

Anexa 3

Un articol publicat într-o revistă cotată de Web of Science (Thomson Reuters) din strainatate

Nr. Crt.	Articol
1.	Crisan L., Iliescu S., Ilia G., Funar-Timofei S. Quantitative Structure-Property Relationship Modelling of Phosphoric Polyester Char Formation <i>Fire and Materials</i>, 2018 , sub tipar, https://doi.org/10.1002/fam.2673
2.	Maximov P.Y., Abderrahman B., Curpan R.F., Hawsawi Y.M., Fan P., Jordan V.C. A unifying biology of sex steroid-induced apoptosis in prostate and breast cancers. <i>Endocrine-Related Cancer</i>, 25, R83-R113, 2018.
3.	Maximov P.Y., Abderrahman B., Fannig S.W., Sengupta S., Fan P., Curpan R.F., Quintana Rincon D.M., Greenland J.A., Rajan S.S., Greene G.L., Jordan V.C. Endoxifen, 4-hydroxytamoxifen and an estrogenic derivative modulate estrogen receptor complex mediated apoptosis in breast cancer. <i>Mol. Pharmacol.</i> 94(2), 812-822, 2018.
4.	Palsuledesai C.C., Surviladze Z., Waller A., Miscioscia T.F., Guo Y., Wu Y., Strouse J., Romero E., Salas V.M., Curpan R., Young S., Carter M., Foutz T., Galochkina Z., Ames H., Haynes M.K., Edwards B.S., Nicolotti O., Luo L., Ursu O., Bologa C.G., Oprea T.I., Wandinger-Ness A., Sklar L.A. Activation of Rho family GTPases by small molecules <i>ACS Chem. Biol.</i>, 13(6), 1514-1524, 2018.
5.	Păcureanu L., Avram S., Bora A., Kurunczi L., Crisan L. Portraying the selectivity of GSK-3 inhibitors towards CDK-2 by 3D similarity and docking <i>Structural Chemistry</i>, DOI: 10.1007/s11224-018-1224-z, 2018
6.	Avram S., Bora A., Halip L., Curpan R. Modeling Kinase Inhibition Using Highly Confident Data Sets. <i>J. Chem. Inf. Model.</i>, 58(5), 957-967, 2018
7.	Avram S., Curpan R., Bora A., Neanu C., Halip L. Enhancing Molecular Promiscuity Evaluation Through Assay Profiles. <i>Pharm. Res.</i>, 35(11), 240, 2018
8.	Mioc M., Avram S., Bercean V., Kurunczi L., Ghiulai R.M., Oprean C., Coricovac D.E., Dehelean C., Mioc A., Balan-Porcarasu M., Tatu C., Soica C. Design, Synthesis and Biological Activity Evaluation of S-Substituted 1H-5-Mercapto-1,2,4-Triazole Derivatives as Antiproliferative Agents in Colorectal Cancer. <i>Front. Chem.</i>, 6, 373, 2018
9.	Ilia G., Macarie L., Plesu N., Iliescu S., Popa A. Solvent-free synthesis of tris(4-hydroxybutyl acrylate)phosphate in the presence of 1-methylimidazole <i>J. Iran. Chem. Soc.</i>, 15(1), 17-21, 2018
10.	Popa S., Boran S., Simulescu V. Collagen films obtained from collagen solutions characterized by rheology <i>Materiale plastice</i>, 54(2), 359-361, 2017 (neraportat în 2017)
11.	Crisan M., Vlase G., Szerb E. I., Vlase T. Thermal and kinetics studies of primary, secondary and tertiary alkanolammonium salts of 4-nitrobenzoic acid <i>J. Therm. Analysis Calorim.</i>, 132(2), 1409-1418, 2018

12.	<p>Crisan M., Vlase G., Plesu N., Petric M., Croitor L., Kravtsov V., Chumakov Y., Bouros P., Vlase T.</p> <p>Ethylethanolammonium 4-nitrobenzoate: Synthesis, structural characterization, thermal analysis, non-isothermal kinetic investigations and corrosion inhibitor efficiency</p> <p><i>J. Therm. Analysis Calorim.</i>, 134(1), 343-352, 2018</p>
13.	<p>Macarie L., Simulescu V., Ilia G.</p> <p>Ultrasonic irradiation used in synthesis of aminophosphonates</p> <p><i>Monatshefte Chemie/Chemical Monthly</i>, 2018, DOI: 10.1007/s00706-018-2327-3</p>
14.	<p>Lupa L., Voda R., Popa A.</p> <p>Adsorption behavior of cesium and strontium onto chitosan impregnated with ionic liquid</p> <p><i>Sep. Sci. Technol.</i> 53(7), 1107-1115, 2018</p>
15.	<p>Macarie L., Plesu N., Iliescu S., Ilia G.</p> <p>Synthesis of organophosphorus compounds using ionic liquids</p> <p><i>Rev. Chem. Eng.</i> 34(5) 727-740, 2018</p>
16.	<p>Lupa L., Maranescu B., Visa A.</p> <p>Equilibrium and kinetic studies of chromium ions adsorption on Co (II)-based phosphonate metal organic frameworks</p> <p><i>Sep. Sci. Technol.</i>, 53, 1017-1026, 2018</p>
17.	<p>Maranescu B., Lupa L., Tara-Lunga Mihali M., Plesu N., Maranescu V., Visa A.</p> <p>The Corrosion Inhibitor Behavior of Iron in Saline Solution by the Action of Magnesium Carboxyphosphonate</p> <p><i>Pure. Appl. Chem.</i>, 2018, doi: 10.1515/pac-2018-0513</p>
18.	<p>Maranescu B., Popa A., Lupa L., Maranescu V., Visa A.</p> <p>Use of chitosan complex with aminophosphonic groups and cobalt for the removal of Sr^{2+} ions</p> <p><i>Sep. Sci. Technol.</i>, 53, 1058-1064, 2018</p>
19.	<p>Maranescu B., Lupa L., Visa A.</p> <p>Heavy Metal Removal From Waste Waters By Phosphonate Metal Organic Frameworks</p> <p><i>Pure. Appl. Chem.</i>, 90, 35-47, 2018</p>
20.	<p>Ianoş R., Păcurariu C., Muntean S.G., Muntean E., Nistor M.A., Nižňanský D.</p> <p>Synthesis and characterization of iron oxide/carbon nanocomposites, efficient adsorbents for colored wastewaters treatment</p> <p><i>J. Alloys. Compd.</i>, 741, 1235-1246, 2018</p>
21.	<p>Andelescu A., Nistor A.M., Muntean S.G., Rădulescu-Grad M.E.</p> <p>Adsorption studies on copper, cadmium and zinc ions removal from aqueous solution using magnetite/carbon nanocomposites</p> <p><i>Sep. Sci. Technol.</i>, 53(15), 2352–2364, 2018</p>
22.	<p>Muntean S.G., Nistor M.A., Muntean E., Todea A., Ianoş R., Păcurariu C.</p> <p>Removal of colored organic pollutants from wastewaters by magnetite/carbon nanocomposites: single and binary systems</p> <p><i>J. Chem.</i>, Article ID 6249821, 2018 https://doi.org/10.1155/2018/6249821</p>
23.	<p>Ricciardi L., Sancey L., Palermo G., Termine R., De Luca A., Szerb E. I., Aiello I., Ghedini M., Strangi G., La Deda M.</p> <p>Plasmon-mediated cancer phototherapy: the combined effect of thermal and</p>

	photodynamic processes Nanoscale 9, 19279–19289, 2017 .
24.	Andelescu A. A., Cretu C., Sasca V., Marinescu S., Cseh L., Costisor O., Szerb E. I. New heteroleptic Zn(II) and Cu(II) complexes with quercetine and N [^] N ligands Polyhedron 147, 120–125, 2018
25.	Crispini A., Cretu C., Aparaschivei D., Andelescu A. A., Sasca V., Badea V., Aiello I., Szerb E. I., Costisor O. Influence of the counterion on the geometry of Cu(I)/Cu(II) complexes with 1,10-phenanthroline Inorg. Chim. Acta 470, 342 – 351, 2018
26.	Cretu C., Andelescu A. A., Candrea A., Crispini A., Szerb E. I. I., La Deda M., Bisubstituted-Biquinoline Cu(I) complexes: synthesis, mesomorphism and photophysical studies in solution and condensed states, J. Mater. Chem. C 6, 10073-10082, 2018
27.	Szerb E. I., Nicotera I., Teltayev B., Vaiana R., Oliviero Rossi C. Highly stable surfactant-crumb rubber-modified bitumen: NMR and rheological investigation Road. Mater. Pavement. 19(5), 1192–1202, 2018
28.	Bută I., Cseh L., Crețu C., Aparaschivei D., Maxim C., Löennecke P., Hey-Hawkins E., Andruh M., Costișor O. Polynuclear copper(II) complexes with hexadentate Schiff base directed by the counter ion. Syntheses, crystal structures and magnetic properties Inorg. Chim. Acta 475, 133–141, 2018
29.	Fall W. S., Yen M.-H., Zeng X., Cseh L., Liu Y., Gehring G., Ungar G. <i>Molecular ejection transition in liquid crystal columns self-assembled from wedge- shaped minidendrons</i> Soft Matter , DOI:10.1039/C8SM01851K, 2018
30.	Abudalleh A., Dinev D., Zhivkova T., Georgieva M., Miloshev G., Pantcheva I., Miteva M., Marinescu G., Culita D., Patron L., Tudose R., Costisor O., Alexandrova R. Cobalt(II) complexes with various ligands express different cytotoxic activity FEBS Open Bio. 8, 322-323, 2018 .
31.	Putz A.M., Policicchio A., Stelitano S., Agostino R. G., Sfirloagă P., Ianăși C., Savii C. (2018) Tailoring mesoporous silica by functionalization for gases (H ₂ , CH ₄ , CO ₂) storage applications, Fuller. Nanotub. Car. N. , 1-10.
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33.	Svera P., Niznansky D., Stefanut M.N., Ursu D., Sfirloaga P., Dabici A., Taranu B.O., Putz A.M., Serban V.A. Studies on hydrothermal synthesis of Cd _x Zn _{1-x} S compounds, Processing and Application of Ceramics 12(3), 287–294, 2018 .
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35.	Popa A., Sasca V., Verdes O., A. Oszko Preparation and catalytic properties of cobalt salts of Keggin type heteropolyacids supported on mesoporous silica, Catal. Today , 306, 233–242, 2018

36.	Popa A., Sasca V., Verdes O., Suba M., Barvinschi P. Effect of the amine type on thermal stability of modified mesoporous silica used for CO ₂ adsorption, <i>J Therm. Anal. Calorim.</i> , 134, 269-279, 2018
37.	Niculescu M., Pascariu M.-C., Muntean C., Sasca V., Lupa, L., Milea M.-S., Birzescu M. Thermal and spectroscopic analysis of Co(II)–Fe(III) polyglyoxylate obtained through the reaction of ethylene glycol with metal nitrates <i>J Therm. Anal. Calorim.</i> , 131(1), 127-136, 2018
38.	Fagadar-Cosma E., Badea V., Fagadar-Cosma G., Palade A., Lascu A., Fringu I., Birdeanu M. Trace Oxygen Sensitive Material Based on Two Porphyrin Derivatives in a Heterodimeric Complex <i>Molecules</i> , (2017), doi:10.3390/molecules22101787
39.	Dudás Z., Fagadar-Cosma E., Len A., Románszki L., Almásy L., Vlad-Oros B., Dascălu D., Krajnc A., Kriechbaum M., Kuncser A. Improved Optical and Morphological Properties of Vinyl-Substituted Hybrid Silica Materials Incorporating a Zn-Metalloporphyrin <i>Materials</i> , (2018) doi:10.3390/ma11040565
40.	Lascu A., Birdeanu M., Taranu B., Fagadar-Cosma E. Hybrid Mn-Porphyrin-Nanogold Nanomaterial Applied for the Spectrophotometric Detection of β -Carotene <i>Journal of Chemistry</i> , (2018) https://doi.org/10.1155/2018/5323561/ .
41.	Vlascici D., Plesu N., Fagadar-Cosma G., Lascu A., Petric M., Crisan M., Belean A. Fagadar-Cosma E. Potentiometric Sensors for Iodide and Bromide Based on Pt(II)-Porphyrin <i>Sensors</i> (2018) https://doi.org/10.3390/s18072297
42.	Fagadar-Cosma E. Sensors based on biomimetic porphyrin derivatives & their hybrid combinations with photonic nanoparticles <i>Chem Sci J</i> 2017, 8:2(Suppl), http://dx.doi.org/10.4172/2150-3494-C1-008 , Conference series,

Anexa 4

Un articol publicat într-o revistă cotate de Web of Science (Thomson Reuters) din Romania

Nr. Crt.	Articol
1.	Borota A., Funar-Timofei S., Bora A., Curpan R. Homology model for Tribolium castaneum smoothened receptor as potential target for pesticides. Rev. Roum. Chim. , 63 (7-8), 759-764, 2018
2.	Curpan R., Avram S., Bora A., Halip L., Bologa C. Chemical reactivity in biological promiscuous compounds Rev. Roum. Chim. , 63(7-8), 749-757, 2018 .
3.	Bora A. , Avram S., Borota A., Curpan R., Halip L. Theoretical study of some 7, 8-dihydroxyflavone analogues as tropomyosin-related kinase B agonists Rev. Roum. Chim , 63(5-6), 527-533, 2018
4.	Bora A. , Avram S., Funar-Timofei S., Halip L. Computational electronic profile of the insecticide imidacloprid and analogs Rev. Roum. Chim , 63(9), 000-000, 2018 (acceptata spre publicare)
5.	Crisan L., Varga D., Pacureanu L. Pharmacophore modeling and docking study of pyrazolylaminoquinazoline derivatives as highly potent pan-fibroblast growth factor receptor inhibitors. Rev. Chim. (Bucharest) , 70(3), 2019
6.	Crisan L., Varga D., Avram S., Pacureanu L. Application of 2D and 3D similarity methods to GSK-3 benchmarking validation dataset including selective and nonselective inhibitors. Rev. Roum. de Chim. , 63(11), 2018
7.	Spirache M. A., Cretu C., Cseh L., Sasca V., Badea V., Tudose R., Deveseleanu-Corici L. N., Costisor O., Szerb E. I. Ionic salts of nicotinic acid as multifunctional materials Rev. Roum. Chim. 63(5-6), 521-525, 2018
8.	Buta I., Ardelean A., Cseh L., Badea V., Manea F., Gal E., Lönnecke P., Hey-Hawkins E., Costisor O. New mononuclear cobalt(III) and manganese(III) complexes containing a hexadentate Schiff base ligand Rev. Roum. Chim. 63(5-6), 513-517, 2018
9.	Deveseleanu-Corici L. N., Pana A. M., Shova S., Haidu D., Badea V., Apostu M., Buta I., Szerb E. I., Costisor O., Cseh L. Synthesis and investigation of 2-(hydroxybenzylidene)-4-methylcyclohexan-1-one Rev. Roum. Chim. , 63(7-8), 743-748, 2018
10.	Putz A.M., Plocek J., Bezdicta P., Savii C. Small-angle X-ray powder diffraction analyses, microstructure and morphology of some synthesized template silica samples related to the 2-methoxyethanol content Rev. Roum. Chim. , <i>accepted</i> , 2018 .
11.	Salageanu L., Lascu A., Birdeanu M., Fagadar-Cosma E. Plasmonic Material Based on Silver Colloid and Zn-Metalloporphyrin for Drug Detection of p-Aminosalicylic Acid Dig. J. Nanomat. Bios. , (2018), 13(3), 653-659
12.	Palade A., Lascu A., Fringu I., Salageanu L., Vlascici D., Birdeanu M., Fagadar-Cosma E. Comparative diclofenac detection for chronic toxicity levels using water soluble Zn-metalloporphyrin, gold nanoparticles and their hybrid Farmacina , (2018), 66(3), 468-476

