



УНИВЕРЗИТЕТ У БАЊОЈ ЛУЦИ

UNIVERSITY OF BANJA LUKA

Награђени наставници и сарадници аутори научног рада објављеног у индексираном научном часопису

Ред. бр.	Име и презиме првог аутора	Остали аутори	Назив рада	Чланица	Часопис	ИФ	Бруто износ (КМ)
1.	Борислав Малиновић	Jernej Markelj, Andreja Žgajnar Gotvajn, Irena Kralj Cigić, Helena Prosen	Electrochemical treatment of wastewater to remove contaminants from the production and disposal of plastics: a review	Технолошки факултет	Environmental Chemistry Letters	15,70	7.850,00
2.	Радован Кукобат	Motomu Sakai, Hideki Tanaka, Hayato Otsuka, Fernando Vallejos-Burgos, Christian Lastoskie, Masahiko Matsukata, Yukichi Sasaki, Kaname Yoshida, Takuya Hayashi, Katsumi Kaneko	Ultrapерmeable 2D-channelled graphene-wrapped zeolite molecular sieving membranes for hydrogen separation	Технолошки факултет	Science Advances	13,60	6.800,00
3.	Драган Кораћ	Boris Damjanović, Dejan Simić, Kim-Kwang Raymond Choo	A hybrid XSS attack (HYXSSA) based on fusion approach: Challenges, threats and implications in cybersecurity	Природно-математички факултет	Journal of King Saud University-Computer and Information Sciences	6,90	3.450,00
4.	Саша Зељковић	Milica Balaban, Dragana Gajić, Savka Vračević, Toni Ivas, Dragoljub Vranković, Dijana Jelić	Mechanochemically induced synthesis of N-ion doped ZnO: solar photocatalytic degradation of methylene blue	Природно-математички факултет	Green Chemistry Letters and Reviews	6,60	3.300,00
5.	Александар Борковић	Benjamin Marussig, G Radenković	Geometrically exact static isogeometric analysis of an arbitrarily curved spatial Bernoulli–Euler beam	Архитектонско-грађевинско-геодетски факултет	Computer Methods in Applied Mechanics and Engineering	6,59	3.294,00
6.	Лана Нежић	Ljiljana Amidžić, Ranko Škrbić, Radoslav Gajanić, Danijela Mandić, Jelena Dumanović, Zoran Milovanović, Vesna Jačević	Amelioration of Endotoxin-Induced Acute Lung Injury and Alveolar Epithelial Cells Apoptosis by Simvastatin Is Associated with Up-Regulation of Survivin/NF-kB ...	Медицински факултет	International Journal of Molecular Sciences	5,60	2.800,00
7.	Зорислава Бајић	Tanja Sobot, Ranko Skrbic, Milos P Stojilkovic, Nenad Ponorac, Amela Matavulj, Dragan M Djuric	Homocysteine, Vitamins B6 and Folic Acid in Experimental Models of Myocardial Infarction and Heart Failure—How Strong Is That Link?	Медицински факултет	Biomolecules	5,50	2.750,00

8.	Радован Кукобат	Ranko Škrbić, Pascale Massiani, Karima Baghdad, Franck Launay, Maria Sarno, Claudia Cirillo, Adolfo Senatore, Esad Salčin, Suzana Gotovac Atlagić	Thermal and structural stability of microporous natural clinoptilolite zeolite	Технолошки факултет	Microporous and Mesoporous Materials	5,20	2.600,00
9.	Драган Глигорић	Dragana Preradović Kulovac, Ljubiša Mičić, Anđela Pepić	Price and income elasticity of cigarette demand in Bosnia and Herzegovina by different socioeconomic groups	Економски факултет	Tobacco Control	5,20	2.600,00
10.	Реља Суручић	Jelena Radović Selgrad, Tatjana Kundaković-Vasović, Biljana Lazović, Maja Travar, Ljiljana Suručić, Ranko Škrbić	In Silico and In Vitro Studies of Alchemilla viridiflora Rothm— Polyphenols' Potential for Inhibition of SARS-CoV-2 Internalization	Медицински факултет	Molecules	4,60	2.300,00
11.	Марина Ракановић	Andrijana Vukojević, Maria M Savanović, Stevan Armaković, Svetlana Pelemiš, Fatima Živić, Slavica Sladojević, Sanja J Armaković	Zeolites as Adsorbents and Photocatalysts for Removal of Dyes from the Aqueous Environment	Технолошки факултет	Molecules	4,60	2.300,00
12.	Татјана Јовановић - Цветковић	Vide Šutalo, Muhammed Kupe, Sezai Ercisli, Aleksandar Životić, Boris Pašalić	Influence of Interaction Effects of the Different Pollenizers on the Blatina Variety (Vitis vinifera L.) Grape Cluster and Seed Characteristics	Пољопривредни факултет	Plants	4,50	2.250,00
13.	Дијана Јелић	Janja Todorović, Mirzeta Saletović, Aleksandra Šmitran, Slavko Mentus	Thermal stability and antimicrobial properties of pure and modified pyrophyllite (PYRO/Ag) clay	Природно-математички факултет	Journal of Thermal Analysis and Calorimetry	4,40	2.200,00
14.	Саша Тешић	Djordje Cica, Stevo Borojevic, Branislav Sredanovic, Milan Zeljkovic, Davorin Kramar, Franci Pusavec	Optimization and prediction of specific energy consumption in ball-end milling of Ti-6Al-4V alloy under MQL and cryogenic cooling/lubrication conditions	Машински факултет	International Journal of Precision Engineering and Manufacturing-Green Technology	4,20	2.100,00
15.	Миљан Цветковић	Milana Kočić, Dragana Dabić Zagorac, Ivanka Čirić, Maja Natić, Đurađ Hajder, Aleksandar Životić, Milica Fotirić Akšić	When Is the Right Moment to Pick Blueberries? Variation in Agronomic and Chemical Properties of Blueberry (Vaccinium corymbosum) Cultivars at Different Harvest Times	Пољопривредни факултет	Metabolites	4,10	2.050,00
16.	Ђорђе Чекрлија	Petar Mrđa, Lana Vujaković, Anton Aluja	Relationship between humor styles and alternative five factors of personality	Филозофски факултет	Personality and Individual Differences	3,95	1.975,00
17.	Немања Јалић	Črtomir Rozman, Željko Vaško, Karmen Pažek	Determining the Extent of Economical Sustainability of a Case Study Milk Farm in Bosnia and Herzegovina Based on the Real Options Model	Пољопривредни факултет	Sustainability	3,90	1.950,00

18.	Жељко Вашко	Aleksandar Ostojić, Tarek Ben Hassen, Siniša Berjan, Hamid El Bilali, Igor Durđić, Soroush Marzban	Food waste perceptions and reported behaviours during the first wave of the COVID-19 pandemic: Evidence from Bosnia and Herzegovina	Пољопривредни факултет	Waste Management & Research	3,90	1.950,00
19.	Ирена Медар- Тања	Neda Živak, Anđelija Ivkov- Džigurski, Vesna Rajčević, Tanja Mišlicki Tomić, Vukosava Čolić	Drina Transboundary Biosphere Reserve— Opportunities and Challenges of Sustainable Conservation	Природно- математички факултет	Sustainability	3,90	1.950,00
20.	Биљана Куковица	Biljana Davidović- Plavšić, Ana Savić, Dejan Dmitrović, Goran Šukalo, Sandra Đurić-Savić, Goran Vučić	Oxidative Stress and Neurotoxicity of Cadmium and Zinc on Artemia franciscana	Природно- математички факултет	Biological Trace Element Research	3,90	1.950,00
21.	Радован Кукобат	Motomu Sakai, Ayumi Furuse, Hayato Otsuka, Hideki Tanaka, Takuya Hayashi, Masahiko Matsukata, Katsumi Kaneko	Apatite–Graphene Interface Channel-Aided Rapid and Selective H ₂ Permeation	Технолошки факултет	The Journal of Physical Chemistry C	3,70	1.850,00
22.	Оливера Долић	Z Kojic, N Trtic, S Sukara, N Knezevic, V Veselinovic	Caries increment in Bosnian women associated with caries risk factors according to the Cariogram during pregnancy, A four- year longitudinal study,	Медицински факултет	European Journal of Paediatric Dentistry	3,60	1.800,00
23.	Биљана Тубић	Saša Jungić	Regulatory aspects of biological medicines in Bosnia and Herzegovina	Медицински факултет	Bosnian Journal of Basic Medical Sciences	3,40	1.700,00
24.	Ђорђе Чича	Branislav Sredanovic, Goran Mijušković	Experimental investigation of tool deflection in micro- milling of fine-grained graphite	Машински факултет	The International Journal of Advanced Manufacturing Technology	3,40	1.700,00
25.	Жељко Вашко	Sinisa Berjan, Hamid El Bilali, Mohammad Sadegh Allahyari, Aleksandra Despotovic, Dajana Vukojević, Adriana Radosavac	Household food wastage in Montenegro: Exploring consumer food behaviour and attitude under COVID- 19 pandemic circumstances	Пољопривредни факултет	British Food Journal	3,30	1.650,00
26.	Саша Петковић	S., Alfirević, N., & Zlatković - Radaković	Environmental sustainability and corporate social responsibility of business schools: is there evidence of transdisciplinary effects?	Економски факултет	Economic Research - Ekonomska istraživanja	3,08	1.540,00
27.	Рајко Томаш	/	Measurement of the Concentration of Potential Quality of Life in Local Communities	Економски факултет	Social Indicators Research	2,94	1.470,00
28.	Зорана Танасић	G Janjic, M Sokovic, J Kusar	Implementation of the Lean Concept and Simulations in SMEs—A Case Study	Машински факултет	International Journal of Simulation Modelling	2,90	1.450,00
29.	Жељко Ивановић	Mladen Knezic	Modeling Push–Pull Converter for Efficiency Improvement	Електротехнички факултет	Electronics	2,90	1.450,00

30.	Милкица Грабеж	Ranko Škrbić, Miloš P Stojiljković, Vesna M Vučić, Vesna Rudić Grujić, Vladimir Jakovljević, Dragan M Đurić, Relja Suručić, Katarina Šavikin, Dubravka Bigović, Nada Vasiljević	A prospective, randomized, double-blind, placebo-controlled trial of polyphenols on the outcomes of inflammatory factors and oxidative stress in patients with type 2 diabetes	Медицински факултет	Reviews in Cardiovascular Medicine	2,70	1.350,00
31.	Саша Папуга	Irma Kremer, Tihomir Tomić, Zvonimir Katančić, Matko Erceg, Saša Papuga, Jelena Parlov Vuković, Daniel Rolph Schneider	Catalytic pyrolysis and kinetic study of real-world waste plastics: multi-layered and mixed resin types of plastics	Технолошки факултет	Symmetri Basel	2,70	1.350,00
32.	Наташа Стојаковић	Ana Golić Jelić, Svjetlana Stoisavljević Šatara, Nataša Bednarčuk, Miloš P Stojiljković, Ranko Škrbić	Characteristics and patterns of proton pump inhibitors prescribing at the primary health care	Медицински факултет	Medicina	2,60	1.300,00
33.	Наташа Кнежевић	Marija Obradovic, Olivera Dolic, Valentina Veselinovic, Zeljka Kojic, Renata Josipovic, Marijana Arapovic-Savic	Clinical Testing of Walking Bleach, In-Office, and Combined Bleaching of Endodontically Treated Teeth	Медицински факултет	Medicina	2,60	1.300,00
34.	Бојан Николић	Marko Djukanovic, Dragan Matic	New mixed-integer linear programming model for solving the multidimensional multi-way number partitioning problem	Природно-математички факултет	Computational and Applied Mathematics	2,60	1.300,00
35.	Пеја Ковачевић	Sandra Topolvac, Saša Dragić, Milka Jandrić et al,	Characteristics and Outcomes of Critically Ill Pregnant/Postpartum Women with COVID-19 Pneumonia in Western Balkans, The Republic of Srpska Report	Медицински факултет	Medicina	2,60	1.300,00
36.	Јелена Никитовић	Naris Pojskić, Abdurahim Kalajdzić, Lejla Ušanović, Zoran Maletić, Belma Kalamujić Stroil	Genetic Diversity of Bosnian and Herzegovinian Autochthonous Dog Breed Bosnian Broken-Haired Hound—Barak	Институт за генетичке ресурсе	Biochemical Genetics	2,40	1.200,00
37.	Ђорђе Ђукановић	Milica Gajić Bojić, Sonja Marinković, Saša Trailović, Miloš P Stojiljković, Ranko Škrbić	Vasorelaxant effect of monoterpene carvacrol on isolated human umbilical artery	Медицински факултет	Canadian Journal of Physiology and Pharmacology	2,10	1.050,00
38.	Небојша Ђурић	Sergey Buterin	Iso-bispectral potentials for Sturm–Liouville-type operators with small delay	Електротехнички факултет	Nonlinear Analysis: Real World Applications	2,00	1.000,00
39.	Ђорђе Лекић	Slobodan Vukosavić	Optimization of multiphase single-layer winding end-connections by differential evolution	Електротехнички факултет	Electrical Engineering	1,80	900,00

40.	Драгана Грујић	Aleksandar Savić, Ljiljana Topalić-Trivunović, Matejka Bizjak, Ana Velemir, Jovana Milanović	Ultrasonic-assisted antimicrobial functionalization of cotton knitwear with plant extracts	Технолошки факултет	The Journal of The Textile Institute	1,70	850,00
41.	Јелена Никитовић	Mihajla Djan, Duško Ćirović, Marina Antić, Dragana Šnjegota	The first report on genetic variability and population structure in jackals from Bosnia and Herzegovina	Институт за генетичке ресурсе	Mammal Research	1,50	750,00
42.	Дарија Кнежевић	Miroslav Petković, Ljiljana Božić, Nataša Miljuš, Biljana Mijović, Jela Aćimović, Jelena Djaković-Dević, Dragana Puhalo-Sladoje, Srdjan Mašić, Dragan Spaić, Nevena Todorović, Nataša Pilipović-Broćeta, Verica Petrović, Dejan Bokonjić, Miloš P Stojiljković, Ranko Škrbić	Seroprevalence of SARS-CoV-2 antibodies among primary healthcare workers in the Republic of Srpska, Bosnia & Herzegovina: A cross-sectional study	Медицински факултет	Acta Microbiologica et Immunologica Hungarica	1,50	750,00
43.	Горан Јањић	Z Tanasić, R Tomić Stojković	Development of a Quality Management Model in the Automotive Industry with a Focus on the Quality of Incoming Products	Машински факултет	Transactions of FAMENA	1,30	650,00
44.	Свјетлана Зельковић	Nada Parađiković, Ivana Maksimović, Tihana Teklić, Monika Tkalec Kojić	Growth and nutrient status of French marigold (<i>Tagetes patula</i> L.) under biostimulant application	Пољопривредни факултет	New Zealand Journal of Crop and Horticultural Science	1,30	650,00
45.	Небојша Мандић-Ковачевић	Irena Kasagić-Vujanović, Ana Popović Bijelić	Analysis of Fixed-Dose Combination of Three Antihypertensive Drugs by a Green and Quality by Design Approach	Медицински факултет	Journal of Chromatographic Science	1,30	650,00
46.	Биљана Рогић	Ljuba Strbac, Sladjana Preradovic, Bozo Vazic	Pedigree analysis of the Lipizzan horse populations from Bosnia and Herzegovina and Serbia: Structure, inbreeding and genetic variability	Пољопривредни факултет	Czech Journal of Animal Science	1,20	600,00
47.	Радислав Тошић	Tamara Sudar, Vujadin Blagojević, Milica Trifković	A METHODOLOGY FOR MAPPING AREAS UNDER TORRENTIAL FLOOD RISK: CASE STUDY -THE REBROVAČKI BROOK BASIN / BANJA LUKA MUNICIPALITY (B&H)	Природно-математички факултет	Carpathian Journal of Earth and Environmental Sciences	1,20	600,00
48.	Маја Милијаш	Dragoljub Cvetković, Aleksandar Savić, Ana Velemir, Ljiljana Topalić-Trivunović, Saša Papuga	EFFECTS OF ADDING DIFFERENT QUANTITIES OF YEAST AND CHOKEBERRY JUICE ON FERMENTATION OF MEAD	Технолошки факултет	chemical industry & chemical engineering quarterly	1,20	600,00
49.	Тања Тркуља	Milana Radujković, Marina Nikolić-Topalović	Vertical greenery system: a model for improving energy efficiency of buildings	Архитектонско-грађевинско-геодетски факултет	Gradevinar	1,10	550,00

50.	Тања Максимовић	Dino Hasanagić, Ivan Samelak, Biljana Kukavica	Class III peroxidase and polyphenol oxidase activities in aquatic macrophytes during vegetative period in Bardača a wetland	Природно-математички факултет	International Journal of Limnology	1,00	500,00
51.	Драган Миловановић	/	The Influence of Corporate Restructuring on the Economic Development of Bosnia and Herzegovina	Економски факултет	Journal of Balkan and Near Eastern Studies	1,00	500,00
52.	Душко Јојић	/	The cubical matching complex revisited	Природно-математички факултет	Ars Mathematica Contemporanea	0,92	461,00
53.	Борислав Малиновић	Borković, A, ,, & Đuričić, T,	Copper strip corrosion testing in hydrocracked base oil in the presence of different inhibitors	Технолошки факултет	Hemijska industrija	0,90	450,00
54.	Стево Боројевић	Mijodrag Milošević, Dejan Lukić, Boško Borojević	An Integrated Intelligent CAD/CAPP Platform: Part I-Product Design Based on Elementary Machining Features	Машински факултет	Tehnički vjesnik	0,90	450,00
55.	Стево Боројевић	Dragan Matić, Miroslav Dragić	An Integrated Intelligent CAD/CAPP Platform: Part II-Operation Sequencing Based on Genetic Algorithm	Машински факултет	Tehnički vjesnik	0,90	450,00
56.	Саша Мићин	Borislav Malinović, Tijana Đuričić	Razvoj i karakterizacija elektrohemijskog senzora na bazi ugljenika modifikovanog nanočesticama TiO ₂	Факултет безбједносних наука	HEMIJSKA INDUSTRIJA (Chemical Industry)	0,90	450,00
57.	Љиља Шикман	Nermin Sarajlic	Modelling of Fuzzy Expert System for an Assessment of Security Information Management System UIS (University Information System)	Машински факултет	Tehnički vjesnik	0,90	450,00
58.	Слободан Ђњато	Biljana Narancic, Dermot Antoniades, Reinhard Pienitz, Boris K Biskaborn, Rajko Gnjato, Radoslav Dekić	Surface sediment diatom assemblages from four alpine lakes in the Zelengora Mountains (Bosnia and Herzegovina): A Pilot Study	Природно-математички факултет	Botanica Serbica	0,80	400,00
59.	Татјана Зец	/	Roman domination problem on Johnson graphs	Природно-математички факултет	Filomat	0,80	400,00
60.	Душко Јојић	Gayanè Yur'evna Panina , Rade Živaljević	The coloured Tverberg theorem, extensions and new results	Природно-математички факултет	Izvestiya: Mathematics	0,80	400,00
61.	Ивана Савковић	/	Carleson measures for weighted harmonic mixed norm spaces on bounded domains in \mathbb{R}^n	Машински факултет	Czechoslovak Mathematical Journal	0,50	250,00
62.	Владимир Петковић	Dane Marčeta, Igor Potočnik	Optimization of primary forest accessibility in high forests with natural regeneration	Шумарски факултет	Šumarski list	0,50	250,00

63.	Војислав Дукић	Miroslav Mirković, Branko Stajić, Danijela Petrović, Marko Kazimirović, Srđan Bilić	COMPARATIVE ANALYSIS OF THE INFLUENCE OF CLIMATE FACTORS ON THE RADIAL GROWTH OF AUTOCHTHONOUS PINE SPECIES (PINUS SPP.) IN CENTRAL BOSNIA AND HERZEGOVINA,	Шумарски факултет	Journal of Forestry Society of Croatia/Sumarski List Hrvatskoga Sumarskoga Društva	0,50	250,00
64.	Душко Јојић	Gaiane Panina, Rade T, Živaljević	Optimal colored Tverberg theorems for prime powers	Природно- математички факултет	Homology, Homotopy and Applications	0,45	223,00
Укупан импакт фактор:						195,23	97.613,00