZUN  Claudia Irina KONGSAG | Cioroiu, D.R., Pârvulescu, O.C., **Koncsag, C.I**., Dobre, T., Răducanu, C., Rheological Characterization of Algal Suspensions for Bioethanol Processing, Rev. Chim. (Bucharest), 68 (10), 2311-2316, 2017, ISSN:0034-7752, WOS:000416750000020. |
| **35** | **DOBRE Tănase** | **Laura Ruxandra VOICHlŢĂ (ZICMAN)** | 2018 | Marta STROESCU  Oana Cristina PARVULESCU  Elena NEACSU | Dobre, T., Zicman, L.R**., Pârvulescu, O.C., Neacșu, E.,** Ciobanu, C., Drăgolici, F.N., Species Removal from Aqueous Radioactive Waste by Deep-Bed Filtration, Environ. Pollut., 2018, 241, 303-310 (IF=4.358), WOS: 000440390800032,  DOI: 10.1016/j.envpol.2018.05.065. |
| **36** | **DOBRE Tănase**  **DJELVEH Gholamreza** | **Bogdan TRICĂ** | 2019 | Oana PÂRVULESCU Anicuța STOICA Alexandra MOCANU | Trică, B., **Pârvulescu, O.C.,** Răducanu, C.E., Dobre, T. (2020) Thin layer convective drying of Cystoseira barbata brown macroalga. U.P.B. Sci. Bull. Series B, 82 (2), 3–14, ISSN:1454-2331. |
| **37** | **DOBRE Tănase** | **Alina CIUFU** | 2019 | Oana PÂRVULESCU Timur CHIȘ Adina GAVRILĂ | Ciufu, A.G., Răducanu, C.E., **Pârvulescu, O.C**., Cioroiu, D.R., Dobre, T. (2019) Natural wool for removal of oil spills from water surface. Rev. Chim. (Bucharest), 70 (11), 3977-3980, ISSN:0034-7752. |
| **38** | **HUBCA Gheorghe** | **Ana Mihaela FLOREA** | 2016 | Adina GAVRILA Petre CHIPURICI Adrian TRIFAN |  |
| **39** | **HUBCA Gheorghe** | **Mirela LAZAR** | 2016 | Sorina GAREA  Paul STANESCU  Cătălin ZAHARIA |  |
| **40** | **HUBCA Gheorghe** | **Anca Gabriela PARCIULEA** | 2017 | Sorina GAREA  Paul STANESCU  Cătălin ZAHARIA |  |
| **41** | **IANCULESCU Adelina Carmen** | **Georgeta VELCIU** | 2017 | Gheorghe NECHIFOR Sorin JINGA Alina MELINESCU | Georgeta Velciu, Adelina Ianculescu, **Alina Melinescu**, Virgil Marinescu, Maria Preda, Study of the reactions at formation of La1-xSrxCoO3-δ (x=0,1-0,3) prepared by mechanical activation, Revista de Chimie, 2017, 68(9), 2043-2047. |
| **42** | **IOVU Horia** | **Alexandru-Cosmin OBREJA** | 2017 | Sorina GAREA Paul STANESCU Izabela STANCU |  |
| **43** | **IOVU Horia** | **Mihaela OANCEA (BEREGOI)** | 2018 | Sorina GAREA Paul STANESCU Catalin ZAHARIA |  |
| **44** | **IOVU Horia** | **Jana GHITMAN** | 2018 | Sorina GAREA Paul STANESCU Raluca STAN | Ghitman, J., **Stan, R**., Ghebaur, A., Cecoltan, S., Vasile, E., Iovu, H. (2018). Novel PEG-Modified Hybrid PLGA-Vegetable Oils Nanostructured Carriers for Improving Performances of Indomethacin Delivery. Polymers, 10(6), 579, DOI:10.3390/polym10060579. |
| **45** | **IOVU Horia** | **Claudiu ȘENDREA** | 2019 | Sorina GAREA Paul STANESCU Catalin ZAHARIA |  |
| **46** | **IOVU Horia** | **Elena Iuliana BIRU** | 2020 | Izabela STANCU Celina DAMIAN Catalin ZAHARIA |  |
| **47** | **IOVU Horia** | **Ionuț Cristian RADU** | 2020 | Izabela STANCU Paul STANESCU Catalin ZAHARIA |  |
| **48** | **IOVU Horia** | **Oana GAZA** | 2020 | Sorina GAREA Paul STANESCU Catalin ZAHARIA |  |
| **49** | **JINESCU Gheorghița** | **Ion Viorel PATROESCU** | 2017 | Alexandru WOINAROSCHY Paul VASILESCU Marta STROESCU |  |
| **50** | **JINESCU Gheorghița** | **OLGA VALERICA ŢAGA (SĂPUNARU)** | 2019 | Claudia Irina Muntean (KONCSAG) Oana PÂRVULESCU Alexandru WOINAROSCHY | TAGA (SAPUNARU), Olga Valerica, **KONCSAG, Claudia Irina**, JINESCU Cosmin, MARES, Alina Monica, Simulation and optimization of isopropyl lactate manufacturing process, Rev. Chim. (Bucharest), 70(9):3335-3337, 2019. DOI: 10.37358/RC.19.9.7544. |
| **51** | **JINESCU Gheorghița** | **ANA-MARIA SIVRIU** | 2020 | Claudia Irina Muntean (KONCSAG) Oana PÂRVULESCU Alexandru WOINAROSCHY | Sivriu, Ana-Maria Tîrpan Cioroiu, Doinita Roxana, **Koncsag, Claudia Irina**, Mareș, Alina Monica, Jinescu, Cosmin, Analytical semi empirical model (ASEM) for the prediction of products yields at the fast pyrolysis of waste palm oil, Rev. Chim. (Bucharest), 70 (6), 2019, p.1992-1995, DOI: 10.37358/RC.19.6.7261. |
| **52** | **LAVRIC Vasile** | **Mirela Claudia POPESCU (MIHON)** | 2017 | Alina Catrinel ION Dana NICULAE Cristian POSTOLACHE | Mihon, M., Tuta, C. S., **Ion, A. C.,** Koziorowski, J. **Niculae, D**., Lavric, V., Draganescu, D., 2017, Influence of the separation parameters applied in chemical impurities determination, Farmacia, 65(1), 153-158 (ISSN: 0014-8237; WOS:000394478400024; IF=1.348), http://www.revistafarmacia.ro/201701/art-24-Mihon\_Draganescu\_153-158.pdf. |
| **53** | **LAVRIC Vasile** | **Ancuța MUȘINĂ** | 2019 | Ileana RĂU Sorin Costin BÎLDEA  Luminiţa GÎJIU |  |
| **54** | **MARIA Gheorghe** | **HASSAN HADI SALMAN KHWAYYIR** | 2017 | Sorin BILDEA Gheorghe JUNCU  Daniel DINCULESCU | H. H. Khwayyir , G. Maria, **D. Dinculescu**, Fireball coupled with a toxic puff release accident condition influence on consequences and possible domino effect occurrence for two risky neighbouring chemical plants, Environmental Engineering and Management Journal, 2015, 14(11), 2555-2565, IF=1.334, ISSN=1843-3707. |
| **55** | **MARIA Gheorghe** | **Mara CRIȘAN** | **2019** | Misu MOSCOVICI  Anicuta STOICA  Luminita GÎJIU |  |
| **56** | **MARIA Gheorghe** | **Constantin MUSCALU** | **2019** | LAVRIC Vasile  DINCULESCU Daniel  JUNCU Gheorghe |  |
| **57** | **NECHIFOR Gheorghe** | **Constantin Paul Cuoresian ALBU** | 2016 | nu este cazul (admis inainte de 2012) |  |
| **58** | **NECHIFOR Gheorghe** | **Abbas Abdul Kadhim Klaif RIKABI** | 2016 | Eugenia EFTIMIE-TOTU Aurelia Cristina NECHIFOR Ioan Stefan VOICU | Abbas Abdul Kadhim Klaif Rikabi, **Aurelia Cristina Nechifor**, Thamer J Mohammed, Ovidiu Oprea, Alexandra Raluca Miron, Mircea Segarceanu, Danut Ionel Vaireanu, Nano Composite Membrane on Polysulphone Matrix, REVISTA DE CHIMIE 67 (8), 2016, 1489-1497. |
| **59** | **NECHIFOR Gheorghe** | **Lucian Alexandru CONSTANTIN** | 2016 | Eugenia EFTIMIE-TOTU Aurelia Cristina NECHIFOR Elena RUSE | L Constantin, I Nitoi, I Cristea, P Oancea, C Orbeci, **AC Nechifor**, Degradation of triclosan by TiO2–UV irradiation in aqueous solutions, Revista de Chimie (Bucuresti), 2015, 66 (5), 507-600. |
| **60** | **NECHIFOR Gheorghe** | **Iulia HARABOR** | 2016 | nu este cazul (admis inainte de 2012) |  |
| **61** | **NECHIFOR Gheorghe** | **Hashim KAMAR FIRAS** | 2016 | Eugenia EFTIMIE-TOTU Aurelia Cristina NECHIFOR Ioan Stefan VOICU | Kamar, Firas Hashim**, Nechifor, AC**, Alwan, GM, Craciun, ME, Nechifor, G, Comparative Removal of Lead, Copper and Cadmium Ions from Wastewater in Single and Ternary Batch Biosorption Systems onto Dry Walnut Shells, REVISTA DE CHIMIE, 66(8), 1083-1087, 2015. |
| **62** | **NECHIFOR Gheorghe** | **Dumitra Daniela SLAVE (CLEJ)** | 2017 | Eugenia EFTIMIE-TOTU Aurelia Cristina NECHIFOR Elena RUSE | DD Slave, LN Gales, **EE Totu**, HNA Al-Ani, VI Panait, **AC Nechifor**, Applicability of Ferromagnetic Nanoparticles in Surface Water Treatment with Biological Loads,  REVISTA DE CHIMIE 67(6), 1034-1038, 2016. |
| **63** | **NECHIFOR Gheorghe** | **Cristina Monica MIREA** | 2017 | Eugenia EFTIMIE-TOTU Aurelia Cristina NECHIFOR Elena RUSE | CM Mirea, I Diaconu, EA Serban**, E Ruse**, G Nechifor, The Transport of Iron (III) Through Bulk Liquid Membrane Using Aliquat 336 As Carrier, REVISTA DE CHIMIE 67(5), 838-841, 2016. |
| **64** | **NECHIFOR Gheorghe** | **Marius Gheorghe MIRICIOIU** | 2017 | Eugenia EFTIMIE-TOTU Aurelia Cristina NECHIFOR Elena RUSE |  |
| **65** | **NECHIFOR Gheorghe** | **George Alexandru POPA** | 2017 | Eugenia EFTIMIE-TOTU Aurelia Cristina NECHIFOR Elena RUSE | C. M. MIREA, I.DIACONU, **E. RUSE**, E.A. SERBAN,  D. D. CLEJ, George Alexandru POPA, D. F. ENACHE (POPA)  G. NECHIFOR„The removal of heavy metals using the bulk liquid  membrane technique” - Progress of Cryogenics & Isotopes Separation, 19(1), 2016, 45-54, http://dspace.incdecoind.ro/bitstream/123456789/1151/1/5\_Cristina%20MIREA\_Buc%20ICSI%202016.pdf. |
| **66** | **NECHIFOR Gheorghe** | **Marieta GHIMPUSAN** | 2017 | Eugenia EFTIMIE-TOTU Aurelia Cristina NECHIFOR Elena RUSE | M Ghimpusan, G Nechifor, **AC Nechifor**, SO Dima, P Passeri, Case studies on the physical-chemical parameters' variation during three different purification approaches destined to treat wastewaters from food industry,  Journal of environmental management 203, 811-816, 2017, DOI:10.1016/j.jenvman.2016.07.030. |
| **67** | **NECHIFOR Gheorghe** | **Hussam Nadum ABDALRAHEEM AL-ANI** | 2017 | Eugenia EFTIMIE-TOTU Aurelia Cristina NECHIFOR Ioan Stefan VOICU | M. Nafliu, Hussam Nadum Abdalraheem Al Ani, A. R.Grosu (Miron), S. K.Tanczos, I. Maior, **A. C. Nechifor**, Iono-molecular separation with composite membranes. VII. Nitrophenols pertraction on capilary polypropylene s-epdm composite membranes, MATERIALE PLASTICE 55 (4), 511-516, 2018. |
| **68** | **NECHIFOR Gheorghe** | **Daniela Florentina ENACHE (POPA)** | 2018 | Eugenia EFTIMIE-TOTU Aurelia Cristina NECHIFOR Elena RUSE | Daniela F Enache, Eugenia Vasile, Claudia M Simonescu, Anca Răzvan, Alina Nicolescu, **Aurelia-Cristina Nechifor**, Ovidiu Oprea, Rodica-Elena Pătescu, Cristian Onose, Florina Dumitru, Cysteine-functionalized silica-coated magnetite nanoparticles as potential nanoadsorbents, Journal of Solid State Chemistry 253, 318-328, DOI:10.1016/j.jssc.2017.06.013. |
| **69** | **NECHIFOR Gheorghe** | **Ioana Lavinia ARDELEAN** | 2018 | Eugenia EFTIMIE TOTU Aurelia Cristina NECHIFOR Mihaela Emanuela CRACIUN |  |
| **70** | **NECHIFOR Gheorghe** | **Ion Marius NĂFLIU** | 2019 | Eugenia EFTIMIE TOTU Aurelia Cristina NECHIFOR Mihaela Emanuela CRACIUN |  |
| **71** | **NECHIFOR Gheorghe** | **Ion Spiridon DIN** | 2019 | Eugenia EFTIMIE TOTU Aurelia Cristina NECHIFOR Mihaela Emanuela CRACIUN |  |
| **72** | **NECHIFOR Gheorghe** | **Ecaterina Anca ȘERBAN** | 2019 | Eugenia EFTIMIE TOTU Aurelia Cristina NECHIFOR Elena RUSE | Ecaterina Anca ŞERBAN, Ioana DIACONU, **Elena RUSE**, **Eugenia EFTIMIE TOTU**, Gheorghe NECHIFOR - „Studies on the transport of indole-3-acetic acid through bulk liquid membranes” - Revue Roumaine de Chimie, 2017, vol. 62, no. 6-7, 505-509. |
| **73** | **NECHIFOR Gheorghe** | **Mihai ȘTEFĂNESCU** | 2020 | Claudia Maria SIMONESCU Aurelia Cristina NECHIFOR Mihaela Emanuela CRACIUN |  |
| **74** | **NECHIFOR Gheorghe** | **Nicolae Ionut CRISTEA** | 2020 | Claudia Maria SIMONESCU Aurelia Cristina NECHIFOR Mihaela Emanuela CRACIUN |  |
| **75** | **NECHIFOR Gheorghe** | **Roxana Elena GRIGORAȘ (SCUTARIU)** | 2020 | Claudia Maria SIMONESCU Eugenia EFTIMIE TOTU Aurelia Cristina NECHIFOR |  |
| **76** | **NECHIFOR Gheorghe** | **Teodor Laurențiu BUSUIOC** | 2020 | Eugenia EFTIMIE TOTU Aurelia Cristina NECHIFOR Mihaela Emanuela CRACIUN |  |
| **77** | **NECHIFOR Gheorghe** | **Stefania SIMIONESCU (BEJAN)** | 2020 | Claudia Maria SIMONESCU Aurelia Cristina NECHIFOR Mihaela Emanuela CRACIUN |  |
| **78** | **RĂU Ileana** | **Andreea Cosmina LAZAR** | 2017 | Aurelia MEGHEA  Maria MIHALY  Mihaela MINDROIU | C. A. Lazăr, F. Kajzar, **M. Mihaly**, A. E. Rogozea, A. R. Petcu, N. L. Olteanu, I. Rau, Novel Materials Based on DNA-CTMA and Lanthanide (Ce3+, Pr3+), Biopolymers, 105(9), 2016, 613-617, DOI: 10.1002/bip.22861. |
| **79** | **RĂU Ileana** | **Manuela Rossemary VASILE (APETROAEI)** | 2018 | Nicoleta BADEA  Graţiela TIHAN  Verginica SCHRODER | M.R. Apetroaei, R.G. Zgârian, A.M. Manea, I. Rau, **G.T. Tihan**, **V. Schroder**. „New source of Chitosan from Black Sea marine organisms identification”, Molecular Crystals and Liquid Crystals, 2016, 628, 102-109, DOI: 10.1080/15421406.2015.1137681. |
| **80** | **RĂU Ileana** | **Filip IACOB** | 2018 | Aurelia MEGHEA Graţiela TIHAN  Roxana ZGARIAN | Filip Iacob, **Graţiela Teodora Tihan, Roxana Gabriela Zgârian,** Marinela Pauliuc, Ileana Rău & Cristian Pîrvu, “Preliminary studies concerning some natural extracts influence on dentin”, Molecular Crystals and Liquid Crystals, 2016, 628, 110-114 (IF 0,571), DOI: 10.1080/15421406.2015.1137682. |
| **81** | **RĂU Ileana** | **Carla Cezarina PĂDUREȚU** | 2019 | Aurelia MEGHEA  Simona POPESCU  George BUICĂ |  |
| **82** | **STAN Liane Raluca** | **Alina MOROȘAN** | 2020 | Daniela ISTRATI Dan MIHĂIESCU Bogdan MANOLESCU | Moroşan, A., **Mihaiescu, D.E., Istrati,** D., Voicu, G., Radu, M., Hanganu, A., Stan, R., Functionalized silica shell magnetic nanoparticles for nanophase peptide synthesis applications, Microporous and Mesoporous Materials, 2019, 286, 45- 56. |
| **83** | **STĂNESCU**  **Michaela**  **Dina** | **Florin ALBOTĂ** | 2019 | Florin DUMITRAȘCU Raluca STAN Anca HÎRTOPEANU | 1. Albota, F.; Draghici, C.; Caira, M. R.; **Dumitrascu, F**.,1,3-Dipolar cycloaddition between acetylenic dipolarophiles and sydnone-N-ylides as bis(1,3-dipoles), Tetrahedron 2015, 71, 9095–9100.  2. Albota, F.; Caira, M. R.; Draghici, C.; **Dumitrascu, F.;** Dumitrescu, D. Beilstein J., Sydnone C-4 heteroarylation with an indolizine ring via Chichibabin indolizine synthesis, Org. Chem., 2016, 12, 2503–2510. |
| **84** | **STĂNESCU**  **Michaela**  **Dina** | **Mihaela TOCIU** | 2019 | Raluca STAN George MARTON Cristina TODAȘCĂ | Mihela Tociu, **Maria Cristina Todașcă**, Aurelia Bratu, Mihaela Mihalache, Fulvia Manolache, Fast approach for fatty acid profiling of dairy products fats using 1H-NMR spectroscopy, International Dairy Journal, 2018, 83, 52-57. |
| **85** | **STOICA Ligia** | **Elena Gabriela BACIOIU** | 2018 | Carolina CONSTANTIN Anca RAZVAN Gabriela OPROIU Ioana LACATUSU | Bacioiu, I.-G., Stoica, L**., Constantin, C**., Stanescu, A.-M. , Removal of Tartrazine from Aqueous Solution by Adsorption on Activated Red Mud, Water, Air, and Soil Pollution, 2017, 228(8), DOI:10.1007/s11270-017-3469-3. |
| **86** | **STOICA Ligia** | **Ioana Carmen HOȘTUC (POPESCU)** | 2019 | Carolina CONSTANTIN Anca RĂZVAN Ioana LĂCĂTUȘU | Popescu (Hostuc) I.C., Stoica L., **Constantin C**.\*, Nicolae C., Observation on the chemical composition of mine water in Banat District, UPB Scientific Bulletin, Series B: Chemistry and Materials Science, Ed. Politehnica Press, 2015, 77, 2, 107-122. |
| **87** | **TEODORESCU Mircea** | **Gabriela NITA (TOADER)** | 2018 | Catalin ZAHARIA Paul STANESCU Traian ROTARIU | G. Toader, E. Rusen, M. Teodorescu, A. Diacon, **P.O. Stănescu**, **T. Rotariu**, A. Rotariu - Novel polyurea polymers with enhanced mechanical properties, Journal of Applied Polymer Science, 133 (38), 2016, p.43967, DOI: 10.1002/app.43967. |
| **88** | **TEODORESCU Mircea** | **Maria Mihaela ANDREI** | 2020 | Paul STĂNESCU  Catalin ZAHARIA  Celina DAMIAN | M. Andrei, **P. O. Stǎnescu**, C. Drǎghici, M. Teodorescu, Degradable thermosensitive injectable hydrogels with two-phase composite structure from aqueous solutions of poly(N-isopropylacrylamide-co-5,6-benzo-2-methylene -1,3-dioxepane) - poly(ethylene glycol) triblock copolymers and biopolymers, Colloid & Polymer Science 295(10), 1805-1816 (2017). |
| **89** | **UNGUREANU Mihaela Eleonora** | **Cristina Andreea AMARANDEI** | 2016 | Teodor VISAN Elena DIACU Cristian PÎRVU |  |
| **90** | **UNGUREANU Mihaela Eleonora** | **Maria Daniela POP** | 2017 | Teodor VISAN Elena DIACU Nicoleta BADEA |  |
| **91** | **UNGUREANU Mihaela Eleonora** | **Marian Laurentiu TATU** | 2017 | Teodor VISAN Ioana DEMETRESCU George Octavian BUICA |  |
| **92** | **UNGUREANU Mihaela Eleonora** | **Georgiana Anca INEL (CÎRNEANU)** | 2017 | Olga IULIAN Teodor VISAN Aurelia MEGHEA |  |
| **93** | **UNGUREANU Mihaela Eleonora** | **Georgiana Luiza ARNOLD** | 2017 | Teodor VISAN Elena DIACU Olga IULIAN | G.-L. Arnold, M.R. Bujduveanu, M. Cristea, **E. Diacu**, E.-M. Ungureanu, L. Birzan, Chemically modified electrodes based on  polyazulene for heavy metals detection, 19th  (RICCCE19), Sibiu, Romania 2-5 September 2015, S3-149-OP. |
| **94** | **UNGUREANU Mihaela Eleonora** | **Florian HARJA** | 2017 | Teodor VIȘAN Elena DIACU Michaela Dina STĂNESCU | Hârjǎ, F., **Stǎnescu, M.D**., Eder, R., Korntheurer, K., Schmuckenschlager, M. Influence of selected microorganisms compared to naturally occurring microorganisms on biogenic amines content of young wines from Minis vineyard, PB Scientific Bulletin, Series B: Chemistry and Materials Science, , 2011, 73(1), 115-122. |
| **95** | **UNGUREANU Mihaela Eleonora** | **Ioana Adina OANCEA** | 2018 | Teodor VIȘAN Elena DIACU Olga IULIAN |  |
| **96** | **UNGUREANU Mihaela Eleonora** | **Cristina LUCA (DINU)** | 2018 | Raluca ISOPESCU Elena DIACU Cristian PÎRVU |  |
| **97** | **VĂIREANU Dănuț Ionel** | **Ioana-Alina CIOBOTARU** | 2018 | Anca COJOCARU  Ioana MAIOR  Simona CAPRARESCU | Ioana-Alina Ciobotaru, **Ioana Maior**, Dănuţ-Ionel Văireanu, **Anca Cojocaru, Simona Căprărescu**, Irina-Elena Ciobotaru, The determination of the optimum hydrolysis time for silane films deposition, Applied Surface Science, nr. 371, 2016, p. 275-280, DOI: 10.1016/j.apsusc.2016.02.221. |
| **98** | **VĂIREANU Dănuț Ionel** | **Mircea SEGARCEANU** | 2018 | Doru NECHIFOR Aurelia Cristina NECHIFOR Stefan VOICU | Abbas Abdul Kadhim Klaif Rikabi**, Aurelia Cristina Nechifor**, Thamer J. Mohammed, Ovidiu Oprea, Alexandra Raluca Miron, Mircea Segarceanu, Danut-Ionel Vaireanu, Nano composite membrane on polysulfone matrix, Revista de Chimie, 2016, 67(8), 1489-1497. |
| **99** | **VĂIREANU Dănuț Ionel** | **Traian RUS** | 2019 | Anca COJOCARU  Ioana MAIOR  Ioana Alina CIOBOTARU | **Ioana-Alina Ciobotaru** , Florin Mihai Benga, Oana Claudia Barbu, George Costin Lazar, Claudiu Campureanu, Traian Rus, Dănuţ Ionel Văireanu, Conductivity Cell Constant Revisited, Bulletin of Romanian Chemical Engineering Society, vol. 3 (1), 2016, 34-46. |
| **100** | **VĂIREANU Dănuț Ionel** | **Oana-Claudia CIOBOTEA (BARBU)** | 2019 | Anca COJOCARU Ioana MAIOR Ioana Alina CIOBOTARU | **Ioana Alina Ciobotaru**, Dănuț-Ionel Văireanu, Irina-Elena Ciobotaru, Oana Claudia Ciobotea-Barbu, The influenece of the curing temperature on the properties of some silane films, Revista de Chimie, vol. 68, no. 7, 2017, 1413-1418, ISSN: 0034-7752. |
| **101** | **WOINAROSCHY Alexandru Eligiu** | **Florentina DAMSA** | 2017 | Raluca ISOPESCU Marta STROESCU Mihaela MIHAI |  |
| **102** | **WOINAROSCHY Alexandru Eligiu** | **Cristina-Andreea SINGUREANU (TUDOR)** | 2019 | Cosmin JINESCU Petrica IANCU Oana PÂRVULESCU |  |
| **103** | **WOINAROSCHY Alexandru Eligiu** | **Alice IORDACHE (IONIȚĂ)** | 2020 | Raluca ISOPESCU Petrica IANCU Oana PÂRVULESCU |  |
| **67 (65,05%) din cei 103 de doctoranzi au avut cel puțin o contribuție cu cel puțin un membru al comisiei de îndrumare** | | | | | |