

Nr.	Facultate	Listă articolelor publicate in jurnale și reviste indexate in Quartila 1 de către personalul didactic și de cercetare cu afiliere Universitatea de Vest din Timișoara Anul 2018	Quartila
1	FCBG	Berei, E; Stefanescu, O; Muntean, C; Vlase, T; Taranu, BO; Dabici, A; Stefanescu, M: <i>A novel route for the preparation of CoCr2O4/SiO2 nanocomposite starting from Co(II)-Cr(III) carboxylate complex combinations</i> , Journal of Materials Science, Vol.53, Issue: 6, pp: 4159-4172, ISSN: 0022-2461, DOI: 10.1007/s10853-017-1834-7	Q2
2	FCBG	Circioban, D; Ledeti, A; Vlase, G; Coricovac, D; Moaca, A; Farcas, C; Vlase, T; Ledeti, I; Dehelean, C: <i>Guest-host interactions and complex formation for artemisinin with cyclodextrins: instrumental analysis and evaluation of biological activity</i> , Journal of Thermal Analysis and Calorimetry, Vol.134 Issue:2, pp: 1375-1384, ISSN:1388-6150,	Q2
3	FCBG	Circioban, D; Ledeti, A; Vlase, G; Moaca, A; Ledeti, I; Farcas, C; Vlase, T ; Dehelean, C: <i>Thermal degradation, kinetic analysis and evaluation of biological activity on human melanoma for artemisinin</i> , Journal of Thermal Analysis and Calorimetry, Vol.134, Issue:1, pp: 741-748, ISSN:1388-6150, DOI:10.1007/s10973-018-7497-z	Q2
4	FCBG	Circioban, D; Ledeti, I; Vlase, G; Ledeti, A; Axente, C; Vlase, T; Dehelean, C: <i>Kinetics of heterogeneous-induced degradation for artesunate and artemether</i> , Journal of Thermal Analysis and Calorimetry, Vol.134, Issue:1, pp: 749-756, ISSN:1388-6150, DOI:10.1007/s10973-018-7257-0	Q2
5	FCBG	Crisan, M; Vlase, G; Plesu, N; Petric, M; Croitor, L; Kravtsov, V; Chumakov, Y; Bourosh, P; Vlase, T: <i>Ethylethanolammonium 4-nitrobenzoate</i> , Journal of Thermal Analysis and Calorimetry, Vol.134, Issue:1, pp:343-352, ISSN:1388-6150, DOI:10.1007/s10973-018-7296-6	Q2
6	FCBG	Crisan, M; Vlase, G; Szerb, EI; Vlase, T: <i>Thermal and kinetics studies of primary, secondary and tertiary alkanolammonium salts of 4-nitrobenzoic acid</i> , Journal of Thermal Analysis and Calorimetry Vol.132, Issue:2, pp: 1409-1418, ISSN:1388-6150, DOI:10.1007/s10973-018-6975-7	Q2
7	FCBG	Grigorie, AC; Muntean, C; Vlase, G; Stefanescu, M: <i>Synthesis and characterization of ZnAl2O4 spinel from Zn(II) and Al(III) carboxylates</i> , Journal of Thermal Analysis and Calorimetry, Vol.131, Issue:1, pp: 183-189, ISSN:1388-6150, DOI:10.1007/s10973-017-6268-6	Q2
8	FCBG	Ianovici, Nicoleta, Matyasovszky, I et.al.: <i>Biogeographical drivers of ragweed pollen concentrations in Europe</i> , Theoretical and Applied Climatology, Vol.133, Issue:1-2, pp:277-295, ISSN:0177-798X, DOI:10.1007/s00704-017-2184-8	Q2
9	FCBG	Ledeti, A; Olariu, T; Caunii, A; Vlase, G; Circioban, D; Baul, B; Ledeti, I; Vlase, T; Murariu, M: <i>Evaluation of thermal stability and kinetic of degradation for levodopa in non-isothermal conditions</i> , Journal of Thermal Analysis and Calorimetry, Vol.131, Issue:2, pp:1881-1888, ISSN:1388-6150, DOI:10.1007/s10973-017-6671-z	Q2
10	FCBG	Ledeti, A; Vlase, G; Vlase, T; Circioban, D; Dehelean, C; Ledeti, I: <i>Kinetic study for solid-state degradation of mental disorder therapeutic agents Amitriptyline, desipramine and imipramine</i> , Journal of Thermal Analysis and Calorimetry, Vol.131, Issue:1, pp:155-165, ISSN:1388-6150, DOI:10.1007/s10973-016-6064-8	Q2

11	FCBG	Ledeti, A; Vlase, G; Vlase, T; Circioban, D; Dehelean, C; Ledeti, I ; Suta, LM: <i>Binary adduct formation of desipramine with dicarboxylic acids An instrumental study</i> , Journal of Thermal Analysis and Calorimetry, Vol.131, Issue:1, pp:167-173, ISSN:1388-6150, DOI:10.1007/s10973-016-5967-8	Q2
12	FCBG	Ledeti, I; Pusztai, AM; Murariu, M; Olariu, S; Ivan, C; Circioban, D; Vlase, G; Ledeti, A; Vlase, T; Matusz, P: <i>Comparative instrumental investigations of some bile acids</i> , Journal of Thermal Analysis and Calorimetry, Vol.134, Issue:2, pp: 1345-1350, ISSN:1388-6150, DOI:10.1007/s10973-018-7163-5	Q2
13	FCBG	Ledeti, I; Pusztai, AM; Muresan, CM; Circioban, D; Vlase, G; Axente, C; Suta, LM; Vlase, T; Matusz, P; Ledeti, A; Suciu, O; Buda, V; Murariu, M: <i>Study of kinetic characteristics of 6-ethyl chenodeoxycholic acid and deoxycholic acid decomposition in non-isothermal conditions</i> , Journal of Thermal Analysis and Calorimetry, Vol.134, Issue:1, pp: 757-764, ISSN:1388-6150,	Q2
14	FCBG	Ledeti, I; Pusztai, AM; Muresan, CM; Circioban, D; Vlase, G; Murariu, M; Suta, LM; Vlase, T; Ledeti, A; Suciu, O; Buda, V; Matusz, P: <i>Study of solid-state degradation of prochlorperazine and promethazine</i> , Journal of Thermal Analysis and Calorimetry, Vol.134, Issue:1, pp:731-740, ISSN:1388-6150, DOI:10.1007/s10973-018-7566-3	Q2
15	FCBG	Roman, M; Roman, DL; Ostafe, V; Ciorsac, A; Isvoran, A: <i>Computational Assessment of Pharmacokinetics and Biological Effects of Some Anabolic and Androgen Steroids</i> , Pharmaceutical Research, Vol.35, Issue:2, Article No:UNSP41, ISSN:0724-8741, DOI:10.1007/s11095-018-2353-1	Q2
16	FCBG	Varan, C; Cretan, R: <i>Place and the spatial politics of intergenerational remembrance of the Iron Gates displacements in Romania, 1966-1972</i> , AREA, Vol.50, Issue:4, pp:509-519, ISSN:0004-0894, DOI:10.1111/area.12387	Q2
17	FCBG	Vlascici, D; Plesu, N; Fagadar-Cosma, G ; Lascu, A; Petric, M; Crisan, M; Belean, A; Fagadar-Cosma, E: <i>Potentiometric Sensors for Iodide and Bromide Based on Pt(II)-Porphyrin</i> , Sensors, Vol.18 Issue:7, Article No:2297, ISSN:1424-8220, DOI:10.3390/s18072297	Q2
18	FCBG	Vlase G, Vlase T. et.al.: <i>Preformulation studies for nortriptyline Solid-state compatibility with pharmaceutical excipients</i> , Journal of Thermal Analysis and Calorimetry, Vol.131, Issue:1, pp:191-199, ISSN:1388-6150, DOI:10.1007/s10973-017-6269-5	Q2
19	FCBG	Vlase, G; Albu, P; Doca, SC; Mateescu, M; Vlase, T: <i>The kinetic study of the thermally induced degradation and an evaluation of the drug-excipient interactions performed for a new-generation bisphosphonate-risedronate</i> , Journal of Thermal Analysis and Calorimetry, Vol.134, Issue:1, pp: 721-730, ISSN:1388-6150, DOI:10.1007/s10973-018-7216-9	Q2
20	FCBG	Vlase, G; Budiul, M; Patrutescu, C; Albu, P; Vlase, T;: <i>An extensive compatibility study of mycophenolate mofetil with different excipients by spectroscopic and thermoanalytical investigation techniques</i> , Journal of Thermal Analysis and Calorimetry, Vol.131, Issue:1,pp:225-236, ISSN:1388-6150, DOI:10.1007/s10973-017-6192-9	Q2
21	FCBG	Vlase, G; Budiul, M; Vlase, T; Albu, P; Ledeti, A: <i>Thermally induced interactions between adamantan-2-one and some pharmaceutical excipients</i> , Journal of Thermal Analysis and Calorimetry, Vol.131, Issue: 1, pp: 201-213, ISSN: 1388-6150, DOI: 10.1007/s10973-017-6332-2	Q2

22	FCBG	Vlase, T; Albu, P; Ledeti, A; Circioban, D; Mateescu, M; Mosoiu, C; Vlase, G: <i>Thermal behavior of entacapone, a catechol-O-methyltransferase inhibitor used in Parkinson's disease</i> , Journal of Thermal Analysis and Calorimetry, Vol.134, Issue:1, pp:711-720, ISSN:1388-6150, DOI:10.1007/s10973-018-7097-y	Q2
23	FEAA	Bataran, F; Ponce, R; Preda, C: <i>Discrete-time theorems for global and pointwise dichotomies of cocycles over semiflows</i> , Monatshefte fur Mathematik, Vol. 186, Issue:4, pp: 579-607, ISSN: 0026-9255, DOI: 10.1007/s00605-018-1203-x	Q2
24	FEAA	Dima, B; Barna, F; Nachescu, ML: <i>Does rule of law support the capital market?</i> , Economic Research-Ekonomska Istrazivanja, Vol.31 Issue:1, pp:461-479, ISSN:1331-677X, DOI:10.1080/1331677X.2018.1432371	Q2
25	FEAA	Hategan, CD; Sirghi, N; Curea-Pitorac, RI; Hategan, VP: <i>Doing Well or Doing Good: The Relationship between Corporate Social Responsibility and Profit in Romanian Companies</i> , Sustainability, Vol.10, Issue:4, Article No:1041, ISSN:2071-1050, DOI:10.3390/su10041041	Q2
26	FEAA	Noja, GG: <i>Flexicurity models and productivity interference in CEE countries: a new approach based on cluster and spatial analysis</i> , Economic Research-Ekonomska Istrazivanja, Vol.31, Issue:1, pp: 1111-1136, ISSN:1331-677X, DOI:10.1080/1331677X.2018.1456356	Q2
27	FEAA	Noja, GG; Cristea, SM; Yuksel, A; Panzaru, C; Dracea, RM: <i>Migrants' Role in Enhancing the Economic Development of Host Countries: Empirical Evidence from Europe</i> , Sustainability, Vol.10, Issue:3, Article No:894, ISSN:2071-1050, DOI:10.3390/su10030894	Q2
28	FEAA	Preda, C; Onofrei, OR: <i>Discrete Schaffer spaces and exponential dichotomy for evolution families</i> , Monatshefte Fur Mathematik, Vol.185, Issue:3, pp:507-523, ISSN:0026-9255, DOI:10.1007/s00605-016-0991-0	Q2
29	FEAA	Su, CW; Yin, XC; Tao, R; Lobont, OR; Moldovan, NC: <i>Are there significant linkages between two series of housing prices, money supply and short-term international capital? - Evidence from China</i> , Digital Signal Processing, Vol.83, pp:148-156, ISSN:1051-2004, DOI:10.1016/j.dsp.2018.08.017	Q2
30	FEAA	Muntean, M: <i>Business Intelligence Issues for Sustainability Projects</i> , Sustainability, Vol.10, Issue:2, Article No:335, ISSN:2071-1050, DOI:10.3390/su10020335	Q2
31	FF	Ambrus, VE: <i>Transport coefficients in ultrarelativistic kinetic theory</i> , Physical Review C, Vol.97, Issue:2, Article No:024914, ISSN:2469-9985, DOI:10.1103/PhysRevC.97.024914	Q2
32	FF	Ambrus, VE; Blaga, R: <i>High-order quadrature-based lattice Boltzmann models for the flow of ultrarelativistic rarefied gases</i> , Physical Review C, Vol.98, Issue:3, Article No:035201, ISSN:2469-9985, DOI:10.1103/PhysRevC.98.035201	Q2

33	FF	Ambrus, VE; Kent, C; Winstanley, E: <i>Analysis of scalar and fermion quantum field theory on anti-de Sitter spacetime</i> , International Journal of Modern Physics D, Vol.27, Issue:11, Special Issue:SI, Article No:1843014, ISSN:0218-2718, DOI:10.1142/S0218271818430149	Q2
34	FF	Ambrus, VE; Sofonea, V: Half-range lattice Boltzmann models for the simulation of Couette flow using the Shakhov collision term, Physical Review E, Vol.98, Issue: 6, Article No.063311, ISSN: 2470-0045, DOI:10.1103/PhysRevE.98.063311	Q2
35	FF	Bica, I; Anitas, EM; Chirigiu, L; Daniela, C.; Chirigiu, LME: Hybrid magnetorheological suspension: effects of magnetic field on the relative dielectric permittivity and viscosity, Colloid and Polymer Science, Vol. 296, Issue: 8, pp:1373-1378, ISSN:0303-402X, DOI:10.1007/s00396-018-4356-1	Q2
36	FF	Gravila et.al.: <i>Measurement of the suppression and azimuthal anisotropy of muons from heavy-flavor decays in Pb plus Pb collisions at root s(NN)=2.76 TeV with the ATLAS detector</i> , Physical Review C Vol. 98, Issue: 4, Article No:044905, ISSN:2469-9985, DOI:10.1103/PhysRevC.98.044905	Q2
37	FF	Gravila et.al.: <i>Measurement of jet fragmentation in 5.02 TeV proton-lead and proton-proton collisions with the ATLAS detector</i> , Nuclear Physics A, Vol.978, pp:65-106, ISSN:0375-9474, DOI:10.1016/j.nuclphysa.2018.07.006	Q2
38	FF	Popa, A; Sasca, V.; Verdes, O; Suba, M.; Barvinschi, P: <i>Effect of the amine type on thermal stability of modified mesoporous silica used for CO2 adsorption</i> , Journal of Thermal Analysis and Calorimetry, Vol.134, Issue:1, pp:269-279, ISSN:1388-6150, DOI:10.1007/s10973-018-7457-7	Q2
39	FF	Robu, AC; Popescu, L; Seidler, DG; Zamfir, AD: <i>Chip-based high resolution tandem mass spectrometric determination of fibroblast growth factor chondroitin sulfate disaccharides noncovalent interaction</i> , Journal of Mass Spectrometry, Vol.53, Issue:7, pp:624-634, ISSN: 1076-5174, DOI:10.1002/jms.4193	Q2
40	FF	Sfirloaga, P; Poienar, M; Malaescu, I; Lungu, A; Vlazan, P: <i>Perovskite type lanthanum manganite: Morpho-structural analysis and electrical investigations</i> , Journal of Rare Earths, Vol.36, Issue:5, pp:499-504, ISSN:1002-0721, DOI: 10.1016/j.jre.2017.10.009	Q2
41	FF	Sofonea, V; Biciusca, T; Busuioc, S; Ambrus, VE; Gonnella, G; Lamura, A: <i>Corner-transport-upwind lattice Boltzmann model for bubble cavitation</i> , Physical Review E, Vol.97, Issue2, Article No:023309, ISSN:2470-0045, DOI:10.1103/PhysRevE.97.023309	Q2
42	FMI	Brandibur, O.; Kaslik, E: <i>Stability of two-component incommensurate fractional-order systems and applications to the investigation of a FitzHugh-Nagumo neuronal model</i> , Mathematical Methods in the Applied Sciences, Vol.41 Issue:17 Special Issue:SI, pp:7182-7194, ISSN:0170-4214, DOI:10.1002/mma.4768	Q2
43	FMI	Comanescu, D: <i>A note on stability of spacecrafts and underwater vehicles</i> , Mathematical Methods In The Applied Sciences, Vol.41, Issue:4, pp:1518-1526, ISSN:0170-4214, DOI:10.1002/mma.4682	Q2

44	FMI	Jebelean, P; Serban, C: <i>Fisher-Kolmogorov type Perturbations of the Relativistic Operator: Differential Vs. Difference</i> , Proceedings of The American Mathematical Society, Vol.146, Issue: 5, pp:2005-2014, ISSN:0002-9939, DOI:10.1090/proc/13978	Q2
45	FMI	Kaslik, E (Kaslik, Eva); Neamtu, M: <i>Stability and Hopf bifurcation analysis of a 4-dimensional hypothalamic-pituitary-adrenal axis model with distributed delays</i> , Mathematical Methods in the Applied Sciences, Vol.41 Issue: 17 Special Issue:SI, pp:7459-7471, ISSN:0170-4214, DOI:10.1002/mma.4941	Q2
46	FMI	Kaslik, E; Neamtu, M: <i>Stability and Hopf bifurcation analysis for the hypothalamic-pituitary-adrenal axis model with memory</i> , Mathematical Medicine and Biology-A Journal of The IMA, Vol.35, Issue:1, pp:49-78, ISSN:1477-8599, DOI:10.1093/imammb/dqw020	Q2
47	FMI	Onchis, D; Zappala, S: <i>Stability of Spline-Type Systems in the Abelian Case</i> , Symmetry-Basel, Vol.10, Issue:1, Article Number:7, ISSN:2073-8994, DOI: 10.3390/sym10010007	Q2
48	FSP	Bostan, CM; Maricutoiu, LP; Constantin, T: <i>Successful management of automatic dysfunctional thoughts in the context of negative emotions</i> , Anxiety Stress and Coping, Vol.31, Issue:6, pp:686-701, ISSN: 1061-5806, DOI:10.1080/10615806.2018.1518634	Q2
49	FSP	Fischmann, G; De Witte, H; Sulea, C; Iliescu, D: <i>Qualitative job insecurity and in-role performance: a bidirectional longitudinal relationship?</i> , European Journal of Work and Organizational Psychology, Vol.27, Issue:5, pp:603-615, ISSN:1359-432X, DOI:10.1080/1359432X.2018.1504769	Q2
50	FSP	Gherhes, V; Obrad, C: <i>Technical and Humanities Students' Perspectives on the Development and Sustainability of Artificial Intelligence (AI)</i> , Sustainability, Vol.10, Issue:9, Article Number:3066, ISSN:2071-1050, DOI:10.3390/su10093066	Q2
51	FSP	Macsinga, I et.al.: <i>Social representations of governance for change towards sustainability: perspectives of sustainability advocates</i> , Environmental Politics, Vol.27, Issue:4, pp:621-643, ISSN:0964-4016, DOI:10.1080/09644016.2018.1448559	Q2
52	FSP	Obrad, C; Gherhes, V: <i>A Human Resources Perspective on Responsible Corporate Behavior. Case Study: The Multinational Companies in Western Romania</i> , Sustainability, Vol.10, Issue:3 Article No:726, ISSN:2071-1050, DOI:10.3390/su10030726,	Q2
53	FSP	Sarbescu, P; Boncu, A: <i>The resilient, the restraint and the restless: Personality types based on the Alternative Five-Factor Model</i> , Personality and Individual Differences, Vol.134, pp:81-87, ISSN:0191-8869, DOI:10.1016/j.paid.2018.06.002	Q2
54	FSP	Stanojevic, P; Lajunen, T; Jovanovic, D; Sarbescu, P; Kostadinov, S: <i>The driver behaviour questionnaire in South-East Europe countries: Bulgaria, Romania and Serbia</i> , Transportation Research Part F-Traffic Psychology and Behaviour, Vol.53, pp:24-33, ISSN:1369-8478, DOI:10.1016/j.trf.2017.12.011	Q2