naimUniversiteti i Prishtinës 

“Hasan Prishtina”

*UNIVERSITAS STUDIORUM PRISHTINIENSIS*

**Rr. Xhorxh Bush, Ndërtesa e Rektoratit, 10 000 Prishtinë, Republika e Kosovës**

 Tel: +381 38 244 183, E-mail: rektorati@uni-pr.edu, www.uni-pr.edu



**Universiteti i Prishtinës “Hasan Prishtina”**

**Fakulteti i Shkencave Matematike Natyrore**

Lista e publikimeve shkencore të financuara nga Universiteti i Prishtinës 2023/2024

List of financed scientific publications from the University of Prishtina 2023/2024

**Web of Science & Scopus**

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| ***Nr.*** | ***Kodi*** | ***Aplikuesi*** | ***Autoret/punimi/DOI*** | ***Indeksimi*** |
| **1**  | **4** | Avni BerishaUP | **Berisha. A**(2023)Unraveling the electronic influence and nature of covalent bonding of aryl and alkyl radicals on the B12N12 nanocage cluster**Scientific Reports**DOI: https://doi.org/10.1038/s41598-023-28055-8 | WoS (SCIE) |
| **2** | **21** | Naim BrahaUP | **Braha. N** (2022)Some Properties of Kantorovich Variant of Chlodowsky-SZ\_ASZ Operators Induced by Boas-Buck Type Polynomial**Math. Slovaca**DOI: 10.1515/ms-2022-0029 | WoS (SCIE) |
| **3** | **22** | Naim BrahaUP | **Braha. N** (2022)A new weighted statistical convergence and some associated approximation theorems**Math Meth Appl Sci.**DOI: 10.1002/mma.8134 | WoS (SCIE) |
| **4** | **28** | Liridon BerishaUP | **Berisha. L** (2022)Flow injection analysis of ranitidine based on derivatization reaction producing 2-Methylfuran cation as a sensitive and selective amperometric detector**ELECTROANALYSIS**DOI: https://doi.org/10.1002/ELAN.202200318 | WoS (SCIE) |
| **5** | **36** | Albana Kashtanjeva – BytyçiUP |  **Bytyçi- Kashtanjeva. A** (2023)Assessment of Physico-Chemical, Microbiological Parameters and Diatom Algae of Badovc Lake, Kosovo**Polish Journal of Environmental Studies**DOI: https://doi.org/10.15244/pjoes/159122 | WoS (SCIE) |
| **6** | **71** | Shukri KlinakuUP | **Klinaku. Sh** (2023)The “triplet paradox” overthrows the “twin paradox”**RESULTS IN PHYSICS**DOI: 10.1016/j.rinp.2023.106476 | WoS (SCIE) |
| **7** | **89** | Naim BrahaUP | **Braha. N** (2022)(n,k)–QUASI CLASS Q AND (n,k)–QUASI CLASS Q∗ WEIGHTED COMPOSITION OPERATORS**Operators and Matrices**DOI: 10.7153/oam-2022-16-15 | WoS (SCIE) |
| **8** | **105** | Bekim GashiUP | **Gashi. B** (2023)"Acquisition of freezing tolerance of resurrection species from Gesneriaceae, a comparative study"**Plants**DOI: https://doi.org/10.3390/plants12091893 | WoS (SCIE) |
| **9** | **126** | Tahir ArbneshiUP | **Arbneshi. T** (2022)Densities and Sound Speeds of Ternary Mixtures Methyl tert-Butyl Ether + Toluene + n‐Hexane (or Cyclohexane) and Their Binary Subsystems at a Temperature of 298.15 K and under Ambient Pressure**Journal of Chemical and Engineering Data**DOI: 10.1021/acs.jced.2c00093 | WoS (SCIE) |
| **10** | **130** | Majlinda Daci AjvaziUP | **Ajvazi Daci. M** (2023)Radical Scavenging, Antioxidant and Antimicrobial Activity of Paeonia peregrina Mill., Paeonia mascula (L.) Mill. And Paeonia officinalis (L.)**Iranian Journal of Chemistry and Chemical Engineering**DOI:  10.30492/IJCCE.2023.1978423.5755 | WoS (SCIE) |
| **11** | **131** | Skender DemakuUP | **Demaku. S** (2023)The ecological risk of contamination with toxic metals in soils around the trepça complex, the kosovo thermal power plants, and a new co ferronickeli complex**Environment Protection Engineering**DOI: 10.37190/ e pe 230201  | WoS (SCIE) |
| **12** | **139** | Albert MaxhuniUP | **Maxhuni. A** (2023)Assessment of the Anthropogenic and Natural Factors on the Level of the Heavy Metals and Biogenic Elements in Soils in Kosovo**Water, Air & Soil Pollution**DOI: 10.1007/s11270-023-06443-0 | WoS (SCIE) |
| **13** | **218** | Avni BerishaUP | **Berisha. A** (2023)Density functional theory and quantum mechanics studies of 2D carbon nanostructures (graphene and graphene oxide) for Lenalidomide anticancer drug delivery.**Computational and Theoretical Chemistry**DOI: 10.1016/j.comptc.2023.114371 | WoS (SCIE)  |
| **14** | **146** | Bardha KorçaUP | **Korça. B** (2022)Evaluation of Water Quality and Its Potential Threats Along River Drini Bardh Using Analytical Instrumental Techniques**Pol. J. Environ. Stud**DOI: 10.15244/pjoes/146478 | WoS (SCIE) |
| **15** | **183** | Musaj PaçariziUP | **Paçarizi. M** (2022)Analysis of chemical elements in honey samples in the territory of Kosovo**Journal of Food Composition and Analysis**DOI:doi.org/10.1016/j.jfca.2023.105505 | WoS (SCIE) |
| **16** | **192** | Bekim GashiUP | **Gashi. B** (2023)Stress induced by soil contamination with heavy metals and their effects on some biomarkers and DNA damage in maize plants at the vicinity of Ferronikel smelter in Drenas, Kosovo**Journal of Environmental Science and Health, Part B**DOI: 10.1080/03601234.2023.2253114 | WoS (SCIE) |
| **17** | **193** | Behar BaxhakuUP | **Baxhaku. B** (2022)Deferred statistical convergence and power summability method for q–laguerre polynomials operator.**Journal of Mathematical Inequalities**DOI: 10.2989/16073606.2019.1639843 | WoS (SCIE) |
| **18** | **194** | Behar BaxhakuUP | **Baxhaku. B** (2023)q-Gamma Type Operators for Approximating Functions of a Polynomial Growth**Iranian Journal of Science**DOI: https://doi.org/10.1007/s40995-023-01507-6 | WoS (SCIE) |
| **19** | **195** | Behar BaxhakuUP | **Baxhaku. B** (2023)Neural network operators with hyperbolic tangent functions**Expert Systems With Applications**[DOI: 10.1016/j.eswa.2023.119996](https://doi.org/10.1016/j.eswa.2023.119996) | WoS (SCIE) |
| **20** | **196** | Hazbije SahitiUP | **Sahiti. H** (2023)Bioaccumulation and distribution of Pb, Ni, Zn and Fe in stinging nettle (Urtica dioica) tissues and heavy metal-contamination assessment in the industrial zone of smelter Ferronikeli (Drenas-Kosovo)**Journal of Environmental Science and Health, Part A**DOI:[10.1080/10934529.2023.2236535](https://doi.org/10.1080/10934529.2023.2236535) | WoS (SCIE) |
| **21** | **145** | Avni Berisha | **Berisha. A** (2023)Blysmo compressi-Eriophoretum latifoliae ass. nova, a new association of the Caricion fuscae alliance from the Sharri Mountains**Chemical Papers**DOI: 10.3897/pls2023601/04 | WoS (SCIE) |
| **22** | **230** | Ilir ShehuUP | **Shehu. I** (2023)Analysis of macro and micronutrient contents and spatial distribution in Vushtrria region, Kosovo**Environment, Development and Sustainability**DOI: **https://doi.org/10.1007/s10668-023-04027-w** | WoS (SCIE) |
| **23** | **237** | Halil IbrahimiUP | **Ibrahimi. H** (2023)Potamophylax humoinsapiens sp. n. (Trichoptera, Limnephilidae), a new species from the Sharr Mountains, Republic of Kosovo**Biodiversity Data Journal**DOI: 10.3897/BDJ.11.e97969 | WoS (SCIE) |
| **24** | **238** | Halil IbrahimiUP | **Ibrahimi. H** (2023)Hydropsyche nador sp. n. (Trichoptera: Hydropsychidae), a new species of the Hydropsyche guttata species cluster from Morocco **Biodiversity Data Journal**DOI: 10.3897/BDJ.11.e97969 | WoS (SCIE) |
| **25** | **323** | Fisnik AliajUP | **Aliaj. F** (2023)Thermophysical Properties of the 2-Methylpropan-1- ol + Cyclohexane + Benzene Ternary System and Its Binary Subsystems Within the Temperature Range (293.15–333.15) K and Under Ambient Pressure**International Journal of Thermophysics****DOI:** 10.1007/s10765-023-03211-1 | WoS (SCIE) |
| **26** | **325** | Fisnik AliajUP | **Aliaj. F** (2023)Densities, Sound Speeds, and Refractive Indices of 1‐Propanol + Cyclohexane (or Cyclohexene or Cyclohexanone) Binary Mixtures at Various Temperatures Under Atmospheric Pressure: Experimental and Modeling Study**International Journal of Thermophysics**DOI: 10.1547/s10765-023-03211-1 | WoS (SCIE) |
| **27** | **326** | Fisnik AliajUP | **Aliaj. F** (2023)Thermodynamic excess properties of binary mixtures of methanol + pyridine, methanol + benzene, and pyridine + benzene at several temperatures and atmospheric pressure**Physics and Chemistry of Liquids**DOI: 10.1007/s10765-054-03211-1 | WoS (SCIE) |
| **28** | **357** | Ujkan BajraUP | **Bajra. U** (2023)COVID-19 pandemic–related policy stringency and economic decline: was it really inevitable?**Economic Research-Ekonomska Istraživanja**DOI:[10.1080/1331677X.2022.2077792](https://doi.org/10.1080/1331677X.2022.2077792) | SCOPUS (Q1) |
| **29** | **60** | Skender DemakuUP | **Demaku. S** (2023)Determination of Heavy Metals in Bee Honey as a Bioindicator in the Istog, Drenas and Kastriot Regions**Journal of Ecological Engineering**DOI: https://doi.org/10.12911/22998993/161654 | SCOPUS (Q2) |
| **30** | **358** | Ujkan BajraUP | **Bajra. U** (2023)The impact of the Sarbanes–Oxley Act on the integrity of financial reporting: Was it meritorious?[**Journal of Corporate Accounting & Finance**](https://www.researchgate.net/journal/Journal-of-Corporate-Accounting-Finance-1097-0053?_tp=eyJjb250ZXh0Ijp7ImZpcnN0UGFnZSI6InB1YmxpY2F0aW9uIiwicGFnZSI6InB1YmxpY2F0aW9uIn19)DOI: [10.1002/jcaf.22619](https://doi.org/10.1002/jcaf.22619) | SCOPUS (Q2) |
| **31** | **236** | Halil IbrahimiUP | **Ibrahimi.H** (2023)Athripsodes saral sp. n., a new Leptoceridae (Trichoptera) from the Kurdistan Province, Iran**Ecologica Montenegrina 64: 197-202**DOI:<https://dx.doi.org/10.37828/em.2023.64.4>  | SCOPUS (Q2) |
| **32** | **136** | Naim BerishaUP | **Berisha. N.** (2023)Blysmo compressi-Eriophoretum latifoliae ass. nova, a new association of the Caricion fuscae alliance from the Sharri Mountains**Plant Sociology**DOI: 10.3897/pls2023601/04 | SCOPUSQ2 |
| **33** | **144** | Makfire Sadiku- HasaniUP | **Hasani- Sadiku. M**(2022)A Comprehensive DFT Investigation of the Adsorption of Polycyclic Aromatic Hydrocarbons onto Graphene**Computation**DOI: https://doi.org/10.3390/computation10050068 | SCOPUS (Q2)  |
| **34** | **310** | Kemajl BislimiUP | **Bislimi.K** (2023)Effect of Lead, Nickel, and Zinc Pollution in Some Parameters of Oxidative Stress in Hepatopancreas of Snail Helix pomatia L. in Power plant of Obiliq**Journal of Ecological Engineering**DOI: <https://doi.org/10.12911/22998993/169471> | SCOPUS (Q2) |
| **35** | **137** | Naim BerishaUP | **Berisha. N** (2023)The analysis of the influence of grazing intensity on the diversity and abundance of plants and spiders (Arachnida: Araneae).**European Journal of Environmental Sciences**DOI:<https://doi.org/10.14712/23361964.2023.4>  | SCOPUSQ2 |
| **36** | **5** | Donard GeciUP | **Geci. D** (2022)The spider fauna (Arachnida, Araneae) of abandoned military bunkers in Albania**Natura Croatica**DOI: 10.20302/NC.2022.31.6 | SCOPUS (Q3) |
| **37** | **70** | Shukri KlinakuUP | **Klinaku. Sh** (2023)Invariance of the acoustic wave equation under transformed Galilean transformation**Acoustical Science and Technology**DOI: doi.org/10.1250/ast.44.24 | SCOPUS (Q3) |
| **38** | **6** | Linda Grapci-KotoriUP | **Kotori- Grapci. L** (2022)Spiders from Sharr Mountain - new faunistic data (Arachnida: Araneae)**Natura Croatica**DOI: 10.20302/NC.2022.31.24 | SCOPUS (Q3) |
| **39** | **45** | Arsim EjupiUP | **Ejupi. A** (2022)Regional identity in a geopolitically contested area: Presevo Valley, scientific argumentation and political use**Investigaciones Geograficas (Spain)**DOI: https://doi.org/10.14198/INGEO.19877 | SCOPUS (Q3) |
| **40** | **50** | Fatmir FaikuUP | **Faiku. F** (2022)Mineral content of two Mentha species (Mentha spicata L. and Mentha arvensis L.) growing in Kosovo**Bulgarian Journal of Agricultural Science** | SCOPUS (Q3) |
| **41** | **169** | Albina KalimashiUP | **Kalimashi.A** (2023)COVID-19 IMPACT ON THE CAPITAL STRUCTURE OF COMMERCIAL BANKS: EVIDENCE FROM THE WESTERN BALKANS**Economic Studies** | SCOPUS (Q3) |
| **42** | **272** | Ferdije Zhushi EtemiUP | **Etemi- Zhushi.F** (2022)First tentative checklist of Geometridae(Insecta: Lepidoptera) of Kosovo**Oriental insects**DOI: 10.1080/00305316.2022.2066214 | SCOPUS (Q3) |
| **43** | **273** | Ferdije Zhushi EtemiUP | **Etemi- Zhushi.F** (2023)Biodiversity of butterflies (Lepidoptera, Papilionoidea) in **Journal of insect biodiversity and systematics****DOI:** [**10.61186/jibs.9.4.623**](https://doi.org/10.61186/jibs.9.4.623) | SCOPUS (Q3) |
| **44** | **197** | Hazbije SahitiUP | **Sahiti. H (**2023)Antioxidant Activity of Vitamin C and E Versus Oxidative Stress Induced by Heavy Metals in Common Carp (Cyprinus carpio)**Malaysian Applied Biology**DOI: <https://doi.org/10.55230/mabjournal.v52i2.2539> | SCOPUS (Q3)  |
| **45** | **361** | Albana VeseliUP | **Veseli.A** (2021)Additional studies on the electrochemical behaviour of three macrolides on Pt and carbon based electrodes**Electroanalysis****DOI:**[**https://doi.org/10.1002/elan.202100183**](https://doi.org/10.1002/elan.202100183) | SCOPUS (Q3)  |
| **46** | **359** | Ejup FejzaUP | **Fejza. E** (2023)Analysis of the Effects of the Service Quality on Client Satisfaction in the Tourism Sector in Kosovo**Economic Studies (Ikonomicheski Izsledvania)** | SCOPUS (Q3) |
| **47** | **49** | Qëndrim RamshajUP | **Ramshaj. Q** (2022)Macromycetes Diversity of Sharr Mountains in Kosovo**Ecologia Balkanica** | SCOPUS (Q4) |
| **48** | **104** | Bekim GashiUP | **Gashi. B** (2023)Heavy metals tolerance on seed germination and growth of serpentine plant species Alyssum murale L.**Acta Biologica Szegediensis**DOI: 10.14232/abs.2022.2.116-124 | SCOPUS (Q4) |
| **49** | **107** | Albina KalimashiUP | **Kalimashi. A** (2023)The Capital Structure Determinants on Banking Sector of Western Balkan Countries**Ekonomika**DOI: https://doi.org/10.15388/Ekon.2023.102.1.6 | SCOPUS (Q4) |
| **50** | **126** | Valbon BytyqiUP | **Bytyqi.V** (2022)Analysis of Soil Erosion Risk in a River Basin – A Case Study from Hogoshti River Basin (Kosovo)**Ecological Engineering and Environmental Technology**DOI:10.12912/27197050/143380 | SCOPUS (Q4) |
| **51** | **187** | Albina KalimashiUP | **Kalimashi.A** (2022)The Relationship between Liquidity Risk Management and Commercial Bank Performance: Evidence from the Western Balkans**International Journal of Applied Economics, Finance and Accounting**DOI: 10.33094/ijaefa.v14i2.689 | SCOPUS (Q4) |
| **52** | **157** | Skender DemakuUP | **Demaku.S** (2023)Heavy metal status of soil and underground water in urban area of Pristina district, Kosovo**The Lawyer Quarterly**DOI: <http://dx.doi.org/10.15576/ASP.FC/2023.22.1.79>  | SCOPUS (Q4) |