

Papers in ISI Journals

1. Achiriloaiei, D., Medeleanu, M. Studies on the Effects of Environmental Pollution on ACSR Conductors, REVISTA DE CHIMIE, Volume: 70, Issue: 11, Pages: 3984-3986, ISSN: 0034-7752, 2019;
2. Ahmadi, M., Pet, I., Stef, L., Dumitrescu, G., Patruica, S., Nicula, M., Ciochina, L.P., Popa, M., Dronca, D. Blood Serum Minerals - in vivo Mineral Interactions Following Iron Overload, REVISTA DE CHIMIE, Volume: 70, Issue: 11, Pages: 4073-4076, ISSN: 0034-7752, 2019;
3. Ahmed, B., Dinu, F., Marginean, I. Damage Characterization in Building Structures Due to Blast Actions, JORDAN JOURNAL OF CIVIL ENGINEERING, Volume: 13, Issue: 4, Pages: 538-570, ISSN: 1993-0461, eISSN: 2225-157X, 2019;
4. Albu, A., Precup, R.E., Teban, T.A. RESULTS AND CHALLENGES OF ARTIFICIAL NEURAL NETWORKS USED FOR DECISION-MAKING AND CONTROL IN MEDICAL APPLICATIONS, FACTA UNIVERSITATIS-SERIES MECHANICAL ENGINEERING, Volume: 17, Issue: 3, Pages: 285-308, ISSN: 0354-2025, eISSN: 2335-0164, 2019;
5. Albulescu, C.T., Pepin, D. The money demand and the loss of interest for the euro in Romania, APPLIED ECONOMICS LETTERS, Volume: 26, Issue: 3, Pages: 196-201, ISSN: 1350-4851, eISSN: 1466-4291, 2019;
6. Albulescu, C.T., Tiwari, A.K., Miller, S.M., Gupta, R. Time-frequency relationship between US inflation and inflation uncertainty: evidence from historical data, SCOTTISH JOURNAL OF POLITICAL ECONOMY, Volume: 66, Issue: 5, Pages: 673-702, ISSN: 0036-9292, eISSN: 1467-9485, 2019;
7. Albulescu, C.T., Tiwari, A.K., Yoon, S.M., Kang, S.H. FDI, income, and environmental pollution in Latin America: Replication and extension using panel quantiles regression analysis, ENERGY ECONOMICS, Volume: 84, Article Number: UNSP 104504, ISSN: 0140-9883, eISSN: 1873-6181, 2019;
8. Albulescu, C.T., Demirer, R., Raheem, I.D., Tiwari, A.K. Does the US economic policy uncertainty connect financial markets? Evidence from oil and commodity currencies, ENERGY ECONOMICS, Volume: 83, Pages: 375-388, ISSN: 0140-9883, eISSN: 1873-6181, 2019;
9. Albulescu, C.T., Pepin, D., Miller, S.M. The micro-foundations of an open economy money demand: An application to central and eastern European countries, JOURNAL OF MACROECONOMICS, Volume: 60, Pages: 33-45, ISSN: 0164-0704, eISSN: 1873-152X, 2019;
10. Aliha, M.R.M., Mousavi, S.S., Bahmani, A., Linul, E., Marsavina, L. Crack initiation angles and propagation paths in polyurethane foams under mixed modes I/II and I/III loading, THEORETICAL AND APPLIED FRACTURE MECHANICS, Volume: 101, Pages: 152-161, ISSN: 0167-8442, eISSN: 1872-7638, 2019;
11. Ancuti, C.O., Ancuti, C., De Vleeschouwer, C., Sbet, M. Color Channel Transfer for Image Dehazing, IEEE SIGNAL PROCESSING LETTERS, Volume: 26, Issue: 10, Pages: 1413-1417, ISSN: 1070-9908, eISSN: 1558-2361, 2019;
12. Anghel, A.A., Mohora, I., Preda, A.D., Giurea, D., Frigura-Iliasa, F.M. ENVIRONMENTAL TENDENCIES IN MODULAR GREEN INSTALLATIONS, JOURNAL OF GREEN BUILDING, Volume: 14, Issue: 4, Pages: 197-221, ISSN: 1552-6100, eISSN: 1943-4618, 2019;
13. Antoniac, I.V., Stoia, D.I., Ghiban, B., Tecu, C., Miculescu, F., Vigar, C., Saceleanu, V. Failure Analysis of a Humeral Shaft Locking Compression Plate Surface Investigation and Simulation by Finite Element Method, MATERIALS, Volume: 12, Issue: 7, Article Number: 1128, PubMed ID: 30959903, ISSN: 1996-1944, 2019;
14. Anwar, G.A., Dinu, F., Ahmed, M. Numerical Study on Ultimate Deformation and Resistance Capacity of Bolted T-Stub Connection, INTERNATIONAL JOURNAL OF STEEL STRUCTURES, Volume: 19, Issue: 3, Pages: 970-977, ISSN: 1598-2351, eISSN: 2093-6311, 2019;
15. Aparaschivei, D., Todea, A., Frissen, A.E., Badea, V., Rusu, G., Sisu, E., Puiu, M., Boeriu, C.G., Peter, F. Enzymatic synthesis and characterization of novel terpolymers from renewable sources, PURE AND APPLIED CHEMISTRY, Volume: 91, Issue: 3, Pages: 397-408, ISSN: 0033-4545, eISSN: 1365-3075, 2019;
16. Apostol, C., Butu, M., Stancel, C.D., Niculescu, F., Duma, S.T., Bud, F. STUDIES ON THE FLUX TREATMENT OF SECONDARY ALUMINIUM ALLOYS OBTAINED AT LOW TEMPERATURES, UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN SERIES B-CHEMISTRY AND MATERIALS SCIENCE, Volume: 81, Issue: 2, Pages: 197-206, ISSN: 1454-2331, 2019;
17. Ates, M., Kar, B., Bogatu, C. CHARACTERIZATION OF ERBIUM OXIDE NANOPARTICLES, FRESenius ENVIRONMENTAL BULLETIN, Volume: 28, Issue: 12A, Pages: 10181-10185, ISSN: 1018-4619, eISSN: 1610-2304, 2019;

18. Avram, S., Udrea, A.M., Negrea, A., Ciopec, M., Duteanu, N., Postolache, C., Duda-Seiman, C., Duda-Seiman, D., Shaposhnikov, S. Prevention of Deficit in Neuropsychiatric Disorders through Monitoring of Arsenic and Its Derivatives as Well as Through Bioinformatics and Cheminformatics, *INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES*, Volume: 20, Issue: 8, Article Number: 1804, PubMed ID: 31013686, eISSN: 1422-0067, 2019;
19. Baba, M., Gui, V., Cernazanu, C., Pescaru, D. A Sensor Network Approach for Violence Detection in Smart Cities Using Deep Learning, *SENSORS*, Volume: 19, Issue: 7, Article Number: 1676, PubMed ID: 30965646, eISSN: 1424-8220, 2019;
20. Baniias, O. Test case selection-prioritization approach based on memoization dynamic programming algorithm, *INFORMATION AND SOFTWARE TECHNOLOGY*, Volume: 115, Pages: 119-130, ISSN: 0950-5849, eISSN: 1873-6025, 2019;
21. Baniias, O., Milincu, C.O. Hybrid Design Tools-Image Quality Assessment of a Digitally Augmented Blackboard Integrated System, *INFORMATICS-BASEL*, Volume: 6, Issue: 1, Article Number: 6, eISSN: 2227-9709, 2019;
22. Barina, G., Udrescu, M., Barina, A., Topirceanu, A., Vladutiu, M. Agent-based simulations of payoff distribution in economic networks, *SOCIAL NETWORK ANALYSIS AND MINING*, Volume: 9, Issue: 1, Article Number: 63, ISSN: 1869-5450, eISSN: 1869-5469, 2019;
23. Belega, D., Petri, D. Influence of the noise on DFT-based sine-wave frequency and amplitude estimators, *MEASUREMENT*, Volume: 137, Pages: 527-534, ISSN: 0263-2241, eISSN: 1873-412X, 2019;
24. Berechet, M., Mirel, I., Staniloiu, C., Fischer, K. CARBON FOOTPRINT OF WASTE MANAGEMENT IN ROMANIA IN THE CONTEXT OF CIRCULAR ECONOMY, *ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL*, Volume: 18, Issue: 6, Pages: 1289-1295, ISSN: 1582-9596, eISSN: 1843-3707, 2019;
25. Berezcky, F., Silea, I. New Nature-Inspired Cycloidal Propeller for Low-Reynolds-Number Hovering Flight, *AIAA JOURNAL*, Volume: 57, Issue: 9, Pages: 3791-3800, ISSN: 0001-1452, eISSN: 1533-385X, 2019;
26. Berei, E., Stefanescu, O., Muntean, C., Taranu, B., Stefanescu, M. Study on the formation of CoCr2O4/SiO2 nanocomposite obtained from Co(II) carboxylate and ammonium dichromate, *JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY*, Volume: 138, Issue: 3, Pages: 1863-1870, ISSN: 1388-6150, eISSN: 1588-2926, 2019;
27. Binzar, T., Pater, F., Nadaban, S. A Study of Boundedness in Fuzzy Normed Linear Spaces, *SYMMETRY-BASEL*, Volume: 11, Issue: 7, Article Number: 923, eISSN: 2073-8994, 2019;
28. Binzar, T., Burdak, Z., Lazureanu, C., Popovici, D., Slocinski, M. Wold-Slocinski decompositions for commuting isometric triples, *JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS*, Volume: 472, Issue: 2, Pages: 1660-1677, ISSN: 0022-247X, eISSN: 1096-0813, 2019;
29. Blaga, R., Sabadus, A., Stefu, N., Dughir, C., Paulescu, M., Badescu, V. A current perspective on the accuracy of incoming solar energy forecasting, *PROGRESS IN ENERGY AND COMBUSTION SCIENCE*, Volume: 70, Pages: 119-144, ISSN: 0360-1285, eISSN: 1873-216X, 2019;
30. Birtok-Baneasa, C., Budiul-Berghian, A., Socalici, V.A., Bucevschi, R. Simulation of Thermal Transfer Through the Polyamide Intake Manifold, *MATERIALE PLASTICE*, Volume: 56, Issue: 1, Pages: 191-194, ISSN: 0025-5289, 2019;
31. Boncalo, O., Kolumban-Antal, G., Amaricai, A., Savin, V., Declercq, D. Layered LDPC Decoders With Efficient Memory Access Scheduling and Mapping and Built-In Support for Pipeline Hazards Mitigation, *IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS I-REGULAR PAPERS*, Volume: 66, Issue: 4, Pages: 1643-1656, ISSN: 1549-8328, eISSN: 1558-0806, 2019;
32. Boran, S., Tamas, A., Mosoarca, G. SOYBEAN BIOESTER OBTAINED IN A BUBBLE COLUMN ESTERIFICATION REACTOR - A RHEOLOGICAL STUDY, *STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA*, Volume: 64, Issue: 4, Pages: 31-36, ISSN: 1224-7154, 2019;
33. Bordeasu, I., Salcianu, C.L., Popoviciu, M.O., Mitelea, I. Cavitation Erosion Resistance of Laser Beam Nitride Layers of X5CrNi18-10 Stainless Steel, *REVISTA DE CHIMIE*, Volume: 70, Issue: 2, Pages: 708-713, ISSN: 0034-7752, 2019;
34. Botoc, C., Mihancea, E., Molcut, A. Football and Stock Market Performance Correlation: Evidence from Italy, *SCIENTIFIC ANNALS OF ECONOMICS AND BUSINESS*, Volume: 66, Issue: 4, Pages: 525-539, ISSN: 2501-1960, eISSN: 2501-3165, 2019;
35. Bratu, D.C., Vinatu, V.F., Pop, S.I., Petrescu, P.H., Simon, C.P., Popa, G. Wear Resistance Under High Load Forces of Four Different Polyethylene Terephthalate Glycol Vacuum-Formed Orthodontic Retainers, *MATERIALE PLASTICE*, Volume: 56, Issue: 3, Pages: 505-509, ISSN: 0025-5289, 2019;

36. Bucur, F., Putan, V., Socalici, A., Josan, A. RESEARCH ON THE INFLUENCE OF CHEMICAL COMPOSITION ON THE HARDNESS OF CAST IRON, UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN SERIES B-CHEMISTRY AND MATERIALS SCIENCE, Volume: 81, Issue: 3, Pages: 149-156, ISSN: 1454-2331, 2019;
37. Buse, C., O'Regan, D. A weak integral condition and its connections with existence and uniqueness of solutions for some abstract Cauchy problems in Banach spaces, MONATSHEFTE FÜR MATHEMATIK, Volume: 192, Issue: 3, Pages: 493-512, ISSN: 0026-9255, eISSN: 1436-5081, 2019;
38. Buse, C., Diagana, T., Nguyen, L.T., O'Regan, D. EXPONENTIAL STABILITY FOR SOLUTIONS OF CONTINUOUS AND DISCRETE ABSTRACT CAUCHY PROBLEMS IN BANACH SPACES, ELECTRONIC JOURNAL OF DIFFERENTIAL EQUATIONS, Article Number: 78, ISSN: 1072-6691, 2019;
39. Buse, C., O'Regan, D., Sailerli, O. Hyers-Ulam Stability for Linear Differences with Time Dependent and Periodic Coefficients, SYMMETRY-BASEL, Volume: 11, Issue: 4, Article Number: 512, eISSN: 2073-8994, 2019;
40. Buse, C., O'Regan, D., Sailerli, O. A surjection problem leading to the Ax-Grothendieck theorem, APPLICABLE ANALYSIS, Volume: 98, Issue: 4, Pages: 843-850, ISSN: 0003-6811, eISSN: 1563-504X, 2019;
41. Buse, C., O'Regan, D., Sailerli, O. Hyers-Ulam Stability for Linear Differences with Time Dependent and Periodic Coefficients: The Case When the Monodromy Matrix Has Simple Eigenvalues, SYMMETRY-BASEL, Volume: 11, Issue: 3, Article Number: 339, ISSN: 2073-8994, 2019;
42. Buse, C., O'Regan, D., Sailerli, O. A SURJECTIVITY PROBLEM FOR 3 BY 3 MATRICES, OPERATORS AND MATRICES, Volume: 13, Issue: 1, Pages: 111-119, ISSN: 1846-3886, 2019;
43. Butu, M., Apostol, C., Bud, F., Tache, A., Marcu, D.F., Jeflea, V.F., Stancel, C.D., Duma, S.T. STREAMLINING TECHNOLOGIES FOR PROCESSING SCRAPS FROM ALUMINIUM ALLOYS, UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN SERIES B-CHEMISTRY AND MATERIALS SCIENCE, Volume: 81, Issue: 4, Pages: 237-252, ISSN: 1454-2331, 2019;
44. Caiman, D.V., Dragomir, T.L. Empirical Voltage-current Signatures for Individual Household Consumers Obtained by Non-linear Regression, STUDIES IN INFORMATICS AND CONTROL, Volume: 28, Issue: 2, Pages: 201-212, ISSN: 1220-1766, 2019;
45. Calinoiu, D.G., Trif-Tordai, G., Ionel, I. IMPACT OF ATMOSPHERIC AEROSOL ON PHOTOVOLTAIC ENERGY PRODUCTION IN ROMANIA, JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY, Volume: 20, Issue: 3, Pages: 1083-1093, ISSN: 1311-5065, 2019;
46. Capota, E.A., Stangaciu, C.S., Micea, M.V., Curiac, D.I. Towards mixed criticality task scheduling in cyber physical systems: Challenges and perspectives, JOURNAL OF SYSTEMS AND SOFTWARE, Volume: 156, Pages: 204-216, ISSN: 0164-1212, eISSN: 1873-1228, 2019;
47. Caruntu, B., Bota, C., Lapadat, M., Pasca, M.S. Polynomial Least Squares Method for Fractional Lane-Emden Equations, SYMMETRY-BASEL, Volume: 11, Issue: 4, Article Number: 479, eISSN: 2073-8994, 2019;
48. Chieffo, N., Clementi, F., Formisano, A., Lenci, S. Comparative fragility methods for seismic assessment of masonry buildings located in Muccia (Italy), JOURNAL OF BUILDING ENGINEERING, Volume: 25, Article Number: UNSP 100813, ISSN: 2352-7102, 2019;
49. Chieffo, N., Formisano, A. Geo-Hazard-Based Approach for the Estimation of Seismic Vulnerability and Damage Scenarios of the Old City of Senerchia (Avellino, Italy), GEOSCIENCES, Volume: 9, Issue: 2, Article Number: UNSP 59, ISSN: 2076-3263, 2019;
50. Chieffo, N., Formisano, A. The Influence of Geo-Hazard Effects on the Physical Vulnerability Assessment of the Built Heritage: An Application in a District of Naples, BUILDINGS, Volume: 9, Issue: 1, Article Number: 26, ISSN: 2075-5309, 2019;
51. Chieffo, N., Formisano, A., Ferreira, T.M. Damage scenario-based approach and retrofitting strategies for seismic risk mitigation: an application to the historical Centre of Sant'Antimo (Italy), EUROPEAN JOURNAL OF ENVIRONMENTAL AND CIVIL ENGINEERING, Pages: 1-20, ISSN: 1964-8189, eISSN: 2116-7214, 2019;
52. Cioca, L.I., Ivascu, L., Turi, A., Artene, A., Gaman, G.A. Sustainable Development Model for the Automotive Industry, SUSTAINABILITY, Volume: 11, Issue: 22, Article Number: 6447, eISSN: 2071-1050, 2019;
53. Cioca, L.I., Ivascu, L., Szekeley, S. Challenges and opportunities associated with waste recycling development in Romania, QUALITY-ACCESS TO SUCCESS Volume: 20 Pages: 223-228, Supplement: 1, ISSN: 1582-2559, 2019;
54. Ciolea, D.I., Ionel, I., Mihaiuti, A. Research Concerning the Possibility of Turning Sterile Soil Into a Fruitful One, by Using Sludge, REVISTA DE CHIMIE, Volume: 70, Issue: 9, Pages: 3236-3241, ISSN: 0034-7752, 2019;

55. Ciopec, M., Negrea, A., Duteanu, N., Davidescu, C.M., Hulka, I., Motoc, M., Negrea, P., Grad, O., Vaduva, D.B. As(III) Removal by Dynamic Adsorption onto Amberlite XAD7 Functionalized with Crown Ether and Doped with Fe(III) Ions, *REVISTA DE CHIMIE*, Volume: 70, Issue: 7, Pages: 2330-2334, ISSN: 0034-7752, 2019;
56. Ciopec, M., Davidescu, C.M., Negrea, A., Duteanu, N., Rusu, G., Grad, O., Negrea, P. Amberlite XAD7 resin functionalized with crown ether and Fe(III) used for arsenic removal from water, *PURE AND APPLIED CHEMISTRY*, Volume: 91, Issue: 3, Pages: 375-388, ISSN: 0033-4545, eISSN: 1365-3075, 2019;
57. Cîrjăliu, B., Mocan, A., Boatca, M.E., Draghici, A. A propose approach for continuous improvement using ergonomics and quality management knowledge and methodologies, *QUALITY-ACCESS TO SUCCESS*, Volume: 20, Pages: 135-140, Supplement: 1, ISSN: 1582-2559, 2019;
58. Cismariu, L., Gherhes, V. Artificial Intelligence, between Opportunity and Challenge, *BRAIN-BROAD RESEARCH IN ARTIFICIAL INTELLIGENCE AND NEUROSCIENCE*, Volume: 10, Issue: 4, Pages: 40-55, ISSN: 2067-3957, 2019;
59. Cismas, E.C., Lupa, N. A Nash-Moser approach for the Euler-Arnold equations, *MONATSHEFTE FÜR MATHEMATIK*, Volume: 192, Issue: 2, Pages: 333-353, ISSN: 0026-9255, eISSN: 1436-5081, 2019;
60. Coheci, L., Lupa, L., Pop, A., Visa, A., Maranescu, B., Popa, A. Photocatalytic Degradation of Congo Red Azo Dye Using Phosphono-Aminoacid-Cd(II) Pendant Groups Grafted on a Polymeric Support, *REVISTA DE CHIMIE*, Volume: 70, Issue: 10, Pages: 3473-3476, ISSN: 0034-7752, 2019;
61. Coheci, L., Lupa, L., Lazau, R., Voda, R., Pode, R. Zinc recovery from waste zinc ash - A new "green" route for the preparation of Zn-Al layered double hydroxide used for molybdate retention, *JOURNAL OF ALLOYS AND COMPOUNDS*, Volume: 787, Pages: 332-343, ISSN: 0925-8388, eISSN: 1873-4669, 2019;
62. Codrean, C., Cosma, C., Tosa, D., Buzdugan, D., Dume, A.I. Composite Materials Fabricated of Amorphous and Nanocrystalline Metallic Powders, *MATERIALE PLASTICE*, Volume: 56, Issue: 4, Pages: 744-749, ISSN: 0025-5289, 2019;
63. Covaciu, F., Iordan, A.E. DESIGNING AND BUILDING A SERIAL ROBOTIC ARM WITH FOUR DEGREES OF FREEDOM, *ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING*, Volume: 62, Issue: 2, Pages: 317-322, ISSN: 1221-5872, 2019;
64. Cristea, M., Baul, B., Ledeti, I., Ledeti, A., Vlase, G., Vlase, T., Karolewicz, B., Stefanescu, O., Dragomirescu, A.O., Muresan, C., Cipu, D.S., Velimirovici, D., Stefanescu, M. Preformulation studies for atorvastatin calcium An instrumental approach, *JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY*, Volume: 138, Issue: 4, Pages: 2799-2806, ISSN: 1388-6150, eISSN: 1588-2926, 2019;
65. Daianu, D.M., Mindruta, C. Polynomials of Arithmetically Homogeneous Functions: Stability and Hyperstability, *RESULTS IN MATHEMATICS*, Volume: 74, Issue: 1, Article Number: UNSP 59, ISSN: 1422-6383, eISSN: 1420-9012, 2019;
66. Daianu, D.M. FIXED POINT APPROACH TO THE STABILITY OF GENERALIZED POLYNOMIALS, *FIXED POINT THEORY*, Volume: 20, Issue: 1, Pages: 135-155, ISSN: 1583-5022, eISSN: 2066-9208, 2019;
67. David, I., Orboi, M.D., Simandi, M.D., Chirila, C.A., Megyesi, C.I., Radulescu, L., Draghia, L.P., Lukinich-Gruia, A.T., Muntean, C., Hadaruga, D.I., Hadaruga, N.G. Fatty acid profile of Romanian's common bean (*Phaseolus vulgaris* L.) lipid fractions and their complexation ability by beta-cyclodextrin, *PLOS ONE*, Volume: 14, Issue: 11, Article Number: e0225474, PubMed ID: 31756198, ISSN: 1932-6203, 2019;
68. Davidescu, C.M., Ardelean, R., Popa, A. New polymeric adsorbent materials used for removal of phenolic derivatives from wastewaters, *PURE AND APPLIED CHEMISTRY*, Volume: 91, Issue: 3, Pages: 443-458, ISSN: 0033-4545, eISSN: 1365-3075, 2019;
69. Dawod, N., Florescu, A., Antoniac, I.V., Stoia, D.I., Hancu, V., Biclesanu, F.C. The FEA Study of the Biomechanical Behavior of Canine Reconstructed with Composite Resin, *REVISTA DE CHIMIE*, Volume: 70, Issue: 7, Pages: 2456-2462, ISSN: 0034-7752, 2019;
70. Demonceau, J.F., Ciutina, A. Characterisation of Beam-to-column Steel-concrete Composite Joints Beyond Current Eurocode Provisions, *STRUCTURES*, Volume: 21, Special Issue: SI, Pages: 167-175, ISSN: 2352-0124, 2019;
71. Diudea, M.V., Medeleanu, M., Khalaj, Z., Ashrafi, A.R. Spongy Diamond, *IRANIAN JOURNAL OF MATHEMATICAL CHEMISTRY*, Volume: 10, Issue: 1, Pages: 1-9, ISSN: 2228-6489, eISSN: 2008-9015, 2019;
72. Dolha, S., Negirla, P., Alexa, F., Silea, I. Considerations about the Signal Level Measurement in Wireless Sensor Networks for Node Position Estimation, *SENSORS*, Volume: 19, Issue: 19, Article Number: 4179, PubMed ID: 31561569, eISSN: 1424-8220, 2019;

73. Dragomir, G.M., Todorescu, L.L., Greculescu, A. Teacher Dimensions in Technical Higher Education - A Student Perspective, *REVISTA ROMANEASCA PENTRU EDUCATIE MULTIDIMENSIONALA*, Volume: 11, Issue: 2, Pages: 72-93, ISSN: 2066-7329, eISSN: 2067-9270, 2019;
74. Dragomir, G.M., Todorescu, L.L., Stroe, I.G. The Work & Travel Program - Means of Training and Integrating Youth for Adult Life, *REVISTA ROMANEASCA PENTRU EDUCATIE MULTIDIMENSIONALA*, Volume: 11, Issue: 2, Pages: 94-109, ISSN: 2066-7329, eISSN: 2067-9270, 2019;
75. Dubina, D., Marginean, I., Dinu, F. Impact modelling for progressive collapse assessment of selective rack systems, *THIN-WALLED STRUCTURES*, Volume: 143, Special Issue: SI, Article Number: UNSP 106201, ISSN: 0263-8231, eISSN: 1879-3223, 2019;
76. Duma, V.F. OPTICAL ATTENUATORS WITH RISLEY PRISMS AND DISK CHOPPERS, *PROCEEDINGS OF THE ROMANIAN ACADEMY SERIES A-MATHEMATICS PHYSICS TECHNICAL SCIENCES INFORMATION SCIENCE*, Volume: 20, Issue: 2, Pages: 139-148, ISSN: 1454-9069, 2019;
77. Duma, V.F., Sinescu, C., Bradu, A., Podoleanu, A. Optical Coherence Tomography Investigations and Modeling of the Sintering of Ceramic Crowns, *MATERIALS*, Volume: 12, Issue: 6, Article Number: 947, PubMed ID: 30901879, ISSN: 1996-1944, 2019;
78. Duma, V.F. Laser scanners with oscillatory elements: Design and optimization of 1D and 2D scanning functions, *APPLIED MATHEMATICAL MODELLING*, Volume: 67, Pages: 456-476, ISSN: 0307-904X, eISSN: 1872-8480, 2019;
79. Dumitrel, G.A., Glevitzky, M., Cioabla, A.E., Glevitzky, I., Popa, M. STUDY REGARDING THE EFFECT OF TEMPERATURE ON STREPTOMYCIN DEGRADATION IN DIFFERENT TYPES OF HONEY, *JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY*, Volume: 20, Issue: 2, Pages: 677-684, ISSN: 1311-5065, 2019;
80. Dumitru, R., Ianculescu, A., Pacurariu, C., Lupa, L., Pop, A., Vasile, B., Surdu, A., Manea, F. BiFeO₃-synthesis, characterization and its photocatalytic activity towards doxorubicin degradation from water, *CERAMICS INTERNATIONAL*, Volume: 45, Issue: 2, Special Issue: SI, Pages: 2789-2802, ISSN: 0272-8842, eISSN: 1873-3956, 2019;
81. Fagadar-Cosma, E., Vlascici, D., Birdeanu, M., Fagadar-Cosma, G. Novel fluorescent pH sensor based on 5-(4-carboxy-phenyl)-10,15,20-tris(phenyl)-porphyrin, *ARABIAN JOURNAL OF CHEMISTRY*, Volume: 12, Issue: 7, Pages: 1587-1594, ISSN: 1878-5352, eISSN: 1878-5379, 2019;
82. Feier, A., Chivu, O.R., Stoica, A. Weldability - Behavior of Welded Reinforcement, *REVISTA DE CHIMIE*, Volume: 70, Issue: 10, Pages: 3469-3472, ISSN: 0034-7752, 2019;
83. Filip, I., Mihet-Popa, L., Vasar, C., Prosteian, O., Szeidert, I. Considerations Regarding the Design of a Minimum Variance Control System for an Induction Generator, *ELECTRONICS*, Volume: 8, Issue: 5, Article Number: 532, ISSN: 2079-9292, 2019;
84. Filip, I., Vasar, C., Szeidert, I., Prosteian, O. Self-tuning strategy for a minimum variance control system of a highly disturbed process, *EUROPEAN JOURNAL OF CONTROL*, Volume: 46, Pages: 49-62, ISSN: 0947-3580, eISSN: 1435-5671, 2019;
85. Fregue, R.T.T., Wachter, A.R., Ionel, I., Vintila, T., Julean, C., Moisa, S., Ungureanu, C.I., Mihaiuti, A.C. Renewable Energy Production Potential by using from Wastes Generated in a Pigs Farm and Slaughterhouse, *REVISTA DE CHIMIE*, Volume: 70, Issue: 6, Pages: 2058-2061, ISSN: 0034-7752, 2019;
86. Fregue, T.T.R., Ionel, I., Gabche, A.S., Mihaiuti, A.C. Optimization of the Activated Carbon Preparation from Avocado Seeds, using the Response Surface Methodology, *REVISTA DE CHIMIE*, Volume: 70, Issue: 2, Pages: 410-416, ISSN: 0034-7752, 2019;
87. Frigura-Iliasa, F.M., Musuroi, S., Sorandaru, C., Vatau, D. Case Study about the Energy Absorption Capacity of Metal Oxide Varistors with Thermal Coupling, *ENERGIES*, Volume: 12, Issue: 3, Article Number: 536, ISSN: 1996-1073, 2019;
88. Frigura-Iliasa, F.M., Musuroi, S., Sorandaru, C., Vatau, D. New Technical Parameters and Operational Improvements of the Metal Oxide Varistors Manufacturing Process, *PROCESSES*, Volume: 7, Issue: 1, Article Number: 18, ISSN: 2227-9717, 2019;
89. Gal-Nadasan, E.G., Gal-Nadasan, N., Poenaru, D.V., Surducun, D., Popa-Andrei, D., Casiana-Salavat, M., Boruga, M.V., Niculescu, B., Tataru, T. The Impact of Prolonged Sitting Hours on the Correct Standing up Position of Elementary School Students in Developed Rural Area, *MATERIALE PLASTICE*, Volume: 56, Issue: 4, Pages: 831-839, ISSN: 0025-5289, 2019;
90. Gheju, M., Balcu, I. Sustaining the efficiency of the Fe(0)/H₂O system for Cr(VI) removal by MnO₂ amendment, *CHEMOSPHERE*, Volume: 214, Pages: 389-398, PubMed ID: 30268895, ISSN: 0045-6535, eISSN: 1879-1298, 2019;

91. Glevitzky, I., Dumitrel, G.A., Glevitzky, M., Pasca, B., Otrisal, P., Bungau, S., Cioca, G., Pantis, C., Popa, M. Statistical Analysis of the Relationship Between Antioxidant Activity and the Structure of Flavonoid Compounds, *REVISTA DE CHIMIE*, Volume: 70, Issue: 9, Pages: 3103-3107, ISSN: 0034-7752, 2019;
92. Glevitzky, M., Dumitrel, G.A., Glevitzky, I., Popa, M. STUDY ON CONTAMINATION OF SNAIL SOFT TISSUES (*Helix pomatia*) WITH CADMIUM IN SIBIU COUNTY, ROMANIA, *JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY*, Volume: 20, Issue: 2, Pages: 599-607, ISSN: 1311-5065, 2019;
93. Golban, A., Lupa, L., Cochei, L., Pode, R. Synthesis of MgFe Layered Double Hydroxide from Iron-Containing Acidic Residual Solution and Its Adsorption Performance, *CRYSTALS*, Volume: 9, Issue: 10, Article Number: 514, ISSN: 2073-4352, 2019;
94. Gridan, I.M., Ciorsac, A.A., Isvoran, A. Prediction of ADME-Tox properties and toxicological endpoints of triazole fungicides used for cereals protection, *ADMET AND DMPK*, Volume: 7, Issue: 3, Pages: 161-173, ISSN: 1848-7718, 2019;
95. Groza, B., Murvay, P.S. Identity-Based Key Exchange on In-Vehicle Networks: CAN-FD & FlexRay, *SENSORS*, Volume: 19, Issue: 22, Article Number: 4919, PubMed ID: 31718110, eISSN: 1424-8220, 2019;
96. Groza, B., Murvay, P.S. Efficient Intrusion Detection With Bloom Filtering in Controller Area Networks, *IEEE TRANSACTIONS ON INFORMATION FORENSICS AND SECURITY*, Volume: 14, Issue: 4, Pages: 1037-1051, ISSN: 1556-6013, eISSN: 1556-6021, 2019;
97. Groza, B., Popa, L., Murvay, P.S. TRICKS-Time TRiggered Covert Key Sharing for Controller Area Networks, *IEEE ACCESS*, Volume: 7, Pages: 104294-104307, ISSN: 2169-3536, 2019;
98. Hadaruga, N.G., Bandur, G.N., David, I., Hadaruga, D.I. A review on thermal analyses of cyclodextrins and cyclodextrin complexes, *ENVIRONMENTAL CHEMISTRY LETTERS*, Volume: 17, Issue: 1, Pages: 349-373, ISSN: 1610-3653, eISSN: 1610-3661, 2019;
99. Halbac-Cotoara-Zamfir, R., Keesstra, S., Kalantari, Z. The impact of political, socio-economic and cultural factors on implementing environment friendly techniques for sustainable land management and climate change mitigation in Romania, *SCIENCE OF THE TOTAL ENVIRONMENT*, Volume: 654, Pages: 418-429, PubMed ID: 30447580, ISSN: 0048-9697, eISSN: 1879-1026, 2019;
100. Hedrea, C. The Lie-Trotter integrator in the dynamics of a mechanical system, *JOURNAL OF GEOMETRY AND PHYSICS*, Volume: 145, Article Number: UNSP 103470, ISSN: 0393-0440, eISSN: 1879-1662, 2019;
101. Hedrea, E.L., Precup, R.E., Bojan-Dragos, C.A. Results on Tensor Product-based Model Transformation of Magnetic Levitation Systems, *ACTA POLYTECHNICA HUNGARICA*, Volume: 16, Issue: 9, Special Issue: SI, Pages: 93-111, ISSN: 1785-8860, 2019;
102. Herisanu, N., Marinca, V., Madescu, G. Application of the Optimal Auxiliary Functions Method to a Permanent Magnet Synchronous Generator, *INTERNATIONAL JOURNAL OF NONLINEAR SCIENCES AND NUMERICAL SIMULATION*, Volume: 20, Issue: 3-4, Pages: 399-406, ISSN: 1565-1339, eISSN: 2191-0294, 2019;
103. Herisanu, N., Marinca, V., Madescu, G., Dragan, F. Dynamic Response of a Permanent Magnet Synchronous Generator to a Wind Gust, *ENERGIES*, Volume: 12, Issue: 5, Article Number: 915, ISSN: 1996-1073, 2019;
104. Hradil, P., Fulop, L., Ungureanu, V. Reusability of components from single-storey steel-framed buildings, *STEEL CONSTRUCTION-DESIGN AND RESEARCH*, Volume: 12, Issue: 2, Pages: 91-97, ISSN: 1867-0520, eISSN: 1867-0539, 2019;
105. Ianas, C., Piciorus, M., Nicola, R., Ciopec, M., Negrea, A., Niznansky, D., Len, A., Almasy, L., Putz, A.M. Removal of cadmium from aqueous solutions using inorganic porous nanocomposites, *KOREAN JOURNAL OF CHEMICAL ENGINEERING*, Volume: 36, Issue: 5, Pages: 688-700, ISSN: 0256-1115, eISSN: 1975-7220, 2019;
106. Imane, Z., Ben Hachmi, M.K., Halbac-Cotoara-Zamfir, R. QUANTITATIVE WATER MANAGEMENT IN RABAT, SALE AND TIMISOARA DRINKING WATER SYSTEM, *ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL*, Volume: 18, Issue: 12, Pages: 2567-2577, ISSN: 1582-9596, eISSN: 1843-3707, 2019;
107. Ionescu, D., Kovaci, M. Properties Prescribing and Control of Direct and Inverse Opal Metamaterials Doped with Spinel, Used for Mems, *ACTA PHYSICA POLONICA A*, Volume: 135, Issue: 4, Pages: 849-851, ISSN: 0587-4246, eISSN: 1898-794X, 2019;
108. Ionica, D.A., Maris, S.A., Dicu, R., Maris, S. Linear Programming Tool for the Optimization of Mixed Biomass Fuel Recipes, *BRAIN-BROAD RESEARCH IN ARTIFICIAL INTELLIGENCE AND NEUROSCIENCE*, Volume: 10, Issue: 3, Pages: 145-155, ISSN: 2067-3957, 2019;

109. Iordan, A.E., Covaciu, F. EFFICIENT METHOD TO SOLVE THE GUARINI PUZZLE GENERALIZATION USING BIPARTITE GRAPHS, ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING, Volume: 62, Issue: 1, Pages: 157-162, ISSN: 1221-5872, 2019;
110. Irekti, A., Oualit, M., Siahmed, H., Buncianu, D., Zibouche, F. EFFECT OF BLACK LIQUOR FROM DATE PALM ON THE WORKABILITY AND COMPRESSIVE STRENGTH OF PORTLAND CEMENT AND CONCRETE, ADVANCES IN MATERIALS SCIENCE, Volume: 19, Issue: 3, Pages: 5-18, ISSN: 2083-4799, 2019;
111. Islam, F., Bhattacharya, B., Popescu, I. Flood risk assessment due to cyclone-induced dike breaching in coastal areas of Bangladesh, NATURAL HAZARDS AND EARTH SYSTEM SCIENCES, Volume: 19, Issue: 2, Pages: 353-368, ISSN: 1561-8633, 2019;
112. Istratie, R., Stoia, M., Pacurariu, C., Locovei, C. Single and simultaneous adsorption of methyl orange and phenol onto magnetic iron oxide/carbon nanocomposites, ARABIAN JOURNAL OF CHEMISTRY, Volume: 12, Issue: 8, Pages: 3704-3722, ISSN: 1878-5352, eISSN: 1878-5379, 2019;
113. Iures, L., Bob, C., Chendes, R., Badea, C., Popa, R. THEORETICAL CONSIDERATIONS AND LAB DETERMINATIONS REGARDING CONCRETE SHRINKAGE, REVISTA ROMANA DE MATERIALE-ROMANIAN JOURNAL OF MATERIALS, Volume: 49, Issue: 2, Pages: 274-278, ISSN: 1583-3186, 2019;
114. Ivascu, L., Cioca, L.I. Occupational Accidents Assessment by Field of Activity and Investigation Model for Prevention and Control, SAFETY, Volume: 5, Issue: 1, Article Number: 12, ISSN: 2313-576X, 2019;
115. Kang, S.H., Tiwari, A.K., Albulescu, C.T., Yoon, S.M. Exploring the time-frequency connectedness and network among crude oil and agriculture commodities V1, ENERGY ECONOMICS, Volume: 84, Article Number: UNSP 104543, ISSN: 0140-9883, eISSN: 1873-6181, 2019;
116. Kang, S.H., Tiwari, A.K., Albulescu, C.T., Yoon, S.M. Time-frequency co-movements between the largest nonferrous metal futures markets, RESOURCES POLICY, Volume: 61, Pages: 393-398, ISSN: 0301-4207, eISSN: 1873-7641, 2019;
117. Kiss, I. CAST IRON ROLLS - AN OVERVIEW ON THE PROPER HARDNESS ASSURED BY THE MANUFACTURING PROCESS, TEHNICKI GLASNIK-TECHNICAL JOURNAL, Volume: 13, Issue: 2, Pages: 92-99, ISSN: 1846-6168, eISSN: 1848-5588, 2019;
118. Lelea, D., Cioabla, A.E. THE NEPCM MATERIAL AS COOLING SOLUTIONS FOR HIGH POWER LIGHT EMITTING DIODES (LED), INGINERIA AUTOMOBILULUI, Issue: 51, Pages: 13-15, ISSN: 1842-4074, 2019;
119. Lemle, L.D. On the L-infinity-Uniqueness of Dynamical Systems with Small Random Perturbation, RESULTS IN MATHEMATICS, Volume: 74, Issue: 1, Article Number: UNSP 26, ISSN: 1422-6383, eISSN: 1420-9012, 2019;
120. Linul, E., Lell, D., Movahedi, N., Codrean, C., Fiedler, T. Compressive properties of zinc syntactic foams at elevated temperatures, COMPOSITES PART B-ENGINEERING, Volume: 167, Pages: 122-134, ISSN: 1359-8368, eISSN: 1879-1069, 2019;
121. Linul, E., Marsavina, L., Linul, P.A., Kovacic, J. Cryogenic and high temperature compressive properties of Metal Foam Matrix Composites, COMPOSITE STRUCTURES, Volume: 209, Pages: 490-498, ISSN: 0263-8223, eISSN: 1879-1085, 2019;
122. Luca, R.E., Todea, C.D., Duma, V.F., Bradu, A., Podoleanu, A.G. Quantitative assessment of rat bone regeneration using complex master-slave optical coherence tomography, QUANTITATIVE IMAGING IN MEDICINE AND SURGERY, Volume: 9, Issue: 5, Special Issue: SI, Pages: 782-798, PubMed ID: 31281774, ISSN: 2223-4292, eISSN: 2223-4306, 2019;
123. Luminosu, I., De Sabata, A., Toader, D., Margineanu, D., Ilie, S. CONCEPTION OF A MASTER DEGREE PROGRAM IN SOLAR ENERGY: INFRASTRUCTURE, STRUCTURE AND RESULTS, ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL, Volume: 18, Issue: 2, Pages: 291-300, ISSN: 1582-9596, eISSN: 1843-3707, 2019;
124. Lupa, N., Popescu, L.H. Admissible Banach function spaces for linear dynamics with nonuniform behavior on the half-line, SEMIGROUP FORUM, Volume: 98, Issue: 1, Pages: 184-208, ISSN: 0037-1912, eISSN: 1432-2137, 2019;
125. Maranescu, B., Lupa, L., Visa, A. Synthesis, characterization and rare earth elements adsorption properties of phosphonate metal organic frameworks, APPLIED SURFACE SCIENCE, Volume: 481, Pages: 83-91, ISSN: 0169-4332, eISSN: 1873-5584, 2019;
126. Marsavina, L., Iacoviello, F., Pirvulescu, L.D., Di Cocco, V., Rusu, L. Engineering prediction of fatigue strength for AM50 magnesium alloys, INTERNATIONAL JOURNAL OF FATIGUE, Volume: 127, Pages: 10-15, ISSN: 0142-1123, eISSN: 1879-3452, 2019;

127. Marsavina, L., Pop, I.O., Linul, E. Mechanical and fracture properties of particleboard, *FRATTURA ED INTEGRITÀ STRUTTURALE*, Issue: 47, Pages: 266-276, ISSN: 1971-8993, 2019;
128. Matekovits, L., de Sabata, A., Silaghi, A.M. Frequency Selective Surface With Two Quasi-Independent Notch Frequencies, *IEEE ACCESS*, Volume: 7, Pages: 77261-77267, ISSN: 2169-3536, 2019;
129. Mercioni, M.A., Tiron, A., Holban, S. Dynamic Modification of Activation Function using the Backpropagation Algorithm in the Artificial Neural Networks, *INTERNATIONAL JOURNAL OF ADVANCED COMPUTER SCIENCE AND APPLICATIONS*, Volume: 10, Issue: 4, Pages: 51-56, ISSN: 2158-107X, eISSN: 2156-5570, 2019;
130. Miclau, M., Kumar, S., Ursu, D., Orha, C., Miclau, N., Rueff, J.M., Malo, S., Martin, C. Ag₂CrO₄ for photocatalytic applications: High performance of crystals designed by autogenous pressure, *MATERIALS CHARACTERIZATION*, Volume: 158, Article Number: 109970, ISSN: 1044-5803, eISSN: 1873-4189, 2019;
131. Mihailescu, M., Negrea, A., Ciopec, M., Davidescu, C.M., Negrea, P., Duteanu, N., Rusu, G. Gold (III) adsorption from dilute waste solutions onto Amberlite XAD7 resin modified with L-glutamic acid, *SCIENTIFIC REPORTS*, Volume: 9, Article Number: 8757, PubMed ID: 31217435, ISSN: 2045-2322, 2019;
132. Mihailescu, M., Negrea, P., Duteanu, N., Negrea, A., Ciopec, M., Gherman, V., Buzatu, R., Motoc, M. From the Complex Process of Gold Ions Recovery in New Antimicrobial Product, *REVISTA DE CHIMIE*, Volume: 70, Issue: 3, Pages: 1080-1084, ISSN: 0034-7752, 2019;
133. Milici, C., Machado, J.T., Draganescu, G. On the fractional Cornu spirals, *COMMUNICATIONS IN NONLINEAR SCIENCE AND NUMERICAL SIMULATION*, Volume: 67, Pages: 100-107, ISSN: 1007-5704, eISSN: 1878-7274, 2019;
134. Militaru, B.A., Vancea, C., Pode, R. Glass Fertilizers Obtained Using Sewage Sludge ASH Wastes, *REVISTA DE CHIMIE*, Volume: 70, Issue: 11, Pages: 3824-3829, ISSN: 0034-7752, 2019;
135. Militaru, B.A., Pode, R., Manea, F., Linul, P.A. Simple and Combined Acidic Extraction of Phosphorus from Sewage Sludge Ash, *REVISTA DE CHIMIE*, Volume: 70, Issue: 1, Pages: 133-139, ISSN: 0034-7752, 2019;
136. Minzatu, V., Davidescu, C.M., Ciopec, M., Negrea, P., Duteanu, N., Negrea, A., Motoc, M., Manea, A. Eco-materials for Arsenium and Selenium Removal from Aqueous Solutions, *REVISTA DE CHIMIE*, Volume: 70, Issue: 5, Pages: 1586-1591, ISSN: 0034-7752, 2019;
137. Minzatu, V., Davidescu, C.M., Negrea, P., Ciopec, M., Muntean, C., Hulka, I., Paul, C., Negrea, A., Duteanu, N. Synthesis, Characterization and Adsorptive Performances of a Composite Material Based on Carbon and Iron Oxide Particles, *INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES*, Volume: 20, Issue: 7, Article Number: 1609, PubMed ID: 30935127, ISSN: 1422-0067, 2019;
138. Minzatu, V., Davidescu, C.M., Negrea, A., Ciopec, M., Negrea, P., Duteanu, N., Motoc, M., Velimirovici, D. Biopolymers - Carbon Sources for Composite Materials Used as Adsorbents for As (V), *MATERIALE PLASTICE*, Volume: 56, Issue: 1, Pages: 210-215, ISSN: 0025-5289, 2019;
139. Minzatu, V., Davidescu, C.M., Negrea, A., Negrea, P., Ciopec, M., Vancea, C. CELLULAR GLASS AS INERTIZATION ALTERNATIVE FOR THE EXHAUSTED COMPOSITE ADSORPTION MATERIAL RESULTED FROM THE REMOVAL OF ARSENIC FROM WASTE WATERS, *REVISTA ROMANA DE MATERIALE-ROMANIAN JOURNAL OF MATERIALS*, Volume: 49, Issue: 2, Pages: 193-200, ISSN: 1583-3186, 2019;
140. Mitelea, I., Bena, T., Bordeasu, I., Utu, I.D., Craciunescu, C.M. Enhancement of Cavitation Erosion Resistance of Cast Iron with TIG Remelted Surface, *METALLURGICAL AND MATERIALS TRANSACTIONS A-PHYSICAL METALLURGY AND MATERIALS SCIENCE*, Volume: 50A, Issue: 8, Pages: 3767-3775, ISSN: 1073-5623, eISSN: 1543-1940, 2019;
141. Mitelea, I., Utu, I.D., Karancsi, O., Urgan, S.D., Marius, C. Investigation of the microstructure of dissimilar welds in duplex stainless steel and low alloyed steel, *MATERIALS TESTING*, Volume: 61, Issue: 2, Pages: 120-124, ISSN: 0025-5300, 2019;
142. Moaca, E.A., Farcas, C., Coricovact, D., Avram, S., Mihali, C.V., Draghici, G.A., Loghin, F., Pacurariu, C., Dehelean, C. Oleic Acid Double Coated Fe₃O₄ Nanoparticles as Anti-Melanoma Compounds with a Complex Mechanism of Activity-In Vitro and In Ovo Assessment, *JOURNAL OF BIOMEDICAL NANOTECHNOLOGY*, Volume: 15, Issue: 5, Pages: 893-909, PubMed ID: 30890222, ISSN: 1550-7033, eISSN: 1550-7041, 2019;
143. Moaca, E.A., Mihali, C.V., Macaso, I.G., Racoviceanu, R., Soica, C., Dehelean, C.A., Pacurariu, C., Florescu, S. Fe₃O₄@C Matrix with Tailorable Adsorption Capacities for Paracetamol and Acetylsalicylic Acid: Synthesis, Characterization, and Kinetic Modeling, *MOLECULES*, Volume: 24, Issue: 9, PubMed ID: 31058855, eISSN: 1420-3049, 2019;

144. Mos, D.C., Muntean, S., Anton, L.E. 3D numerical flow analysis of the non-uniformity induced by a reshaped geometry of the symmetrical suction elbow, *WASSERWIRTSCHAFT*, Volume: 109, Special Issue: 1, Pages: 77-82, ISSN: 0043-0978, eISSN: 2192-8762, 2019;
145. Moscovici, A.M., Vilceanu, C.B., Grecea, C., Herban, S. SPATIAL DATA GEOPORTAL FOR LOCAL ADMINISTRATION - SOLUTION FOR SMART CITIES, *JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY*, Volume: 20, Issue: 3, Pages: 1374-1383, ISSN: 1311-5065, 2019;
146. Moscovici, A.M., Paunescu, V., Salagean, T., Calin, M., Iliescu, A., Suba, E., Grecea, C., Manea, R. 3D CADASTRE: A SMART APPROACH FOR ROAD INFRASTRUCTURE, *AGROLIFE SCIENTIFIC JOURNAL*, Volume: 8, Issue: 1, Pages: 192-197, ISSN: 2285-5718, eISSN: 2286-0126, 2019;
147. Mosoarca, M., Onescu, I., Onescu, E., Azap, B., Chieffo, N., Szitar-Sirbu, M. Seismic vulnerability assessment for the historical areas of the Timisoara city, Romania, *ENGINEERING FAILURE ANALYSIS*, Volume: 101, Pages: 86-112, ISSN: 1350-6307, eISSN: 1873-1961, 2019;
148. Mosoarca, M., Keller, A.I., Bocan, C. Failure analysis of church towers and roof structures due to high wind velocities, *ENGINEERING FAILURE ANALYSIS*, Volume: 100, Pages: 76-87, ISSN: 1350-6307, eISSN: 1873-1961, 2019;
149. Mosoiu, C., Vlase, D., Vlase, G., Lazau, R., Vlase, T. TG-DTA and FTIR analyses of roman and later historic mortars from Drobeta-Turnu Severin region, *JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY*, Volume: 138, Issue: 3, Pages: 2159-2166, ISSN: 1388-6150, eISSN: 1588-2926, 2019;
150. Motoc, S., Cretu, C., Costisor, O., Baci, A., Manea, F., Szerb, E.I. Cu(II) Coordination Complex Precursor for Randomized CuO_x Microarray Loaded on Carbon Nanofiber with Excellent Electrocatalytic Performance for Electrochemical Glucose Detection, *SENSORS*, Volume: 19, Issue: 24, Article Number: 5353, PubMed ID: 31817245, eISSN: 1424-8220, 2019;
151. Motoc, S., Manea, F., Orha, C., Pop, A. Enhanced Electrochemical Response of Diclofenac at a Fullerene-Carbon Nanofiber Paste Electrode, *SENSORS*, Volume: 19, Issue: 6, Article Number: 1332, PubMed ID: 30884875, ISSN: 1424-8220, 2019;
152. Muntean, S., Marsavina, L., Hedes, A., Anton, L.E., Vlaicu, I. In situ investigations and failure analysis of the rainwater pumps installed in a wastewater treatment plant, *WASSERWIRTSCHAFT*, Volume: 109, Special Issue: 1, Pages: 42-47, ISSN: 0043-0978, eISSN: 2192-8762, 2019;
153. Muntean, S.G., Nistor, M.A., Ianos, R., Pacurariu, C., Capraru, A., Surdu, V.A. Combustion synthesis of Fe₃O₄/Ag/C nanocomposite and application for dyes removal from multicomponent systems, *APPLIED SURFACE SCIENCE*, Volume: 481, Pages: 825-837, ISSN: 0169-4332, eISSN: 1873-5584, 2019;
154. Nagy, R., Maruta, R.S., Hluscu, M., Menyhardt, K. Mechanical Assessment of Fuel Line Hoses under Variable Pressure, *MATERIALE PLASTICE*, Volume: 56, Issue: 2, Pages: 466-468, ISSN: 0025-5289, 2019;
155. Nedelcu, D., Cojocaru, V., Micu, L.M., Florea, D., Hluscu, M. Using of Polymers for Rapid Prototyping of an Axial Microturbine Runner and Wicked Gates, *MATERIALE PLASTICE*, Volume: 56, Issue: 2, Pages: 454-459, ISSN: 0025-5289, 2019;
156. Nichita, I., Lupa, L., Stoia, M., Dragan, E.S., Popa, A. Aminophosphonic groups grafted onto the structure of macroporous styrene-divinylbenzene copolymer: preparation and studies on the antimicrobial effect, *POLYMER BULLETIN*, Volume: 76, Issue: 9, Pages: 4539-4557, ISSN: 0170-0839, eISSN: 1436-2449, 2019;
157. Nicola, R., Costisor, O., Muntean, S.G., Nistor, M.A., Putz, A.M., Ianasi, C., Lazau, R., Almasy, L., Sacarescu, L. Mesoporous magnetic nanocomposites: a promising adsorbent for the removal of dyes from aqueous solutions, *JOURNAL OF POROUS MATERIALS*, Volume: 27, Issue: 2, Pages: 413-428, ISSN: 1380-2224, eISSN: 1573-4854, 2019;
158. Nicolae, A., Korodi, A., Silea, I. Identifying Data Dependencies as First Step to Obtain a Proactive Historian: Test Scenario in the Water Industry 4.0, *WATER*, Volume: 11, Issue: 6, ISSN: 2073-4441, 2019;
159. Nicolae, A., Korodi, A., Silea, I. An Overview of Industry 4.0 Development Directions in the Industrial Internet of Things Context, *ROMANIAN JOURNAL OF INFORMATION SCIENCE AND TECHNOLOGY*, Volume: 22, Issue: 3-4, Pages: 183-201, ISSN: 1453-8245, 2019;
160. Nita, L., Grozav, A., Rogobete, G. Natural and Anthropogenic Soil Acidification in the West of Romania, *REVISTA DE CHIMIE*, Volume: 70, Issue: 6, Pages: 2237-2240, ISSN: 0034-7752, 2019;
161. Nitu, S., Padure, M., Tamas, A., Rusnac, L.M. COMPARATIVE ANALYSIS OF WALNUTS AND PEANUTS OILS, *STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA*, Volume: 64, Issue: 3, Pages: 229-237, ISSN: 1224-7154, 2019;
162. Opris, C., Codrean, C., Buzdugan, D., Hididis, P. Copper Based Bulk Metallic Glasses for Medical Devices, *MATERIALE PLASTICE*, Volume: 56, Issue: 4, Pages: 700-704, ISSN: 0025-5289, 2019;

163. Pana, A., Baloi, A., Molnar-Matel, F. Data from numerical analysis, simulation and experimental determinations performed to verify the sizing of an unbalanced capacitive compensator for three-phase four-wires networks, *DATA IN BRIEF*, Volume: 25, Article Number: UNSP 104366, PubMed ID: 31485471, ISSN: 2352-3409, 2019;
164. Pana, A., Baloi, A., Molnar-Matei, F. Mathematical Explanations of a Paradox Observed in a HVAC (High Voltage Alternating Current) Untransposed Overhead Line, *ENERGIES*, Volume: 12, Issue: 4, Article Number: 734, ISSN: 1996-1073, 2019;
165. Pana, A.M., Dumitrel, G.A., Ordodi, L.V., Gherman, V., Rusu, G., Stanescu, A., Rusnac, L.M. PRELIMINARY STUDY ON POLYMER DEGRADATION USING AN AEROBIC REACTOR, *JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY*, Volume: 20, Issue: 4, Pages: 1951-1959, ISSN: 1311-5065, 2019;
166. Pana, A.M., Gherman, V., Sfirloaga, P., Rusu, G., Bandur, G., Popa, M., Rusnac, L.M., Dumitrel, G.A. Biodegradation studies on new glycopolymers derived from oligomeric D-mannose itaconates and 2-hydroxypropyl acrylate, *POLYMER DEGRADATION AND STABILITY*, Volume: 167, Pages: 210-216, ISSN: 0141-3910, eISSN: 1873-2321, 2019;
167. Panteli, S., Savva, I., Efstathiou, M., Vekas, L., Marinica, O.M., Krasia-Christoforou, T., Pashalidis, I. beta-ketoester-functionalized magnetoactive electrospun polymer fibers as Eu(III) adsorbents, *SN APPLIED SCIENCES*, Volume: 1, Issue: 1, Article Number: 30, ISSN: 2523-3963, eISSN: 2523-3971, 2019;
168. Patrinoiu, G., Dumitru, R., Culita, D.C., Munteanu, C., Birjega, R., Calderon-Moreno, J.M., Cucos, A., Pelinescu, D., Chifriuc, M.C., Bleotu, C., Carp, O. Self-assembled zinc oxide hierarchical structures with enhanced antibacterial properties from stacked chain-like zinc oxalate compounds, *JOURNAL OF COLLOID AND INTERFACE SCIENCE*, Volume: 552, Pages: 258-270, PubMed ID: 31129297, ISSN: 0021-9797, eISSN: 1095-7103, 2019;
169. Pausescu, I., Todea, A., Badea, V., Peter, F., Medeleanu, M., Ledeti, I., Vlase, G., Vlase, T. Optical and thermal properties of intelligent pH indicator films based on chitosan/PVA and a new xanthylum dye, *JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY*, Volume: 141, Issue: 3, Pages: 999-1008, ISSN: 1388-6150, eISSN: 1588-2926, 2019;
170. Petrosanu, D.M., Carutasu, G., Carutasu, N.L., Pirjan, A. A Review of the Recent Developments in Integrating Machine Learning Models with Sensor Devices in the Smart Buildings Sector with a View to Attaining Enhanced Sensing, Energy Efficiency, and Optimal Building Management, *ENERGIES*, Volume: 12, Issue: 24, Article Number: 4745, eISSN: 1996-1073, 2019;
171. Peyghami, S., Davari, P., Fotuhi-Firuzabad, M., Blaabjerg, F. Standard Test Systems for Modern Power System Analysis An Overview, *IEEE INDUSTRIAL ELECTRONICS MAGAZINE*, Volume: 13, Issue: 4, Pages: 86-105, ISSN: 1932-4529, eISSN: 1941-0115, 2019;
172. Pinca-Bretotean, C., Lemle, L.D., Szabo, A. Ecological Composites Materials for Brake Pads Using Shells as Filler Material, *MATERIALE PLASTICE*, Volume: 56, Issue: 3, Pages: 588-591, ISSN: 0025-5289, 2019;
173. Poletti, E., Vasconcelos, G., Branco, J.M., Isopescu, B. Effects of extreme environmental exposure conditions on the mechanical behaviour of traditional carpentry joints, *CONSTRUCTION AND BUILDING MATERIALS*, Volume: 213, Pages: 61-78, ISSN: 0950-0618, eISSN: 1879-0526, 2019;
174. Pop, C., Ene, R.D. Stability Problems and Analytical Integration for the Clebsch's System, *OPEN MATHEMATICS*, Volume: 17, Pages: 242-259, ISSN: 2391-5455, 2019;
175. Pop-Calimanu, I.M., Lica, S., Popescu, S., Lascu, D., Lie, I., Mirsu, R. A New Hybrid Inductor-Based Boost DC-DC Converter Suitable for Applications in Photovoltaic Systems, *ENERGIES*, Volume: 12, Issue: 2, Article Number: 252, ISSN: 1996-1073, 2019;
176. Popa, A., Faur, N., Hluscu, M., Belin, C. Evaluation of the Mechanical Properties of the Samples Made by FDM 3D Printing, *MATERIALE PLASTICE*, Volume: 56, Issue: 3, Pages: 500-504, ISSN: 0025-5289, 2019;
177. Popa, D.M. ENGINEERING RISK OF SERIES PRODUCTION IN AUTOMOTIVE INDUSTRY, *MANAGEMENT SYSTEMS IN PRODUCTION ENGINEERING*, Volume: 27, Issue: 1, Pages: 5-11, ISSN: 2299-0461, eISSN: 2450-5781, 2019;
178. Popa, G., Bratu, D.C., Bortun, M.C., Vinatu, V.F., Both, I., Simon, C.P., Pop, S.I., Podariu, A.C. Tensile and Shear Breaking Force of the Joints Between Stainless-Steel Orthodontic Bands and Buccal Tube Attachments Joined by Laser and TIG Welding Without Filler Material, *MATERIALE PLASTICE*, Volume: 56, Issue: 4, Pages: 693-699, ISSN: 0025-5289, 2019;

179. Popa, M., Glevitzky, I., Dumitrel, G.A., Glevitzky, M., Popa, D. IMPACT OF ENVIRONMENTAL FACTORS ON THE QUALITY OF SPRING WATER FROM ABRUD-CAMPENI AREA, ALBA COUNTY, ROMANIA, *AGROLIFE SCIENTIFIC JOURNAL*, Volume: 8, Issue: 1, Pages: 220-226, ISSN: 2285-5718, eISSN: 2286-0126, 2019;
180. Popa, S., Boran, S., Mosoarca, G., Vancea, C. HEAT TRANSFER INFLUENCE ON FRACTIONATION IN FLOODED PACKED COLUMNS, *STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA*, Volume: 64, Issue: 3, Pages: 143-152, ISSN: 1224-7154, 2019;
181. Radac, M.B., Lala, T. Learning Output Reference Model Tracking for Higher-Order Nonlinear Systems with Unknown Dynamics, *ALGORITHMS*, Volume: 12, Issue: 6, Article Number: 121, ISSN: 1999-4893, 2019;
182. Radac, M.B., Precup, R.E. Data-Driven Model-Free Tracking Reinforcement Learning Control with VRFT-based Adaptive Actor-Critic, *APPLIED SCIENCES-BASEL*, Volume: 9, Issue: 9, Article Number: 1807, eISSN: 2076-3417, 2019;
183. Rajak, D.K., Mahajan, N.N., Linul, E. Crashworthiness performance and microstructural characteristics of foam-filled thin-walled tubes under diverse strain rate, *JOURNAL OF ALLOYS AND COMPOUNDS*, Volume: 775, Pages: 675-689, ISSN: 0925-8388, eISSN: 1873-4669, 2019;
184. Rajak, D.K., Pagar, D.D., Menezes, P.L., Linul, E. Fiber-Reinforced Polymer Composites: Manufacturing, Properties, and Applications, *POLYMERS*, Volume: 11, Issue: 10, Article Number: 1667, PubMed ID: 31614875, eISSN: 2073-4360, 2019;
185. Ratiu, S.A., Zgaverdea, A.C. The Potential of Using Bio Plastic Materials in Automotive Applications, *MATERIALE PLASTICE*, Volume: 56, Issue: 4, Pages: 901-909, ISSN: 0025-5289, 2019;
186. Reisz, E., Tekle-Roettering, A., Naumov, S., Schmidt, W., Schmidt, T.C. Reaction of 1-propanol with Ozone in Aqueous Media, *INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES*, Volume: 20, Issue: 17, PubMed ID: 31454911, eISSN: 1422-0067, 2019;
187. Robu, A., Mironov, V., Neagu, A. Using Sacrificial Cell Spheroids for the Bioprinting of Perfusable 3D Tissue and Organ Constructs: A Computational Study, *COMPUTATIONAL AND MATHEMATICAL METHODS IN MEDICINE*, Article Number: 7853586, PubMed ID: 31236128, ISSN: 1748-670X, eISSN: 1748-6718, 2019;
188. Roman, R.C., Precup, R.E., Petriu, E.M., Dragan, F. Combination of Data-Driven Active Disturbance Rejection and Takagi-Sugeno Fuzzy Control with Experimental Validation on Tower Crane Systems, *ENERGIES*, Volume: 12, Issue: 8, Article Number: 1548, ISSN: 1996-1073, 2019;
189. Sarbu, I., Mirza, M., Crasmareanu, E. A review of modelling and optimisation techniques for district heating systems, *INTERNATIONAL JOURNAL OF ENERGY RESEARCH*, Volume: 43, Issue: 13, Pages: 6572-6598, ISSN: 0363-907X, eISSN: 1099-114X, 2019;
190. Sarbu, I., Dorca, A. Review on heat transfer analysis in thermal energy storage using latent heat storage systems and phase change materials, *INTERNATIONAL JOURNAL OF ENERGY RESEARCH*, Volume: 43, Issue: 1, Pages: 29-64, ISSN: 0363-907X, eISSN: 1099-114X, 2019;
191. Savu, I.D., Savu, S.V., Simion, D., Sirbu, N.A., Ciornei, M., Ratiu, S.A. PP in 3D Printing - Technical and Economic Aspects, *MATERIALE PLASTICE*, Volume: 56, Issue: 4, Pages: 931-936, ISSN: 0025-5289, 2019;
192. Scorza, D., Marsavina, L., Carpinteri, A., Ronchei, C., Vantadori, S. Size-effect independence of particleboard fracture toughness, *COMPOSITE STRUCTURES*, Volume: 229, Article Number: UNSP 111374, ISSN: 0263-8223, eISSN: 1879-1085, 2019;
193. Seclaman, E., Balacescu, L., Balacescu, O., Bejinar, C., Udrescu, M., Marian, C., Sirbu, I.O., Anghel, A. MicroRNAs mediate liver transcriptome changes upon soy diet intervention in mice, *JOURNAL OF CELLULAR AND MOLECULAR MEDICINE*, Volume: 23, Issue: 3, Pages: 2263-2267, PubMed ID: 30618122, eISSN: 1582-4934, 2019;
194. Serafim, V., Chirita-Emandi, A., Andreescu, N., Tiugan, D.A., Tutac, P., Paul, C., Velea, I., Mihailescu, A., Serban, C.L., Zimbru, C.G., Puiu, M., Niculescu, M.D. Single Nucleotide Polymorphisms in PEMT and MTHFR Genes are Associated with Omega 3 and 6 Fatty Acid Levels in the Red Blood Cells of Children with Obesity, *NUTRIENTS*, Volume: 11, Issue: 11, Article Number: 2600, PubMed ID: 31671528, eISSN: 2072-6643, 2019;
195. Serban, D.A., Marsavina, L., Rusu, L., Negru, R. Numerical study of the behavior of magnesium alloy AM50 in tensile and torsional loadings, *ARCHIVE OF APPLIED MECHANICS*, Volume: 89, Issue: 5, Special Issue: SI, Pages: 911-917, ISSN: 0939-1533, eISSN: 1432-0681, 2019;
196. Simo, A., Barbulescu, C., Kilyeni, S., Dragos, C. Manufacturing Process Monitoring in Terms of Energy Management Improving, *INTERNATIONAL JOURNAL OF COMPUTERS COMMUNICATIONS & CONTROL*, Volume: 14, Issue: 3, Pages: 388-400, ISSN: 1841-9836, eISSN: 1841-9844, 2019;

197. Sora, I., Chirila, C.B. Finding key classes in object-oriented software systems by techniques based on static analysis, *INFORMATION AND SOFTWARE TECHNOLOGY*, Volume: 116, Article Number: UNSP 106176, ISSN: 0950-5849, eISSN: 1873-6025, 2019;
198. Sorandaru, C., Musuroi, S., Frigura-Iliasa, F.M., Vatau, D., Dordescu, M. Analysis of the Wind System Operation in the Optimal Energetic Area at Variable Wind Speed over Time, *SUSTAINABILITY*, Volume: 11, Issue: 5, Article Number: 1249, ISSN: 2071-1050, 2019;
199. Stanescu, D., Stratulat, M., Negrea, R., Ghergulescu, I. Cover Processing-based Steganographic Model with Improved Security, *ACTA POLYTECHNICA HUNGARICA*, Volume: 16, Issue: 1, Pages: 227-246, ISSN: 1785-8860, 2019;
200. Stavi, I., Gusarov, Y., Halbac-Cotoara-Zamfir, R. Collapse and failure of ancient agricultural stone terraces: On-site geomorphic processes, pedogenic mechanisms, and soil quality, *GEODERMA*, Volume: 344, Pages: 144-152, ISSN: 0016-7061, eISSN: 1872-6259, 2019;
201. Stefanescu, M., Muntean, C., Berei, E., Vlase, T., Stefanescu, O. Preparation and characterization of CuCr2O4/SiO2 and Cu2Cr2O4/SiO2 nanocomposites obtained from carboxylate complex combinations, *JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY*, Volume: 138, Issue: 3, Pages: 1887-1894, ISSN: 1388-6150, eISSN: 1588-2926, 2019;
202. Stoia, D.I., Marsavina, L., Linul, E. Correlations between Process Parameters and Outcome Properties of Laser-Sintered Polyamide, *POLYMERS*, Volume: 11, Issue: 11, Article Number: 1850, PubMed ID: 31717539, eISSN: 2073-4360, 2019;
203. Stoia, D.I., Linul, E., Marsavina, L. Influence of Manufacturing Parameters on Mechanical Properties of Porous Materials by Selective Laser Sintering, *MATERIALS*, Volume: 12, Issue: 6, Article Number: 871, PubMed ID: 30875894, ISSN: 1996-1944, 2019;
204. Stoia, M., Pacurariu, C., Mihali, C., Malaescu, I., Marin, C.N., Capraru, A. Manganese ferrite-polyaniline hybrid materials: Electrical and magnetic properties, *CERAMICS INTERNATIONAL*, Volume: 45, Issue: 2, Special Issue: SI, Pages: 2725-2735, ISSN: 0272-8842, eISSN: 1873-3956, 2019;
205. Stroita, D.C., Manea, A.S., Cernescu, A. Blade Polymeric Material Study of a Cross-Flow Water Turbine Runner, *MATERIALE PLASTICE*, Volume: 56, Issue: 2, Pages: 366-369, ISSN: 0025-5289, 2019;
206. Szabo, R., Gontean, A. Sun Tracker Robotic Arm Optical Distance Measurement Evaluation at Different Positions Using Six Sigma Tools, *INFOCOMMUNICATIONS JOURNAL*, Volume: 11, Issue: 1, Pages: 54-60, ISSN: 2061-2079, eISSN: 2061-2125, 2019;
207. Tagne, R.F.T., Anagho, S.G., Ionel, I., Matiuti, A.C., Ungureanu, C.I. EXPERIMENTAL BIOGAS PRODUCTION FROM CAMEROON LIGNOCELLULOSIC WASTE BIOMASS, *JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY*, Volume: 20, Issue: 3, Pages: 1335-1344, ISSN: 1311-5065, 2019;
208. Tamas, A., Nitu, S. Aqueous Solutions of Polyethoxylated Fatty Alcohols Rheological behavior and superficial properties, *REVISTA DE CHIMIE*, Volume: 70, Issue: 2, Pages: 382-386, ISSN: 0034-7752, 2019;
209. Tamas, A., Boran, S. THE RHEOLOGICAL BEHAVIOR OF THE MIXTURES OF CASTOR OIL WITH ADIPIC ESTERS, *STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA*, Volume: 64, Issue: 1, Pages: 93-102, ISSN: 1224-7154, 2019;
210. Tanasa, C., Bosioc, A., Muntean, S., Susan-Resiga, R. A Novel Passive Method to Control the Swirling Flow with Vortex Rope from the Conical Diffuser of Hydraulic Turbines with Fixed Blades, *APPLIED SCIENCES-BASEL*, Volume: 9, Issue: 22, Article Number: 4910, eISSN: 2076-3417, 2019;
211. Taucean, I.M., Ivascu, L., Miclea, S., Negrut, M. Synergies between lean and sustainability: a literature review of concepts and tools, *QUALITY-ACCESS TO SUCCESS*, Volume: 20, Pages: 559-564, Supplement: 1, ISSN: 1582-2559, 2019;
212. Taucean, I.M., Tamasila, M., Ivascu, L., Miclea, S., Negrut, M. Integrating Sustainability and Lean: SLIM Method and Enterprise Game Proposed, *SUSTAINABILITY*, Volume: 11, Issue: 7, Article Number: 2103, ISSN: 2071-1050, 2019;
213. Tidrea, A., Korodi, A., Silea, I. Cryptographic Considerations for Automation and SCADA Systems Using Trusted Platform Modules, *SENSORS*, Volume: 19, Issue: 19, Article Number: 4191, PubMed ID: 31569636, eISSN: 1424-8220, 2019;
214. Timpea, S.A., Cosma, C., Sosdean, D. Touch Screen Tester Device End-Effector, *MATERIALE PLASTICE*, Volume: 56, Issue: 2, Pages: 445-448, ISSN: 0025-5289, 2019;
215. Tita, I.C., Lupa, L., Tita, B., Stan, R.L., Vicas, L. Compatibility Studies of Valsartan with Different Pharmaceutical Excipients, *REVISTA DE CHIMIE*, Volume: 70, Issue: 7, Pages: 2590-2600, ISSN: 0034-7752, 2019;

216. Todea, A., Bitcan, I., Aparaschivei, D., Pausescu, I., Badea, V., Peter, F., Gherman, V.D., Rusu, G., Nagy, L., Keki, S. Biodegradable Oligoesters of epsilon-Caprolactone and 5-Hydroxymethyl-2-Furancarboxylic Acid Synthesized by Immobilized Lipases, POLYMERS, Volume: 11, Issue: 9, Article Number: 1402, PubMed ID: 31455024, eISSN: 2073-4360, 2019;
217. Toma, P.D., Tokar, A., Toropoc, M.S. Modelling and Simulation Eutrophication of Water Rivers, REVISTA DE CHIMIE, Volume: 70, Issue: 8, Pages: 2912-2916, ISSN: 0034-7752, 2019;
218. Ursu, D., Vajda, M., Miclau, M. Investigation of the p-type dye-sensitized solar cell based on full Cu₂O electrodes, JOURNAL OF ALLOYS AND COMPOUNDS, Volume: 802, Pages: 86-92, ISSN: 0925-8388, eISSN: 1873-4669, 2019;
219. Ursu, D., Vajda, M., Miclau, M. Hydrothermal synthesis of 3D hierarchical flower-like CuGaO₂ with high surface area for dye-sensitized solar cell, MICRO & NANO LETTERS, Volume: 14, Issue: 8, Pages: 872-876, eISSN: 1750-0443, 2019;
220. Utu, I.D., Mitelea, I., Bordeasu, I., Bena, T. Investigations Concerning the Corrosion and Ultrasonic Cavitation Erosion of 316L Coatings Deposited HVOF on Nodular Cast Iron, REVISTA DE CHIMIE, Volume: 70, Issue: 5, Pages: 1625-1631, ISSN: 0034-7752, 2019;
221. Vacheva, G., Hinov, N., Kanchev, H., Stanev, R., Cornea, O. Energy Flows Management of Multiple Electric Vehicles in Smart Grid, ELEKTRONIKA IR ELEKTROTEHNIKA, Volume: 25, Issue: 1, Pages: 14-17, ISSN: 1392-1215, 2019;
222. Valean, P.C., Kazamer, N., Pascal, D.T., Muntean, R., Baranyi, I., Marginean, G., Serban, V.A. Characteristics of Thermally Sprayed NiCrBSi Coatings before and after Electromagnetic Induction Remelting Process, ACTA POLYTECHNICA HUNGARICA, Volume: 16, Issue: 3, Pages: 7-18, ISSN: 1785-8860, 2019;
223. Vares, S., Hradil, P., Sansom, M., Ungureanu, V. Economic potential and environmental impacts of reused steel structures, STRUCTURE AND INFRASTRUCTURE ENGINEERING, Volume: 16, Issue: 4, Special Issue: SI, Pages: 750-761, ISSN: 1573-2479, eISSN: 1744-8980, 2019;
224. Vasilescu, C., Todea, A., Nan, A., Circu, M., Turcu, R., Benea, I.C., Peter, F. Enzymatic synthesis of short-chain flavor esters from natural sources using tailored magnetic biocatalysts, FOOD CHEMISTRY, Volume: 296, Pages: 1-8, PubMed ID: 31202292, ISSN: 0308-8146, eISSN: 1873-7072, 2019;
225. Vasilescu, M.D. Influence of Constructive and Technological Parameters at Generated Spiral Parts with DLP 3D Printing Process, MATERIALE PLASTICE, Volume: 56, Issue: 4, Pages: 801-811, ISSN: 0025-5289, 2019;
226. Vasilescu, M.D. Constructiv and Technological Consideration on the Generation of Gear Made by the DLP 3D-Printed Methode, MATERIALE PLASTICE, Volume: 56, Issue: 2, Pages: 440-444, ISSN: 0025-5289, 2019;
227. Vaszilcsin, N., Duca, D.A., Flueraș, A., Dan, M.L. EXPIRED DRUGS AS INHIBITORS IN ELECTROCHEMICAL PROCESSES - A MINI-REVIEW, STUDIA UNIVERSITATIS BABES-BOLYAI CHEMIA, Volume: 64, Issue: 3, Pages: 17-32, ISSN: 1224-7154, 2019;
228. Venturini, A.B., Assumpcao, T.H., Popescu, I., Jonoski, A., Solomatine, D.P. Modelling support to citizen observatories for strategic Danube Delta planning: Sontea-Fortuna case study, JOURNAL OF ENVIRONMENTAL PLANNING AND MANAGEMENT, Volume: 62, Issue: 11, Pages: 1972-1989, ISSN: 0964-0568, eISSN: 1360-0559, 2019;
229. Vintila, T., Ionel, I., Fregue, T.T.R., Wachter, A.R., Julean, C., Gabche, A.S. Residual Biomass from Food Processing Industry in Cameroon as Feedstock for Second-generation Biofuels, BIORESOURCES, Volume: 14, Issue: 2, Pages: 3731-3745, ISSN: 1930-2126, 2019;
230. Vlase, D., Rogozea, O., Mosoiu, C., Vlase, G., Lazau, R., Vlase, T. Thermoanalytical investigations of some ceramics dated from the Neolithic period, discovered at Oxenbrickel, Sanandrei, Romania, JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, Volume: 138, Issue: 3, Pages: 2145-2157, ISSN: 1388-6150, eISSN: 1588-2926, 2019;
231. Voda, M., Codrean, C., Chicot, D., Serban, V.A., Utu, D., Linul, E., Buzdugan, D. Characterization of brazed joints by electrical resistance spot brazing with Ni-based amorphous self-flux alloys, JOURNAL OF MANUFACTURING PROCESSES, Volume: 37, Pages: 617-627, ISSN: 1526-6125, 2019;
232. Voda, M., Pertuz-Comas, A., Serban, V.A. Correlation between mass loss on the cavitation erosion and the fatigue stress level for a martensitic stainless steel, UIS INGENIERIAS, Volume: 18, Issue: 1, Pages: 11-19, ISSN: 1657-4583, 2019;
233. Vujic, B.B., Marceta, U.V., Popescu, F., Tot, B.I. AIR QUALITY MONITORING AND MODELING NEAR COAL FIRED POWER PLANT, THERMAL SCIENCE, Volume: 23, Issue: 6, Pages: 4055-4065, ISSN: 0354-9836, eISSN: 2334-7163, 2019;

234. Xiao, D., Heaney, C.E., Fang, F., Mottet, L., Hu, R., Bistran, D.A., Aristodemou, E., Navon, I.M., Pain, C.C. A domain decomposition non-intrusive reduced order model for turbulent flows, *COMPUTERS & FLUIDS*, Volume: 182, Pages: 15-27, ISSN: 0045-7930, eISSN: 1879-0747, 2019;
235. Zamfira, A., Fat, R., Cenan, C. APPLYING SEMANTIC WEB TECHNOLOGIES TO DISCOVER AN ONTOLOGY OF COMPUTER ATTACKS, *SCALABLE COMPUTING-PRACTICE AND EXPERIENCE*, Volume: 20, Issue: 4, Special Issue: SI, Pages: 699-707, ISSN: 1895-1767, 2019;
236. Zamfira, A., Ciocarlie, H. INFERENCE SYSTEM TO ACHIEVE SATURATION OF (F, R, N) KNOWLEDGE BASES, *ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING*, Volume: 62, Issue: 3, ISSN: 1221-5872, 2019.

* The data was obtained from Web of Science - Clarivate Analytics in 22 June 2020