

No	ARTICLE OR REVIEW	2022 Impact Factor	2022 Quartile
1.	Ahmed, S.E., Dabaghian, P.H., San, O., Bistran, D.A., Navon, I.M. Dynamic mode decomposition with core sketch, PHYSICS OF FLUIDS, Volume: 34, Issue: 6, Article Number: 066603, ISSN: 1070-6631, eISSN: 1089-7666, 2022;	4.6	Q1
2.	Ailinei, I.I., Galatanu, S.V., Marsavina, L. Influence of anisotropy on the cold bending of S600MC sheet metal, ENGINEERING FAILURE ANALYSIS, Volume: 137, Article Number: 106206, ISSN: 1350-6307, eISSN: 1873-1961, 2022;	4	Q1
3.	Albulescu, C.T. Health Care Expenditure in the European Union Countries: New Insights about the Convergence Process, INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH, Volume: 19, Issue: 4, Article Number: 1991, PubMed ID: 35206178, eISSN: 1660-4601, 2022;	2.468	Q1
4.	Albulescu, C.T., Boatca-Barabas, M.E., Diaconescu, A. The asymmetric effect of environmental policy stringency on CO2 emissions in OECD countries, ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, Volume: 29, Issue: 18, Pages: 27311-27327, PubMed ID: 34981390, ISSN: 0944-1344, eISSN: 1614-7499, 2022;	5.8	Q1
5.	Artene, A.E., Cioca, L.I., Domil, A.E., Ivascu, L., Burca, V., Bogdan, O. The Macroeconomic Implications of the Transition of the Forestry Industry towards Bioeconomy, FORESTS, Volume: 13, Issue: 11, Article Number: 1961, eISSN: 1999-4907, 2022;	2.9	Q1
6.	Barbulescu, G.I., Bojin, F.M., Ordodi, V.L., Goje, I.D., Barbulescu, A.S., Paunescu, V. Decellularized Extracellular Matrix Scaffolds for Cardiovascular Tissue Engineering: Current Techniques and Challenges, INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, Volume: 23, Issue: 21, Article Number: 13040, PubMed ID: 36361824, eISSN: 1422-0067, 2022;	5.6	Q1
7.	Benis, A., Grosjean, J., Billey, K., Montanha, G., Dornauer, V., Crisan-Vida, M., Hackl, W.O., Stoicu-Tivadar, L., Darmoni, S.J. Medical informatics and digital health multilingual ontology (MIMO): A tool to improve international collaborations, INTERNATIONAL JOURNAL OF MEDICAL INFORMATICS, Volume: 167, Article Number: 104860, PubMed ID: 36084537, ISSN: 1386-5056, eISSN: 1872-8243, 2022;	4.9	Q1
8.	Bernad, S.I., Socoliuc, V., Susan-Resiga, D., Craciunescu, I., Turcu, R., Tombacz, E., Vekas, L., Ioncica, M.C., Bernad, E.S. Magneto-responsive Functionalized Nanocomposite Aggregation Kinetics and Chain Formation at the Targeted Site during Magnetic Targeting, PHARMACEUTICS, Volume: 14, Issue: 9, Article Number: 1923, PubMed ID: 36145671, eISSN: 1999-4923, 2022;	5.4	Q1
9.	Binzar, T. Almost strongly fuzzy bounded operators with applications to fuzzy spectral theory, FUZZY SETS AND SYSTEMS, Volume: 444, Special Issue: SI, Pages: 131-143, ISSN: 0165-0114, eISSN: 1872-6801, 2022;	3.9	Q1
10.	Boldea, I., Tutelea, L.N., Popa, A.A. Claw Pole Synchronous Motors/Generators (CP-SMs/Gs) Design and Control: Recent Progress, IEEE JOURNAL OF EMERGING AND SELECTED TOPICS IN POWER ELECTRONICS, Volume: 10, Issue: 4, Pages: 4556-4564, ISSN: 2168-6777, eISSN: 2168-6785, 2022;	5.5	Q1
11.	Boldea, I., Tutelea, L.N., Popa, A.A. Reluctance Synchronous and Flux-Modulation Machines Designs: Recent Progress, IEEE JOURNAL OF EMERGING AND SELECTED TOPICS IN POWER ELECTRONICS, Volume: 10, Issue: 2, Pages: 1683-1702, ISSN: 2168-6777, eISSN: 2168-6785, 2022;	5.5	Q1
12.	Bolocan, V., Valsan, D., Ercuta, A., Craciunescu, C.M. Actuating Bimorph Microstructures with Magnetron-Sputtered Ti-Ni-Cu Shape Memory Alloy Films, NANOMATERIALS, Volume: 12, Issue: 23, Article Number: 4207, PubMed ID: 36500830, eISSN: 2079-4991, 2022;	5.3	Q1
13.	Bordeasu, D., Prostean, O., Filip, I., Dragan, F., Vasar, C. Modelling, Simulation and Controlling of a Multi-Pump System with Water Storage Powered by a Fluctuating and Intermittent Power Source, MATHEMATICS, Volume: 10, Issue: 21, Article Number: 4019, eISSN: 2227-7390, 2022;	2.4	Q1
14.	Borkowski, L., Grudziecki, J., Kotelko, M., Ungureanu, V., Dubina, D. Ultimate and post-ultimate behaviour of thin-walled cold-formed steel open-section members under eccentric compression. Part II: Experimental study, THIN-WALLED STRUCTURES, Volume: 171, Article Number: 108802, ISSN: 0263-8231, eISSN: 1879-3223, 2022;	6.4	Q1
15.	Cadariu, L., Manolescu, L. Fixed points and the stability of the linear functional equations in a single variable, CARPATHIAN JOURNAL OF MATHEMATICS, Volume: 38, Issue: 3, Pages: 769-776, ISSN: 1584-2851, eISSN: 1843-4401, 2022;	1.4	Q1
16.	Chieffo, N., Formisano, A., Landolfo, R., Milani, G. A vulnerability index based-approach for the historical centre of the city of Latronico (Potenza, Southern Italy), ENGINEERING FAILURE ANALYSIS, Volume: 136, Article Number: 106207, ISSN: 1350-6307, eISSN: 1873-1961, 2022;	4	Q1
17.	Ciopec, M., Grad, O., Negrea, A., Duteanu, N., Negrea, P., Voda, R., Ianasi, C. Highly Efficient Recovery of Ruthenium from Aqueous Solutions by Adsorption Using Dibenzo-30-Crown-10 Doped Chitosan, POLYMERS, Volume: 14, Issue: 8, Article Number: 1551, PubMed ID: 35458298, eISSN: 2073-4360, 2022;	5	Q1
18.	Cocheci, L., Lupa, L., Tolea, N.S., Lazau, R., Pode, R. IL-Functionalized Mg3Al-LDH as New Efficient Adsorbent for Pd Recovery from Aqueous Solutions, INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, Volume: 23, Issue: 16, Article Number: 9107, PubMed ID: 36012371, eISSN: 1422-0067, 2022;	5.6	Q1
19.	Csereoka, P., Roman, B.I., Micea, M.V., Popa, C.A. Novel Reinforcement Learning Research Platform for Role-Playing Games, MATHEMATICS, Volume: 10, Issue: 22, Article Number: 4363, eISSN: 2227-7390, 2022;	2.4	Q1
20.	Curiac, C.D., Doli, A., Curiac, D.I. Co-Occurrence-Based Double Thresholding Method for Research Topic Identification, MATHEMATICS, Volume: 10, Issue: 17, Article Number: 3115, eISSN: 2227-7390, 2022;	2.4	Q1
21.	Curiac, C.D., Baniac, O., Micea, M. Evaluating Research Trends from Journal Paper Metadata, Considering the Research Publication Latency, MATHEMATICS, Volume: 10, Issue: 2, Article Number: 233, eISSN: 2227-7390, 2022;	2.4	Q1
22.	Cveticanin, L., Herisanu, N., Ninkov, I., Jovanovic, M. New Closed-Form Solution for Quadratic Damped and Forced Nonlinear Oscillator with Position-Dependent Mass: Application in Grafted Skin Modeling, MATHEMATICS, Volume: 10, Issue: 15, Article Number: 2706, eISSN: 2227-7390, 2022;	2.4	Q1
23.	Daianu, D.M. Samples of Homogeneous Functions, RESULTS IN MATHEMATICS, Volume: 77, Issue: 2, Article Number: 78, ISSN: 1422-6383, eISSN: 1420-9012, 2022;	2.2	Q1
24.	Daminescu, D., Duteanu, N., Ciopec, M., Negrea, A., Negrea, P., Nemes, N.S., Berbecea, A., Dobra, G., Iliev, S., Cotet, L., Boiangiu, A., Filipescu, L. Scandium Recovery from Aqueous Solution by Adsorption Processes in Low-Temperature-Activated Alumina Products, INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, Volume: 23, Issue: 17, Article Number: 10142, PubMed ID: 36077540, eISSN: 1422-0067, 2022;	5.6	Q1
25.	Dar, A.A., Hameed, J., Huo, C.H., Sarfraz, M., Albasher, G., Wang, C.Y., Nawaz, A. Recent optimization and panelizing measures for green energy projects; insights into CO2 emission influencing to circular economy, FUEL, Volume: 314, Article Number: 123094, ISSN: 0016-2361, eISSN: 1873-7153, 2022;	7.4	Q1

26.	Dragomir, C., Popescu, R., Jurca, M.A., Laza, R., Florian, R.I., Dragomir, I., Negrea, R., Craina, M., Dehelean, C.A. Postpartum Maternal Emotional Disorders and the Physical Health of Mother and Child, PSYCHOLOGY RESEARCH AND BEHAVIOR MANAGEMENT, Volume: 15, Pages: 2927-2940, PubMed ID: 36237373, ISSN: 1179-1578, 2022;	4.3	Q1
27.	Ene, R.D., Pop, N., Lapadat, M., Dungan, L. Approximate Closed-Form Solutions for the Maxwell-Bloch Equations via the Optimal Homotopy Asymptotic Method, MATHEMATICS, Volume: 10, Issue: 21, Article Number: 4118, eISSN: 2227-7390, 2022;	2.4	Q1
28.	Epee, M.D.E., Motapon, O., Pop, N., Iacob, F., Roueff, E., Schneider, I.F., Mezei, J.Z. Dissociative recombination and rotational transitions of D-2(+) in collisions with slow electrons, MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, Volume: 512, Issue: 1, Pages: 424-429, ISSN: 0035-8711, eISSN: 1365-2966, 2022;	4.8	Q1
29.	Filimon, A., Dobos, A.M., Dumbrava, O., Doroftei, F., Lupa, L. Green Blends Based on Ionic Liquids with Improved Performance for Membrane Technology: Perspectives for Environmental Applications, INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, Volume: 23, Issue: 14, Article Number: 7961, PubMed ID: 35887303, eISSN: 1422-0067, 2022;	5.6	Q1
30.	Frent, O., Vicas, L., Duteanu, N., Morgovan, C., Jurca, T., Pallag, A., Muresan, M., Filip, S., Lucaciu, R.L., Marian, E. Sodium Alginate-Natural Microencapsulation Material of Polymeric Microparticles, INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, Volume: 23, Issue: 20, Article Number: 12108, PubMed ID: 36292962, eISSN: 1422-0067, 2022;	5.6	Q1
31.	Frent, O.D., Duteanu, N., Teusdea, A.C., Ciocan, S., Vicas, L., Jurca, T., Muresan, M., Pallag, A., Ianasi, P., Marian, E. Preparation and Characterization of Chitosan-Alginate Microspheres Loaded with Quercetin, POLYMERS, Volume: 14, Issue: 3, Article Number: 490, PubMed ID: 35160478, eISSN: 2073-4360, 2022;	5	Q1
32.	Gavruta, P., Manolescu, L. New classes of Picard operators, JOURNAL OF FIXED POINT THEORY AND APPLICATIONS, Volume: 24, Issue: 3, Article Number: 56, ISSN: 1661-7738, eISSN: 1661-7746, 2022;	1.8	Q1
33.	Gherhes, V., Farcasiu, M.A., Para, I. Environmental Problems: An Analysis of Students' Perceptions Towards Selective Waste Collection, FRONTIERS IN PSYCHOLOGY, Volume: 12, Article Number: 803211, PubMed ID: 35126253, ISSN: 1664-1078, 2022;	3.8	Q1
34.	Hadaruga, N.G., Chirila, C.A., Szakal, R.N., Galan, I.M., Simandi, M.D., Bujanca, G.S., David, I., Ravis, A., Stanciu, S.M., Hadaruga, D.I. FTIR-PCA Approach on Raw and Thermally Processed Chicken Lipids Stabilized by Nano-Encapsulation in beta-Cyclodextrin, FOODS, Volume: 11, Issue: 22, Article Number: 3632, PubMed ID: 36429225, eISSN: 2304-8158, 2022;	5.2	Q1
35.	Halbac-Cotoara-Zamfir, R., Polinesi, G., Chelli, F., Salvati, L., Bianchini, L., Marucci, A., Colantoni, A. Found in Complexity, Lost in Fragmentation: Putting Soil Degradation in a Landscape Ecology Perspective, INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH, Volume: 19, Issue: 5, Article Number: 2710, PubMed ID: 35270402, eISSN: 1660-4601, 2022;	2.468	Q1
36.	Heinosaari, T., Jivulescu, M.A., Nechita, I. Order preserving maps on quantum measurements, QUANTUM, Volume: 6, ISSN: 2521-327X, 2022;	6.4	Q1
37.	Herisanu, N., Marinca, B., Marinca, V. Dynamics of the Vibro-Impact Nonlinear Damped and Forced Oscillator under the Influence of the Electromagnetic Actuation, MATHEMATICS, Volume: 10, Issue: 18, Article Number: 3301, eISSN: 2227-7390, 2022;	2.4	Q1
38.	Ianos, R., Rus, I., Lazau, R., Pacurariu, C. Near-infrared reflective Ni, La-doped hibonite pigments for cool blue coatings, CERAMICS INTERNATIONAL, Volume: 48, Issue: 23, Pages: 34428-34436, ISSN: 0272-8842, eISSN: 1873-3956, 2022;	5.2	Q1
39.	Ienascu, I.M.C., Cata, A., Stefanut, M.N., Popescu, I., Rusu, G., Sfirloaga, P., Ursu, D., Mosoarca, C., Dabici, A., Danciu, C., Muntean, D., Pop, R. Novel Chloro-Substituted Salicylanilide Derivatives and Their beta-Cyclodextrin Complexes: Synthesis, Characterization, and Antibacterial Activity, BIOMEDICINES, Volume: 10, Issue: 7, Article Number: 1740, PubMed ID: 35885043, eISSN: 2227-9059, 2022;	4.7	Q1
40.	Ionel, R., Matiu-lovan, L. Flying probe measurement accuracy improvement by external LCR integration, MEASUREMENT, Volume: 190, Article Number: 110703, ISSN: 0263-2241, eISSN: 1873-412X, 2022;	5.6	Q1
41.	Ivascu, L., Arulanandam, B.V., Artene, A., Selvarajah, P., Ching, L.F., Ragunathan, C.D. Tertiary students maintaining control over depression, anxiety, and stress during the pandemic-An emerging market perspective, FRONTIERS IN PSYCHOLOGY, Volume: 13, Article Number: 990192, PubMed ID: 36248466, ISSN: 1664-1078, 2022;	3.8	Q1
42.	Ivascu, L., Domil, A., Sarfraz, M., Bogdan, O., Burca, V., Pavel, C. New insights into corporate sustainability, environmental management and corporate financial performance in European Union: an application of VAR and Granger causality approach, ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, Volume: 29, Issue: 55, Pages: 82827-82843, PubMed ID: 35754081, ISSN: 0944-1344, eISSN: 1614-7499, 2022;	5.8	Q1
43.	Ivascu, L., Pavel, C.D., Sarfraz, M., Arulanandam, B.V., Tan, H.Y. An Exploratory Study on Corporate Governance From Neuro-Governance Lenses in the Malaysian Context, FRONTIERS IN PSYCHOLOGY, Volume: 13, Article Number: 911907, PubMed ID: 35783779, ISSN: 1664-1078, 2022;	3.8	Q1
44.	Ivascu, L., Domil, A.E., Artene, A.E., Bogdan, O., Burca, V., Pavel, C. Psychological and Behavior Changes of Consumer Preferences During COVID-19 Pandemic Times: An Application of GLM Regression Model, FRONTIERS IN PSYCHOLOGY, Volume: 13, Article Number: 879368, PubMed ID: 35572289, ISSN: 1664-1078, 2022;	3.8	Q1
45.	Jichici, C., Groza, B., Ragobete, R., Murvay, P.S., Andreica, T. Effective Intrusion Detection and Prevention for the Commercial Vehicle SAE J1939 CAN Bus, IEEE TRANSACTIONS ON INTELLIGENT TRANSPORTATION SYSTEMS, Volume: 23, Issue: 10, Pages: 17425-17439, ISSN: 1524-9050, eISSN: 1558-0016, 2022;	8.5	Q1
46.	Kantor, I., Dreava, D., Todea, A., Peter, F., May, Z., Biro, E., Babos, G., Feczko, T. Co-Entrapment of Sorafenib and Cisplatin Drugs and iRGD Tumour Homing Peptide by Poly[epsilon-caprolactone-co-(12-hydroxystearate)] Copolymer, BIOMEDICINES, Volume: 10, Issue: 1, Article Number: 43, PubMed ID: 35052723, eISSN: 2227-9059, 2022;	4.7	Q1
47.	Laedre, S., Craciunescu, C.M., Khoza, T., Vaszilcsin, N., Kellenberger, A., Bolocan, V., Mitelea, I., Ercuta, A. Issues regarding bipolar plate-gas diffusion layer interfacial contact resistance determination, JOURNAL OF POWER SOURCES, Volume: 530, Article Number: 231275, ISSN: 0378-7753, eISSN: 1873-2755, 2022;	9.2	Q1
48.	Lazau, R., Ianos, R., Pacurariu, C., Capraru, A. Comparative study on SrAl2O4 formation using different approaches, CERAMICS INTERNATIONAL, Volume: 48, Issue: 9, Pages: 13271-13276, ISSN: 0272-8842, eISSN: 1873-3956, 2022;	5.2	Q1
49.	Liao, K.J., Xu, W., Bai, L.L., Gong, Y.F., Ismail, M.M., Boldea, I. Improved Position Sensorless Piston Stroke Control Method for Linear Oscillatory Machine via an Hybrid Terminal Sliding-Mode Observer, IEEE TRANSACTIONS ON POWER ELECTRONICS, Volume: 37, Issue: 12, Pages: 14186-14197, ISSN: 0885-8993, eISSN: 1941-0107, 2022;	6.7	Q1
50.	Lugoian, S., Ciurdariu, L., Grecu, E. Another Case of Degenerated Discrete Chenciner Dynamic System and Economics, MATHEMATICS, Volume: 10, Issue: 20, Article Number: 3782, eISSN: 2227-7390, 2022;	2.4	Q1
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52.	Lupa, N., Popescu, L.H. Generalized exponential behavior on the half-line via evolution semigroups, CARPATHIAN JOURNAL OF MATHEMATICS, Volume: 38, Issue: 3, Pages: 691-705, ISSN: 1584-2851, eISSN: 1843-4401, 2022;	1.4	Q1

53.	Mahadevaswamy, M., Paniyadi, S.R., Lakshmiathan, A., Swamirayachar, S.A., Chandrashekarappa, M.P.G., Giasin, K., Shivaraju, V.K., Chougala, M.B., Linul, E. Plant-mediated synthesis of NiO(II) from Lantana camara flowers: a study of photo-catalytic, electrochemical, and biological activities, JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T, Volume: 19, Pages: 4543-4556, ISSN: 2238-7854, eISSN: 2214-0697, 2022;	6.4	Q1
54.	Marganovici, M., Maranescu, B., Visa, A., Lupa, L., Hulka, I., Chiriac, V., Ilia, G. Hybrid Coordination Networks for Removal of Pollutants from Wastewater, INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, Volume: 23, Issue: 20, Article Number: 12611, PubMed ID: 36293470, eISSN: 1422-0067, 2022;	5.6	Q1
55.	Marinca, V., Ene, R.D., Marinca, B. OPTIMAL HOMOTOPY PERTURBATION METHOD FOR NONLINEAR PROBLEMS WITH APPLICATIONS, APPLIED AND COMPUTATIONAL MATHEMATICS, Volume: 21, Issue: 2, Pages: 123-136, ISSN: 1683-3511, eISSN: 1683-6154, 2022;	10	Q1
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57.	Matusoiu, F., Negrea, A., Nemes, N.S., Ianasi, C., Ciopec, M., Negrea, P., Duteanu, N., Ianasi, P., Duda-Seiman, D., Muntean, D. Antimicrobial Perspectives of Active SiO ₂ FexOy/ZnO Composites, PHARMACEUTICS, Volume: 14, Issue: 10, Article Number: 2063, PubMed ID: 36297497, eISSN: 1999-4923, 2022;	5.4	Q1
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59.	Merghes, P., Ilia, G., Hulka, I., Chiriac, V., Varan, N., Simulescu, V. The Influence of Boron on the Structure and Properties of Hybrid Compounds Containing Zirconium and Phosphorus, GELS, Volume: 8, Issue: 10, Article Number: 667, PubMed ID: 36286168, eISSN: 2310-2861, 2022;	4.6	Q1
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63.	Mocuta, D.E., Miron, M.I., Lungeanu, D., Mateas, M., Ogodescu, E., Todea, C.D. Laser Er:YAG-Assisted Debonding May Be a Viable Alternative to the Conventional Method for Monocrystalline Ceramic Brackets, INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH, Volume: 19, Issue: 21, Article Number: 14564, PubMed ID: 36361441, eISSN: 1660-4601, 2022;	2.468	Q1
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65.	Mosoarca, G., Vancea, C., Popa, S., Dan, M., Boran, S. Crystal Violet Adsorption on Eco-Friendly Lignocellulosic Material Obtained from Motherwort (Leonurus cardiaca L.) Biomass, POLYMERS, Volume: 14, Issue: 18, Article Number: 3825, PubMed ID: 36145969, eISSN: 2073-4360, 2022;	5	Q1
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