

Nr.	Facultate	Listă articolelor publicate in jurnale și reviste indexate in Quartila 2 de către personalul didactic și de cercetare cu afiliere Universitatea de Vest din Timișoara Anul 2017	Quartila
1	FCBG	Buda, V.; Andor, M.; Ledeti, A.; et al.: <i>Comparative Solid-State Stability of Perindopril Active Substance Vs. Pharmaceutical Formulation</i> , International Journal of Molecular Sciences, Vol.18, Issue:1, Article Number:164, ISSN: 1422-0067, DOI: 10.3390/ijms18010164	Q2
2	FCBG	Grigorie, A.C; Muntean, C; Vlase, T; et al.: <i>Zno-Sio2 Based Nanocomposites Prepared by A Modified Sol-Gel Method</i> , Materials Chemistry and Physics, vol. 186, pp.399-406, ISSN: 0254-0584, DOI: 10.1016/j.matchemphys.2016.11.011	Q2
3	FCBG	Kaatz, F.H.; Bultheel, A.; Ori, O.: <i>Kinetic Monte Carlo Approach to Schottky Defects in Noble Metal Nanoclusters</i> , Journal of Mathematical Chemistry, vol.55, Issue:1, pp.34-49, ISSN: 0259-9791, DOI: 10.1007/s10910-016-0667-y	Q2
4	FCBG	Lungu, C. N.; Diudea, M. V.; Putz, M.V.: <i>Ligand Shaping In Induced Fit Docking of Mray Inhibitors. Polynomial Discriminant And Laplacian Operator As Biological Activity Descriptors</i> , International Journal of Molecular Sciences, vol.18, Issue:7, Article Number:1377, ISSN: 1422-0067, DOI: 10.3390/ijms18071377	Q2
5	FCBG	Sikoparija, B.; Skjoth, C. A.; Celenk, S.; et al.: <i>Spatial and Temporal Variations in Airborne Ambrosia Pollen In Europe</i> , Aerobiologia, vol.33, Issue: 2, pp:181-189, ISSN: 0393-5965, DOI: 10.1007/s10453-016-9463-1	Q2
6	BG/FSPF	Cretan, R.; Vesalon, L.: <i>The Political Economy of Hydropower in the Communist Space: Iron Gates Revisited</i> , Tijdschrift Voor Economische en Sociale Geografie, vol.108, Issue:5 pp.688-701, ISSN: 0040-747X, DOI: 10.1111/tesg.12247	Q2
7	FEAA	Liu, T.Y.; Chang, H.L.; Su, C.W., Lobont R.: <i>Is There Inflation In China? Evidence By A Unit Root Approach</i> , International Review of Economics & Finance, vol.52, pp: 236-245, 1059-0560, DOI: 10.1016/j.iref.2017.01.011	Q2
8	FF	Balasoiu, M.; Lebedev, V. T.; Raikher, Yu. L.; et al.: <i>The Implicit Effect of Texturizing Field on The Elastic Properties of Magnetic Elastomers Revealed By SANS</i> , Journal of Magnetism and Magnetic Materials, vol. 431, pp.126-129, ISSN: 0304-8853, DOI: 10.1016/j.jmmm.2016.09.109	Q2
9	FF	Barvinschi, P.; Bunoiu, O.M.: <i>A Finite Element Method Model to Simulate the Thermal Response of Vascularized Tissue to Laser Irradiation</i> , Romanian Reports in Physics, vol. 69, Issue: 2, Article Number: 610, ISSN: 1221-1451, WOS:000402495900014	Q2
10	FF	Bica, I.; Anitas, E. M.; Chirigiu, L.: <i>Magnetic Field Intensity and Graphene Concentration Effects on Electrical and Rheological Properties of Mres-Based Membranes</i> , Smart Materials And Structures, vol.26, Issue: 10, Article Number: 105038, ISSN: 0964-1726, DOI: 10.1088/1361-665X/aa8884	Q2

11	FF	Chernyshev, V.A.; Petrov, V.P.; Nikiforov, A. E.; et al.: <i>Elastic Properties of Rare Earth Pyrochlores R₂Ti₂O₇ (R = Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu): Ab Initio Calculations</i> , Optical Materials, vol.72, pp. 565-570, ISSN: 0925-3467, DOI: 10.1016/j.optmat.2017.06.062	Q2
12	FF	Chilom, A.-N.: <i>Scalar Pair Production in an External Electric Dipole Field on De Sitter Universe</i> , Romanian Journal of Physics, vol. 62, Issue: 9-10, Article Number:120, ISSN: 1221-146X, WOS:000422822000001	Q2
13	FF	Crucean, C; Baloi, M-A: <i>Reply To "Comment On 'Fermion Production In A Magnetic Field in a De Sitter Universe'"</i> , Physical Review D, vol.95, Issue: 4, Article Number: 048502, ISSN: 2470-0010, DOI: 10.1103/PhysRevD.95.048502	Q2
14	FF	Fannin, P. C.; Vekas, L.; Marin, C. N.; et al.: <i>On The Determination of The Dynamic Properties of a Transformer Oil Based Ferrofluid in the Frequency Range 0.1-20 Ghz</i> , Journal of Magnetism and Magnetic Materials, vol.423, pp.61-65, ISSN: 0304-8853, DOI: 10.1016/j.jmmm.2016.09.084	Q2
15	FF	Fannin, P.C.; Marin, C. N.; Malaescu, I.; et al.: <i>Local Arrangement of Particles In Magnetic Fluids Due to the Measurement Alternating Field</i> , Journal of Magnetism and Magnetic Materials, vol. 438, pp.116-120, ISSN: 0304-8853, DOI: 10.1016/j.jmmm.2017.02.053	Q2
16	FF	Gravila et.al: <i>Heavy Ion Results from ATLAS</i> , Nuclear Physics A, vol.967, pp. 51-58, ISSN: 0375-9474	Q2
17	FF	Gravila et.al: <i>Measurements of photo-nuclear jet production in Pb plus Pb collisions with ATLAS</i> , Nuclear Physics A, vol. 967, pp.277-280, ISSN: 0375-9474	Q2
18	FF	Gravila et.al: <i>High-E-T isolated-photon plus jets production in pp collisions at root s=8 TeV with the ATLAS detector</i> , Nuclear Physics B, vol.918, pp.257-316 ISSN: 0550-3213, DOI: 10.1016/j.nuclphysb.2017.03.006	Q2
19	FF	Nicolaevici, N: <i>Bouncing Dirac Particles: Compatibility Between MIT Boundary Conditions and Thomas Precession</i> , European Physical Journal Plus, vol.132, Issue:1, Article Number:21, ISSN: 2190-5444, DOI: 10.1140/epjp/i2017-11297-y	Q2
20	FF	Nicolaevici, N; Farkas, A: <i>Comment On "Fermion Production in a Magnetic Field In a De Sitter Universe"</i> , Physical Review D, vol. 95, Issue: 4, Article Number: 048501, ISSN: 2470-0010, DOI: 10.1103/PhysRevD.95.048501	Q2
21	FF	Paulescu, M.; Pop, N.; Stefu, N.; et al.: <i>Seasonal Modeling of Hourly Solar Irradiation Series</i> , Romanian Journal of Physics, vol. 62, Issue: 7-8, Article Number: 813, ISSN: 1221-146X, WOS:000412414600011	Q2

22	FF	Popescu, A.; Arjoca, S.; Vizman, D.: <i>Numerical Study of Electromagnetic Stirring in a Cylindrical Configuration for Directional Solidification of Multi-Crystalline Silicon</i> , Romanian Journal of Physics, vol. 62, Issue: 9-10, Article Number:608, ISSN: 1221-146X, WOS:000422822000005	Q2
23	FMI	Bonanno, G.; Jebelean, P.; Serban, C.: <i>Three Periodic Solutions for Discontinuous Perturbations of The Vector P-Laplacian Operator</i> , Proceedings of The Royal Society of Edinburgh Section A-Mathematics, vol. 147, Issue: 4, pp. 673-681, ISSN: 0308-2105, DOI: 10.1017/S0308210516000317	Q2
24	FMI	Gurban, D.; Jebelean, P.; Serban, C.: <i>Nontrivial Solutions for Potential Systems Involving the Mean Curvature Operator In Minkowski Space</i> , Advanced Nonlinear Studies, vol. 17, Issue:4, pp.769-780, ISSN: 1536-1365, DOI: 10.1515/ans-2016-6025	Q2
25	FMI	Maruster, S.; Maruster, L.: <i>Local Convergence of Generalized Mann Iteration</i> , Numerical Algorithms, vol. 76, Issue: 4, pp. 905-916, ISSN:1017-1398, DOI: 10.1007/s11075-017-0289-x	Q2
26	FMI	Mnerie, C.; Preitl, S.; Duma, V.F.: <i>Galvanometer-Based Scanners: Mathematical Model and Alternative Control Structures for Improved Dynamics and Immunity to Disturbances</i> , International Journal of Structural Stability and Dynamics, vol.17, Issue: 5, Special Issue: Si, ISSN: 0219-4554, DOI: 10.1142/S0219455417400065	Q2
27	FMI	Popa, I.L.; Ceausu, T.; Megan, M.: <i>Characterizations of the (H, K, Mu, Nu)-Trichotomy for Linear Time-Varying Systems</i> , Mathematical Methods in the Applied Sciences, vol.40, Issue: 17, Special Issue: Si pp: 6172-6177, ISSN: 0170-4214, DOI: 10.1002/mma.3907	Q2
28	FMI	Sasu, A.L.; Sasu, B.: <i>Exponentialtrichotomy and (R, P)-Admissibility for Discrete Dynamical Systems</i> , Discrete and Continuous Dynamical Systems-Series B, vol. 22, Issue: 8, Special Issue: SI, pp. 3199-3220, ISSN: 1531-3492, DOI: 10.3934/dcdsb.201717	Q2
29	FMI	Tudoran, R. M.; Girban, A.: <i>Bifurcations of Limit Cycles of Perturbed Completely Integrable Systems</i> , Nonlinearity, vol.30, Issue:3, pp.1058-1088, ISSN:0951-7715, DOI: 10.1088/1361-6544/aa4ffa	Q2
30	FSP	Palos, R.; Gunaru, S. A.: <i>The Relationship Between Resistance to Change and Romanian Teachers' Attitude Towards Continuing Education: the Moderating Role of Conscientiousness</i> , Journal of Education for Teaching, vol. 43, Issue: 4, pp. 458-473, ISSN: 0260-7476, DOI: 10.1080/02607476.2017.1297043	Q2
31	FSP	Sarbescu, P; Sulea, C; Moza, D: <i>Supervisor Undermining and Driving Errors In Truck Drivers: A Moderated Mediation Model</i> , Transportation Research Part F-Traffic Psychology and Behaviour, vol.45, pp. 122-130, ISSN: 1369-8478, DOI: 10.1016/j.trf.2016.12.006	Q2
32	FSP	Virga, D.; De Witte, H.; Cifre, E.: <i>The Role of Perceived Employability, Core Self-Evaluations, and Job Resources on Health and Turnover Intentions</i> , Journal of Psychology, vol. 151, Issue: 7, pp. 632-645, ISSN: 0022-3980, DOI: 10.1080/00223980.2017.1372346	Q2

33	FSP	Virga, D.; Iliescu, D.: <i>The Well-Being of Romanian Workers In Spain: Antecedents and Moderators</i> , European Journal of Work and Organizational Psychology, vol. 26, Issue: 1, pp.149-159, ISSN: 1359-432X, DOI: 10.1080/1359432X.2016.1225728	Q2
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