

SVEUČILIŠTE JOSIPA JURJA STROSSMAYERA U OSIJEKU

PRIRODNE, TEHNIČKE, BIOMEDICINSKE, BIOTEHNIČKE ZNANOSTI

RADOVI

Broj znanstvenih radova objavljenih u časopisima u bazi Web of Science u 2012. Godini

EKONOMSKI FAKULTET

1. Ljiljana Majnarić, Marijana Zekić-Sušac, Elucidating clinical context of lymphopenia by nonlinear modelling, Expert Systems With Applications, Vol. 39, No. 12, 2012, pp. 10889-10897, ISSN: 0957-4174.

ELEKTROTEHNIČKI FAKULTET

1. Agic, Enver; Sljivac, Damir; Topic, Danijel, The Possibilities of Increasing the Energy Efficiency in The City of Tuzla, TEHNICKI VJESNIK-TECHNICAL GAZETTE 19 (MAR 2012)
2. Baric, Tomislav; Boras, Vedran; Glavas, Hrvoje, A Simplified Procedure for Approximate Determination of Electro-Geometrical Parameters of Two-Layer Soil, TEHNICKI VJESNIK-TECHNICAL GAZETTE 19 (JUN 2012)
3. Butkovic, S.; Oruc, M.; Saric, E.; Mehmedovic, M., Effect of Sintering Parameters on the Density, Microstructure and Mechanical Properties of the Niobium-Modified Heat-Resistant Stainless Steel GX40CrNiSi25-20 Produced by MIM Technology, MATERIALI IN TEHNOLOGIJE, 46(2) (2012)
4. Cupec, R., Efficient postprocessing of edge maps for image segmentation based on greedy correction cost minimization, JOURNAL OF ELECTRONIC IMAGING 21(2) (2012)
5. Fekete, Kresimir; Klaić, Zvonimir; Majdandžić, Ljubomir, Expansion of the Residential Photovoltaic Systems and its Harmonic Impact on the Distribution Grid, RENEWABLE ENERGY 43 (JUL 2012)
6. Glavas, Hrvoje; Blazević, Damir; Ivanović, Milan, Quality and Energy Efficiency of Public Lighting in the Area of the Osijek-Baranja County, TEHNICKI VJESNIK-TECHNICAL GAZETTE 19 (SEP 2012)

7. Grgic, Kresimir; Zagar, Drago; Krizanovic, Visnja, Medical Applications of Wireless Sensor Networks - Current Status and Future Directions, MEDICINSKI GLASNIK 9 (FEB 2012)
8. Halusek, Vlado; Slijivac, Damir; Jozsa, Lajos, Exploitation of the Hydrokinetic Potential of Rivers by Combining the Traditional Water Wheel and the Darrieus Turbine, TEHNICKI VJESNIK-TECHNICAL GAZETTE 19 (SEP 2012)
9. Herceg, Marijan; Vranjes, Mario; Zagar, Drago, Performance of Multi Pulse Position Amplitude Modulation for TH IR-UWB Communication Systems, AUTOMATIKA 53 (OCT-DEC 2012)
10. Job, Josip; Jovic, Franjo; Livada, Caslav, Q-Learning by the nth Step State and Multi-Agent Negotiation in Unknown Environment, TEHNICKI VJESNIK-TECHNICAL GAZETTE 19 (SEP 2012)
11. Jovic, Franjo; Kosar, Vanja; Tomasic, Vesna; Gomzi, Zoran, Non-ideal flow in an Annular Photocatalytic Reactor, CHEMICAL ENGINEERING RESEARCH & DESIGN 90 (SEP 2012)
12. Kaluder, Slaven; Miletic, Sasa; Nikolovski, Srete, Alarm Analysis in Electric Power System Based on Expert System, TEHNICKI VJESNIK-TECHNICAL GAZETTE 19 (DEC 2012)
13. Kaluder, Slaven; Slijivac, Damir; Miletic, Sasa, The Optimal Placement of Distributed Generation, TEHNICKI VJESNIK-TECHNICAL GAZETTE 19 (SEP 2012)
14. Kovac, Zoran; Mikulicic, Vladimir; Slijivac, Damir, Model of Supply Restoration of Energy Consumers by Markov State Space Models, TEHNICKI VJESNIK-TECHNICAL GAZETTE 19 (MAR 2012)
15. Livada, Caslav; Zagar, Drago; Job, Josip, Implementation of Basic Qos Mechanisms on Videoconferencing Network Model, TEHNICKI VJESNIK-TECHNICAL GAZETTE 19 (MAR 2012)
16. Martinovic, Goran; Bajer, Drazen, Elitist Ant System with 2-opt Local Search for the Traveling Salesman Problem, ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING 12 (2012)
17. Martinovic, Goran; Balen, Josip; Cukic, Bojan, Performance Evaluation of Recent Windows Operating Systems, JOURNAL OF UNIVERSAL COMPUTER SCIENCE 18 (2012)
18. Martinovic, Goran; Krpic, Zdravko, Advanced Character Collage CAPTCHA, ACTA POLYTECHNICA HUNGARICA 9 (2012)
19. Matic, Tomislav; Svedek, Tomislav; Herceg, Marijan, A Method for the Schmitt-Trigger Propagation-Delay Compensation in Asynchronous Sigma-Delta Modulator, IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS II-EXPRESS BRIEFS 59 (JUL 2012)
20. Matic, Tomislav; Svedek, Tomislav; Vinko, Davor, Integrator Clamping for Asynchronous Sigma-Delta Modulator Central Frequency Increment, IET CIRCUITS DEVICES & SYSTEMS 6 (SEP 2012)

21. Miokovic, Zeljka; Ganzberger, Sanja; Radolic, Vanja, Assessment of the University of Osijek Engineering Students' Conceptual Understanding of Electricity and Magnetism, TEHNICKI VJESNIK-TECHNICAL GAZETTE 19 (SEP 2012) [ETFOS ½, FIZOS ½]
22. Romic, Kresimir; Galic, Irena; Baumgartner, Alfonzo, Character Recognition Based On Region Pixel Concentration For License Plate Identification, TEHNICKI VJESNIK-TECHNICAL GAZETTE 19 (JUN 2012)
23. Slavek, Ninoslav; Jovic, Alan, Application of Grey System Theory to Software Projects Ranking, AUTOMATIKA 53 (JUL-SEP 2012)
24. Slavek, Ninoslav; Jovic, Alan, Heptathlon Evaluation Model Using Grey System Theory, TEHNICKI VJESNIK-TECHNICAL GAZETTE 19 (JUN 2012)
25. Slavek, Ninoslav; Lukic, Ivica; Koehler, Mirko, Software Process Measuring Model, TEHNICKI VJESNIK-TECHNICAL GAZETTE 19 (MAR 2012)
26. Sliskovic, Drazen; Grbic, Ratko; Hocenski, Zeljko, Multivariate Statistical Process Monitoring, TEHNICKI VJESNIK-TECHNICAL GAZETTE 19 (MAR 2012)
27. Sostaric, Damir; Samardzic, Ivan; Pintaric, Antun, Quality Monitoring at Fusion Welding of Polyethylene High-Density Pipes, METALURGIJA 51 (OCT-DEC 2012) [ETFOS ½, SFSB ½]

GRAĐEVINSKI FAKULTET

1. Dzakic, Damir; Kraus, Ivan; Moric, Dragan, Direct displacement based design of regular concrete frames in compliance with Eurocode, TEHNICKI VJESNIK-TECHNICAL GAZETTE 19 (2012)
2. Stober, Dina; Pogacnik, Andrej; Loncar-Vickovic, Sanja, Comparison of students and experts attitudes on planning and managing of the Drava and Mura river landscape, TEHNICKI VJESNIK-TECHNICAL GAZETTE 19 (2012)
3. Draganic, Hrvoje; Sigmund, Vladimir, Blast loading on structures, TEHNICKI VJESNIK-TECHNICAL GAZETTE 19 (2012)
4. Stefic, Tihomir; Juric, Aleksandar; Marovic, Pavao, Experimental analysis of combined action of bending, shear and torsion on timber beams, TEHNICKI VJESNIK-TECHNICAL GAZETTE 19 (2012)
5. Vukomanovic, Mladen; Radujkovic, Mladen; Alduk, Zlata Dolacek The use of project management software in construction industry of Southeast Europe, TEHNICKI VJESNIK-TECHNICAL GAZETTE 19 (2012)
6. Minazek, Krunoslav; Kopic, Zeljana; Mulabdic, Mensur, Simple procedure of geogrid-soil interaction efficiency assesment, TEHNICKI VJESNIK-TECHNICAL GAZETTE 19 (2012)
7. Kusljic, Danijel; Marenjak, Sasa, Evaluating the success of PFI projects in Croatia applying success criterion "Starting date of operation", TEHNICKI VJESNIK-TECHNICAL GAZETTE, 19 (2012)

8. Krstic, Hrvoje; Marenjak, Sasa, Analysis of buildings operation and maintenance costs, GRADEVINAR 64 (2012)

9. Loncar-Vickovic, Sanja; Dolacek-Alduk, Zlata; Sigmund, Vladimir; Stober, Dina, Student Workshops in Engineering Education: Case Studies at the Faculty of Civil Engineering in Osijek, Croatia, INTERNATIONAL JOURNAL OF ENGINEERING EDUCATION 28 (2012)

10. Androjic, I (Androjic, Ivica); Dimter, S (Dimter, Sanja), Compressive strenght of steel slag stabilized mixes, GRADEVINAR 64 (2012)

MEDICINSKI FAKULTET

1. Prlic, Nada; Kadojic, Dragutin; Kadojic, Mira, Quality of life in post-stroke patients: self-evaluation of physical and mental health during six months, ACTA CLINICA CROATICA 51 (2012)
2. Matijevic, Marko; Uzarevic, Zvonimir; Gvozdic, Vlatka; Leovic, Dinko; Ivanisevic, Zrinka; Matijevic-Mikelic, Valentina; Bogut, Irella; Vcev, Aleksandar; Macan, Darko, Does Body Mass Index and Position of Impacted Lower Third Molar Affect the Postoperative Pain Intensity? COLLEGIUM ANTROPOLOGICUM 36 (2012) [MEFOS 1/3, KEMOS 1/3, UFOS 1/3]
3. Neseck-Adam, Visnja; Rasic, Zarko; Schwarz, Dragan; Grizelj-Stojcic, Elvira; Rasic, Domagoj; Krstonijevic, Zoran; Markic, Ana; Kovacevic, Marko, The Effect of Spinal versus General Anesthesia on Postoperative Pain and Analgesic Requirements in Patients Undergoing Peripheral Vascular Surgery, COLLEGIUM ANTROPOLOGICUM 36 (2012)
4. Kolovrat, Marijan; Basic, Zeljko; Lovric, Zvonimir; Amic, Fedor; Cavka, Vlatka; Boras, Zdenko; Servis, Drazen; Lemac, Domagoj; Basic, Njegoslav, Mechanical Bowel Preparation in Colorectal Surgery, COLLEGIUM ANTROPOLOGICUM 36 (2012)
5. Boras, Zdenko; Kondza, Goran; Sisljagic, Vladimir; Basic, Zeljko; Gmajnic, Rudika; Istvanic, Tomislav, Prognostic Factors of Local Recurrence and Survival after Curative Rectal Cancer Surgery: A Single Institution Experience, COLLEGIUM ANTROPOLOGICUM 36 (2012)
6. Basic, Zeljko; Cupurdija, Kristijan; Servis, Drazen; Kolovrat, Marijan; Cavka, Vlatka; Boras, Zdenko; Basic, Dubravka; Kristek, Jozo; Tucak, Antun; Basic, Njegoslav, Surgical Treatment of Liver Echinococcosis - Open or Laparoscopic Surgery?, COLLEGIUM ANTROPOLOGICUM 36 (2012)
7. Pavic, Roman; Margetic, Petra, Emergency Treatment for Clinically Unstable Patients with Pelvic Fracture and Haemorrhage, COLLEGIUM ANTROPOLOGICUM 36 (2012)

8. Pavic, Roman, Multifragmentary Distal Crural Fracture Ski Injury in an Athlete: A Case Report, COLLEGIUM ANTROPOLOGICUM 36 (2012)
9. Stolic, Ivana; Avdicevic, Monika; Bregovic, Nikola; Piantanida, Ivo; Glavas-Obrovac, Ljubica; Bajic, Miroslav, Synthesis, DNA Interactions and Anticancer Evaluation of Novel Diamidine Derivatives of 3,4-Ethylenedioxythiophene, CROATICA CHEMICA ACTA 85 (2012)
10. Krstulovic, Luka; Ismaili, Hamit; Bajic, Miroslav; Visnievac, Aleksandar; Glavas-Obrovac, Ljubica; Zinic, Biserka, Synthesis of Novel Aliphatic N-sulfonylamidino Thymine Derivatives by Cu(I)-catalyzed Three-component Coupling Reaction, CROATICA CHEMICA ACTA 85 (2012)
11. Kurbel, Sven, Can estrogen receptor overexpression in normal tissues due to previous estrogen deprivation explain the fulvestrant efficacy in breast cancer therapy?, MEDICAL HYPOTHESES 79 (2012)
12. Alkhamis, T; Barbic, J ; Crnogorac-Jurcevic, T; Greenlaw, RE; Peakman, M ; Jurcevic, S, Antibody combination therapy targeting CD25, CD70 and CD8 reduces islet inflammation and improves glycaemia in diabetic mice, CLINICAL AND EXPERIMENTAL IMMUNOLOGY 170 (2012)
13. Kibel, Aleksandar; Cavka, Ana; Cosic, Anita; Falck, John R; Drenjancevic, Ines, Effects of hyperbaric oxygenation on vascular reactivity to angiotensin II and angiotensin-(1-7) in rats, UNDERSEA AND HYPERBARIC MEDICINE 39 (2012)
14. Curic, Goran; Gasic, Vedran; Pluzaric, Vera; Smiljcic, Danijela, Genetic parameters of five new European Standard Set STR loci (D10S1248, D22S1045, D2S441, D1S1656, D12S391) in the population of eastern Croatia, CROATIAN MEDICAL JOURNAL 53 (2012)
15. Krstacic, Goran; Parati, Gianfranco; Gamberger, Dragan; Castiglioni, Paolo; Krstacic, Antonija; Steiner, Robert, Heart rate variability and nonlinear dynamic analysis in patients with stress-induced cardiomyopathy, MEDICAL & BIOLOGICAL ENGINEERING & COMPUTING 50 (2012)
16. Mlinac, Kristina; Tacer, Klementina Fon; Heffer, Marija; Rozman, Damjana; Bogнар, Svjetlana Kalanj, Cholesterogenic genes expression in brain and liver of ganglioside-deficient mice, MOLECULAR AND CELLULAR BIOCHEMISTRY 369 (2012)
17. Sturgill, Elizabeth R; Aoki, Kazuhiro; Lopez, Pablo H H; Colacurcio, Daniel; Vajn, Katarina; Lorenzini, Ileana; Majic, Senka; Yang, Won Ho; Heffer, Marija; Tiemeyer, Michael; Marth, Jamey D; Schnaar, Ronald L, Biosynthesis of the major brain gangliosides GD1a and GT1b, GLYCOBIOLOGY 22 (2012) [MEFOS ½, BIOLOS ½]
18. Kadojic, Dragutin; Dikanovic, Marinko; Bitunjac, Milan; Vuletic, Vladimira; Cengic, Ljiljana; Bijelic, Bibijana Rostohar, Epidemiology of stroke, Periodicum Biologorum 114 (2012)
19. Cvetkovic, Vlasta Vukovic; Kes, Vanja Basic; Seric, Vesna; Solter, Vesna Vargek; V Demarin, Vida; Janculjak, Davor; Petravic, Damir; Lakusic, Darija Mahovic; Hajnsek, Sanja; Lusic, Ivo; Bielen, Ivan; Basic, Silvio; Sporis, Davor; Soldo, Silva Butkovic; Antoncic, Igor, Report of the croatian society for neurovascular disorders, croatian medical association evidence based guidelines for treatment of primary headaches-2012 update, ACTA CLINICA CROATICA 51(2012)

20. Heitzler, Vjeran Nikolic; Babic, Zdravko; Milicic, Davor; Starcevic, Boris; Mirat, Jure; Strozzi, Maja; Plazonic, Zeljko; Giunio, Lovel; Steiner, Robert; Vukovic, Ivo; Bernat, Robert; Pintaric, Hrvoje, Evaluation of importance of door-to-balloon time and total ischemic time in acute myocardial infarction with st-elevation treated with primary percutaneous coronary intervention, ACTA CLINICA CROATICA 51 (2012)
21. Horvatek, Ivan; Jovanovic, Savo; Plecko, Damir; Radanovic, Branko; Horvatek, Marija, Clinical Importance of Changes to Femoral Bone Mineral Density around the Hip Endoprosthesis, COLLEGIUM ANTROPOLOGICUM 36 (2012)
22. Lukic, Marko; Segec, Ana; Segec, Igor; Pinotic, Ljerka; Pinotic, Kresimir; Atalic, Bruno; Solic, Kresimir; Vcev, Aleksandar, The Impact of the Vitamins A, C and E in the Prevention of Gastroesophageal Reflux Disease, Barrett's Oesophagus and Oesophageal Adenocarcinoma, COLLEGIUM ANTROPOLOGICUM 36 (2012)
23. Matijevic-Mikelic, Valentina; Crnkovic, Maja; Matijevic, Marko; Leovic, Dinko; Demarin, Vida, The Effectiveness of the Therapeutic Ultrasound on the Psycho-Physiological Functioning in Patients who Presented with Neck Pain, COLLEGIUM ANTROPOLOGICUM 36 (2012)
24. Biljan, Marta; Dmitrovic, Branko; Kristek, Jozo; Simundic, Ana-Maria; Mandic, Sanja; Seric, Vatroslav; Margaretic, Damir; Debeljak, Zeljko, Statistical learning confirms the diagnostic significance of the anemia panel in breast cancer, CLINICAL CHEMISTRY AND LABORATORY MEDICINE 50 (2012)
25. Ciraj-Bjelac, Olivera; Avramova-Cholakova, Simona; Beganovic, Adnan; Economides, Sotirios; Faj, Dario; Gershan, Vesna; Grupetta, Edward; Kharita, M. H.; Milakovic, Milomir; Milu, Constantin; Muhogora, Wilbroad E.; Muthuvelu, Pirunthavany; Oola, Samuel; Setayeshi, Saeid; Schandorf, Cyril; Ursulean, Ion; Videnovic, Ivan R.; Zaman, Areesha; Ziliukas, Julius; Rehani, Madan M, Image quality and dose in mammography in 17 countries in Africa, Asia and Eastern Europe: Results from IAEA projects, EUROPEAN JOURNAL OF RADIOLOGY 81 (2012)
26. Mlinac, Kristina; Milosevic, Natasa Jovanov; Heffer, Marija; Smalla, Karl-Heinz; RL Schnaar, Ronald L.; Bogнар, Svjetlana Kalanj, Neuroplastin Expression in the Hippocampus of Mice Lacking Complex Gangliosides, JOURNAL OF MOLECULAR NEUROSCIENCE 48 (2012)
27. Viljetic, Barbara; Labak, Irena; Majic, Senka; Stambuk, Anamaria; Heffer, Marija, Distribution of mono-, di- and trisialo gangliosides in the brain of Actinopterygian fishes, BIOCHIMICA ET BIOPHYSICA ACTA-GENERAL SUBJECTS 1820 (2012)
28. Kurbel, Sven, A phase plane graph based model of the ovulatory cycle lacking the "positive feedback" phenomenon, THEORETICAL BIOLOGY AND MEDICAL MODELLING 9 (2012)
29. Balajic, Karolina; Barac-Latas, Vesna; Drenjancevic, Ines; Ostojic, Marko; Fabijanic, Damir; Puljak, Livia, Influence of a vertical subject on research in biomedicine and activities of The Cochrane Collaboration branch on medical students' knowledge and attitudes toward evidence-based medicine, CROATIAN MEDICAL JOURNAL 53 (2012)
30. Filakovic, Pavo; Eric, Anamarija Petek; Radanovic-Grguric, Ljiljana, Metabolic syndrome and psychotropic medications, MEDICINSKI GLASNIK 9 (2012)

31. Selthofer-Relatic, Kristina; Divkovic, Dalibor; Radic, Radivoje; Vizjak, Vedrana; Selthofer, Robert; Steiner, Robert; Bosnjak, Ivica, Overweight - early stage of "adipokines related cardiovascular diseases": leptin and adiponectin relation to anthropometric parameters, MEDICINSKI GLASNIK 9 (2012)
32. Vceva, Andrijana; Danic, Davorin; Vcev, Aleksandar; Birtic, Darija; Mihalj, Hrvoje; Zubcic, Zeljko; Kotromanovic, Zeljko; Hadzibegovic, Ana Danic, The significance of Helicobacter pylori in patients with nasal polyposis, MEDICINSKI GLASNIK 9 (2012)
33. Bacun, Tatjana; Kibel, Aleksandar; Jelic, Kresimir; Pavic, Roman; Degmecic, Dunja; Sidorov, Dajana, From hypoglycemia to right heart infarction: treatment of hypoglycemia in type 1 diabetes, MEDICINSKI GLASNIK 9 (2012)
34. Mrsic, Gordan; Grskovic, Branka; Vrdoljak, Andro; Popovic, Maja; Valpotic, Ivica; Andelinovic, Simun; Stenzl, Vlastimil; Ehler, Edvard; Urban, Ludvik; Lackovic, Gordana; Underhill, Peter; Primorac, Dragan, Croatian national reference Y-STR haplotype database, MOLECULAR BIOLOGY REPORTS 39 (2012)
35. Polic, Melita Vuksic; Rucevic, Ivana; Barisic-Drusko, Vladimira; Miskulin, Maja; Glavas-Obrovac, Ljubica; Stefanic, Mario; Karner, Ivan; Lipozencic, Jasna; Bacun, Tatjana; Mihaljevic, Ivan, Polymorphisms of Vitamin D Receptor Gene in the Population of Eastern Croatia with Psoriasis vulgaris and Diabetes mellitus, COLLEGIUM ANTROPOLOGICUM 36 (2012)
36. Labor, Slavica; Labor, Marina; Juric, Iva; Vuksic, Zeljka, The Prevalence and Pulmonary Consequences of Anxiety and Depressive Disorders in Patients with Asthma, COLLEGIUM ANTROPOLOGICUM 36 (2012)
37. Margetic, Petra; Pavic, Roman, Comparative Assessment of the Acute Ankle Injury by Ultrasound and Magnetic Resonance, COLLEGIUM ANTROPOLOGICUM 36 (2012)
38. Calosevic, Srdan; Marcikic, Mladen; Lovric, Zvonimir; Calosevic, Suzana, Immediate Fatal Outcome vs. Fatal Outcome within the First 48 Hours Following a Severe Traffic Trauma - Analysis of the Possible Effect of Alcohol Intoxication on the Outcome , COLLEGIUM ANTROPOLOGICUM 36 (2012)
39. Bacun, Tatjana; Belovari, Tatjana; Vcev, Aleksandar; Mihaljevic, Ivan; Hanich, Toni; Fijacko, Vladimir; Glavas-Obrovac, Ljubica, An Overexpression of Icam-1 in Mild Hyperhomocysteinemia and Hyperglycemia - A Study of Antidiabetics Administration Effect, CROATICA CHEMICA ACTA 85 (2012)
40. Prpic-Krizevac, Ivana; Canecki-Varzic, Silvija; Bilic-Curcic, Ines, Hyperactivity of the hypothalamic-pituitary-adrenal axis in patients with type 2 diabetes and relations with insulin resistance and chronic complications, WIENER KLINISCHE WOCHENSCHRIFT 124 (2012)
41. Neseck-Adam, Visnja; Grizelj-Stojcic, Elvira; Mrsic, Viviana; Rasic, Zarko; Schwarz, Dragan, Preemptive Use of Diclofenac in Combination With Ketamine in Patients Undergoing Laparoscopic Cholecystectomy: A Randomized, Double-blind, Placebo-controlled Study, SURGICAL LAPAROSCOPY ENDOSCOPY & PERCUTANEOUS TECHNIQUES 22 (2012)

42. Brkic, Hrvoje; Buongiorno, Daniela; Ramek, Michael; Straganz, Grit; Tomic, Sanja, Dke1-structure, dynamics, and function: a theoretical and experimental study elucidating the role of the binding site shape and the hydrogen-bonding network in catalysis, *JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY* 17 (2012)
43. Kasnar-Samprec, Jelena; Ratkaj, Ivana; Miskovic, Katarina; Pavlak, Marina; Baus-Loncar, Mirela; Pavelic, Sandra Kraljevic; Glavas-Obrovac, Ljubica; Zinic, Biserka, In vivo toxicity study of N-1-sulfonylcytosine derivatives and their mechanisms of action in cervical carcinoma cell line, *INVESTIGATIONAL NEW DRUGS* 30 (2012)
44. Bosnjak, Zinka; Dzijan, Snjezana; Pavlinic, Dinko; Peric, Magdalena; Ruzman, Natasa; Krizan, Ivana Roksandic; Lauc, Gordan; Antolovic-Pozgain, Arlen; Burazin, Jelena; Vukovic, Dubravka, Distribution of Chlamydia trachomatis Serotypes in Clinical Urogenital Samples from North-Eastern Croatia, *CURRENT MICROBIOLOGY* 64 (2012)
45. Vassileva, Jenia; Rehani, Madan M.; Al-Dhuhli, Humoud; Al-Naemi, Huda M.; Al-Suwaidi, Jamila Salem; Appelgate, Kimberly; Arandjic, Danijela; Bashier, Einas Hamed Osman; Beganovic, Adnan; Benavente, Tony; Bieganski, Tadeusz; Dias, El-Nachef, Leila; Faj, Dario; Gamarra-Sanchez, Mirtha E.; Garcia-Aguilar, Juan; Gbelcova, L'ubka; Gershan, Vesna; Gershkevitch, Eduard; Gruppetta, Edward; Hustuc, Alexandru; Ivanovic, Sonja; Jauhari, Arif; Kharita, Mohammad Hassan; Kharuzhyk, Siarhei; Khelassi-Toutaoui, Nadia; Khosravi, Hamid Reza; Khoury, Helen; Kostova-Lefterova, Desislava; Kralik, Ivana; Liu, Lantao; Mazuoliene, Jolanta; Mora, Patricia; Muhogora, Wilbroad; Muthuvelu, Pirunthavany; Novak, Leos; Pallewatte, Aruna S.; Shaaban, Mohamed; Shelly, Esti; Stepanyan, Karapet; Teo, Eu-Leong Harvey J.; Thelsy, Naw; Visrutaratna, Pannee; Zaman, Areesha; Zontar, Dejan, IAEA Survey of Pediatric CT Practice in 40 Countries in Asia, Europe, Latin America, and Africa Part 1, Frequency and Appropriateness, *AMERICAN JOURNAL OF ROENTGENOLOGY* 198 (2012)
46. Dzumhur, A; Zibar, L.; Wagner, J; Simundic, T; Dembic, Z; Barbic, J, Association Studies of Gene Polymorphisms in Toll-Like Receptors 2 and 4 in Croatian Patients with Acute Myocardial Infarction, *SCANDINAVIAN JOURNAL OF IMMUNOLOGY* 75 (2012)
47. Brnic, Zoran; Blaskovic, Darko; Klasic, Branimir; Ramac, Jelena Popic; Flegaric-Bradic, Mirjana; Stimac, Damir; Lubin, Ivan Zvonimir; Brnic, Vedran; Faj, Dario, Image quality of mammography in Croatian nationwide screening program: Comparison between various types of facilities, *EUROPEAN JOURNAL OF RADIOLOGY* 81(2012)
48. Luksic, Boris; Mladinov, Suzana; Goic-Barisic, Ivana; Srzic, Ante; Brizic, Ivica; Peric, Ljiljana, Acute appendicitis, a rare complication of varicella: A report of three cases, *JOURNAL OF INFECTION* 64 (2012)
49. Naidoo, Kalnisha; Jones, Richard; Dmitrovic, Branko; Wijesuriya, Nilukshi; Kocher, Hemant; Hart, Ian R.; Crnogorac-Jurcevic, Tatjana, Proteome of formalin-fixed paraffin-embedded pancreatic ductal adenocarcinoma and lymph node metastases, *JOURNAL OF PATHOLOGY* 226 (2012)
50. Matijevic, Vesna; Poljakovic, Zdravka; Malojcic, Branko; Mismas, Antonija; Bazina, Antonela; Boban, Marina; Bilic, Ivica; Radanovic, Branko; Glavor, Klaudia Duka; Kidemet-Piskac, Spomenka; Habek, Mario, Systemic thrombolytic therapy in acute

ischemic stroke - New experiences in spreading network of stroke units in Croatia,
JOURNAL OF THE NEUROLOGICAL SCIENCES 314 (2012)

51. Kes, Vanja Basic; Zavoreo, Iris; Seric, Vesna; Solter, Vesna Vargek; Cesarik, Marijan; Hajnsek, Sanja; Pasic, Marija Bosnjak; Gabelic, Tereza; Basic, Silvio; Butkovic, Silva Soldo; Lusic, Ivo; Grbelja, Lidija Dezmalj; Vladic, Ante; Bielen, Ivan; Antoncic, Igor; Demarin, Vida, Recommendations for diagnosis and management of multiple sclerosis, ACTA CLINICA CROATICA 51 (2012)
52. Kusic, Zvonko; Jukic, Tomislav; Rogan, Suncica Andreja; Juresa, Vesna; Dabelic, Nina; Stanicic, Josip; Boric, Marta; Lukinac, Ljerka; Mihaljevic, Ivan; Punda, Ante; Smokvina, Aleksandar; Topalovic, Zlatko; Katalenic, Marijan, Current Status of Iodine Intake in Croatia - The Results of 2009 Survey, COLLEGIUM ANTROPOLOGICUM 36 (2012)
53. Pavic, Roman; Malovic, Mario, Isolated Capitellum Humeri Fractures in Adults, COLLEGIUM ANTROPOLOGICUM 36 (2012)
54. Zelic, Zoran; Jovanovic, Savo; Wertheimer, Vjekoslav; Saric, Gordan; Biuk, Egon; Gulan, Gordan, Results of the Surgical Reconstruction of the Anterior Cruciate Ligament, COLLEGIUM ANTROPOLOGICUM 36 (2012)
55. Pigac, Biserka; Dmitrovic, Branko; Maric, Svjetlana; Masic, Silvija, Cathepsin D and Its Prognostic Value in Neuroepithelial Brain Tumors, COLLEGIUM ANTROPOLOGICUM 36 (2012)
56. Opric, Svetlana; Opric, Dejan; Gugic, Damir; Granic, Miroslav, Phyllodes Tumors and Fibroadenoma Common Beginning and Different Ending , COLLEGIUM ANTROPOLOGICUM 36 (2012)
57. Sijanovic, Sinisa; Vidosavljevic, Domagoj; Sijanovic, Ivanka, Role of laparoscopic surgery in treatment of infertility, MEDICINSKI GLASNIK 9 (2012)
58. Begic, Ivana; Cavka, Ana; Mihaj, Martina; Bacun, Tatjana; Drenjancevic, Ines, Influence of short-term changes in sex hormones on serum concentrations of cellular adhesion molecules in young healthy women MEDICINSKI GLASNIK 9 (2012)
59. Kristek, Jozo; Sego, Krunoslav; Has, Borislav, Surgical treatment of patients with penetrating chest injuries sustained in war , MEDICINSKI GLASNIK 9 (2012)
60. Mihalj, Hrvoje; Mihalj, Martina; Zubcic, Zeljko; Vceva, Andrijana; Laksar, Zeljka; Males, Josip, Exploring possibilities in nasal polyposis treatment at one Croatian hospital, MEDICINSKI GLASNIK 9 (2012)
61. Bradvica, Ivanka Stenc; Janculjak, Davor; Butkovic-Soldo, Silva; Hecimovic, Ivan, Six years of following up a glomus jugulare tumor - a case report, MEDICINSKI GLASNIK 9 (2012)
62. Vidosavljevic, Domagoj; Sijanovic, Sinisa; Rubin, Mirjana; Petrovic, Maja Kosuta; Zuljevic, Kristina Abicic; Simic, Ivana, Intermittent hepatic porphyria in pregnancy with good perinatal outcome, MEDICINSKI GLASNIK 9 (2012)

63. Pigac, Biserka; Maric, Svjetlana; Masic, Silvija, Benign blue naevus of the lungs. MEDICINSKI GLASNIK 9 (2012)
64. Tomic, S; Butkovic-Soldo, S; Mirosevic-Zubonja, T, Bradycardia caused by accidental intake of high dose pramipexole, NEUROLOGIA CROATICA 61 (2012)
65. Kotromanovic, Zeljko; Birtic, Darija; Vceva, Andrijana; Medic, Darija; Zubcic, Zeljko; Mihalj, Hrvoje); Kotromanovic, Zdenka; Eric, Suzana; Dmitrovic, Branko; Stefanic, Mario, Non-functional Parathyroid Gland Carcinoma, a Rare Malignant Tumor of the Head and Neck, COLLEGIUM ANTROPOLOGICUM 36 (2012)
66. Pauzar, Biljana; Karner, Ivan; Gavas-Obrovac, Ljubica; Stefanic, Mario; Dmitrovic, Branko, PAX8-PPAR gamma Oncogene in Follicular Thyroid Tumors: RT-PCR and Immunohistochemical Analyses, COLLEGIUM ANTROPOLOGICUM 36 (2012)
67. Birtic, Darija; Vceva, Andrijana; Kotromanovic, Zeljko; Zubcic, Zeljko; Mihalj, Hrvoje; Jovanovic, Savo, Significance of the Pepsin from the Saliva in the Diagnosis and Treatment of Laryngopharyngeal Reflux Disease , COLLEGIUM ANTROPOLOGICUM 36 (2012)
68. Hadzibegovic, Ana Danic; Danic, Davorin; Prgomet, Drago; Ticac, Robert; Kozmar, Ana, Analysis of Saliva Pepsin Level in Patients with Tracheoesophageal Fistula and Voice Prosthesis Complications, COLLEGIUM ANTROPOLOGICUM 36 (2012)
69. Rosso, Marinela; Kraljik, Nikola; Mihaljevic, Ivan; Siric, Ljiljana; Sos, Dario; Vranjes, Zeljko, Epidemiology of Laryngeal Cancer in Osijek-Baranja County (Eastern Croatia), COLLEGIUM ANTROPOLOGICUM 36 (2012)
70. Peric, Marija; Milicic, Valerija; Pajtler, Marija; Marjanovic, Ksenija; Zubcic, Vedran, Potential Value and Disadvantages of Fine Needle Aspiration Cytology in Diagnosis of Ameloblastoma, COLLEGIUM ANTROPOLOGICUM 36 (2012)
71. Danic, Davorin; Hadzibegovic, Ana Danic; Stojadinovic, Tomislav; Damjanovic, Dino; Gudelj, Antoneta; Mahovne, Ivana, Harmonic Scalpel Surgical Treatment of the Tongue Angioleiomyoma - Case Report and Review of the Literature, COLLEGIUM ANTROPOLOGICUM 36 (2012)
72. Kotromanovic, Zeljko; Mihalj, Hrvoje; Zubcic, Zeljko; Vceva, Andrijana; Birtic, Darija; Kotromanovic, Zdenka; Rajc, Jasmina, Angiosarcoma of the Hypopharynx: Case Report, COLLEGIUM ANTROPOLOGICUM 36 (2012)
73. Shah, Aftab A.; Mihalj, Martina; Ratkay, Ivana; Lubka-Pathak, Maria; Balogh, Peter; Klingel, Karin; Bohn, Erwin; Blin, Nikolaus; Baus-Loncar, Mirela, Increased Susceptibility to Yersinia enterocolitica Infection of Tff2 Deficient Mice, CELLULAR PHYSIOLOGY AND BIOCHEMISTRY 30 (2012)
74. Bojic, Mirza; Debeljak, Zeljko; Marica-Medic-Saric; Tomicic, Maja, Interference of selected flavonoid aglycons in platelet aggregation assays, CLINICAL CHEMISTRY AND LABORATORY MEDICINE 50 (2012)
75. Sijanovic, Sinisa; Vidosavljevic, Domagoj; Kosuta-Petrovic, Maja, Vaginoscopy and vaginal foreign body in children: case report, GINECO RO 8 (2012)

76. Leovic, Dinko; Sabol, Maja; Ozretic, Petar; Musani, Vesna; Car, Diana; Marjanovic, Ksenija; Zubcic, Vedran; Sabol, Ivan; Sikora, Miroslav; Grce, Magdalena); Glavas-Obrovac, Ljubica; Levanat, Sonja, Hh-Gli signaling pathway activity in oral and oropharyngeal squamous cell carcinoma, HEAD AND NECK-JOURNAL FOR THE SCIENCES AND SPECIALTIES OF THE HEAD AND NECK 34 (2012)
77. Wagner, Jasenka, Free DNA - new potential analyte in clinical laboratory diagnostics?, BIOCHEMIA MEDICA 22 (2012)
78. Miskulin, Maja; Puntaric, Dinko; Bozikov, Jadranka; Miskulin, Ivan; Ruzman, Natasa, Objective Identification of Sexual Risk Behavior Among Blood Donors in Croatia: Is it Reality?, CLINICAL LABORATORY 58 (2012)
79. Dinjar, Kristijan; Toth, Jurica; Atalic, Bruno; Radanovic, Danijela; Maric, Svjetlana, Evaluation of Influences of the Viennese Anatomical School on the work of the Croatian Anatomist Jelena Krmpotic-Nemanic, WIENER KLINISCHE WOCHENSCHRIFT 124 (2012)
80. Eric, M; Leppee, M; Sabo, A; Culig, J, Beta-lactam antibiotics during pregnancy: a cross-sectional comparative study Zagreb-Novı Sad, EUROPEAN REVIEW FOR MEDICAL AND PHARMACOLOGICAL SCIENCES 16 (2012)
81. Vranekovic, Jadranka; Bozovic, Ivana Babic; Grubic, Zorana; Wagner, Jasenka; Pavlinic, Dinko; Dahoun, Sophie; Bena, Frederique; Culic, Vida; Brajenovic-Milic, Bojana, Down Syndrome: Parental Origin, Recombination, and Maternal Age, GENETIC TESTING AND MOLECULAR BIOMARKERS 16 (2012)
82. Bosnar, Damir; Elabjer, Biljana Kuzmanovic; Basic, Mladen; Roncevic, Mirjana Bjelos; Miletic, Daliborka; Barac, Josip, Optical low-coherence reflectometry enables preoperative detection of zonular weakness in pseudoexfoliation syndrome, GRAEFES ARCHIVE FOR CLINICAL AND EXPERIMENTAL OPHTHALMOLOGY 250 (2012)
83. Eric, Mirela; Ravnik, Dean; Zic, Rado; Dragnic, Natasa; Krivokuca, Dragan; Leksan, Igor; Hribernik, Marija, Deep inferior epigastric perforator flap: An anatomical study of the perforators and local vascular differences, MICROSURGERY 32 (2012)
84. Rucevic, Ivana; Stefanic, Mario; Tokic, Stana; Vuksic, Melita; Glavas-Obrovac, Ljubica; Barisic-Drusko, Vladimira, Lack of association of vitamin D receptor gene 3'-haplotypes with psoriasis in Croatian patients , JOURNAL OF DERMATOLOGY 39 (2012)
85. Poje, M; Vukovic, B; Radolic, V; Miklavcic, I; Faj, D; Pajtler, M. Varga; Planinic, J, Mapping of cosmic radiation dose in Croatia, JOURNAL OF ENVIRONMENTAL RADIOACTIVITY 103 (2012) [MEFOS ½, FIZOS ½]
86. Vasiljevic, Dragan; Dekic, Ljiljana; Primorac, Marija, Long-term stability investigation of o/w cosmetic creams stabilized by mixed emulsifier HEMIJSKA INDUSTRIJA 66 (2012)
87. Gvozdic, Vlatka; Cacic, Ljiljana; Brana, Josip; Puntaric, Dinko; Vidosavljevic, Domagoj, Chemometric analysis of groundwater quality data around municipal landfill

and paper factory and their potential influence on population's health, MEDICINSKI GLASNIK. 9 (2012) [MEFOS 1/3, FIZOS 1/3, KEMOS 1/3]

88. Bernat, Robert; Szavits-Nossan, Janko; Trbovic, Aleksandar; Kapov-Svilicic, Ksenija; Sesto, Igor; Sipic, Tomislav, Relationship of Genetic Markers for Atherosclerosis and Long-Term Outcome after Percutaneous Coronary Intervention with Stenting COLLEGIUM ANTROPOLOGICUM 36 (2012)
89. Szavits-Nossan, Janko; Stipic, Hrvoje; Sesto, Igor; Kapov-Svilicic, Ksenija; Sipic, Tomislav; Bernat, Robert, Angiographic Control and Percutaneous Treatment of Myocardial Ischemia Immediately after CABG, COLLEGIUM ANTROPOLOGICUM 36 (2012)
90. Miletic, Daliborka; Elabjer, Kuzmanovi, Biljana; Basic, Mladen; Elabjer, Esmat; Bosnar, Damir, Modified Operative Technique for Involutional Lower Lid Entropion, COLLEGIUM ANTROPOLOGICUM 36 (2012)
91. Leppee, Marcel; Boskovic, Jelena; Culig, Josip; Eric, Mirela, Pharmacy claims data as a tool to measure adherence, CURRENT MEDICAL RESEARCH AND OPINION 28 (2012)
92. Restek-Petrovic, Branka; Mihanovic, Mate; Grah, Majda; Molnar, Sven; Bogovic, Anamarija; Agius, Mark; Kezic, Slobodanka; Grosic, Vladimir; Mayer, Nina; Svrdlin, Pero, Early intervention program for psychotic disorders at the psychiatric hospital "svetiivan", PSYCHIATRIA DANUBINA 24 (2012)
93. Pisk, Sandra Vuk; Mihanovic, Mate; Silic, Ante; Bogovic, Anamarija; Vidovic, Vesna, Self-concept in overweight adolescents, SOUTH AFRICAN JOURNAL OF PSYCHIATRY 18 (2012)
94. Darabos, Nikica; Bajcs, Ivana Dovzak; Sabalic, Srecko; Pavic, Roman; Darabos, Anela; Cengic, Tomislav, Elements for successful functional result after surgical treatment of intra-articular distal humeral fractures, ACTA CLINICA CROATICA 51 (2012)
95. Powell, Jerry; Martinowitz, Uri; Windyga, Jerzy; Di, Minno Giovanni; Hellmann, Andrzej; Pabinger, Ingrid; Enriquez, Monika Maas; Schwartz, Lawrence; Ingerslev, Jorgen; Pabinger-Fasching I; Hermans, C; Poon, MC; Ritchie, B; Tinmouth, A; Teitel, J; Zupancic-Salek, S, Efficacy and safety of prophylaxis with once-weekly BAY 79-4980 compared with thrice-weekly rFVIII-FS in haemophilia A patients, THROMBOSIS AND HAEMOSTASIS 108 (2012)
96. Balen, Marica Jandric; Lukenda, Vesna; Jandric, Ivan; Raguz, Antonija; Zukanovic, Sidbela; Miskic, Blazenka, HbA(1C) - overall glycemia marker and hemolytic anemia indicator MEDICINSKI GLASNIK 9 (2012)
97. Massari, Drazen; Prpic-Massari, Larisa; Kehler, Tatjana; Kastelan, Marija; Curkovic, Bozidar; Persic, Viktor; Ruzic, Alen; Laskarin, Gordana, Analysis of granulysin-mediated cytotoxicity in peripheral blood of patients with psoriatic arthritis, RHEUMATOLOGY INTERNATIONAL 32 (2012)
98. Maksimovic, Bojana; Neretljak, Ivan; Vidas, Zeljko; Vojtusek, I; Kovacevic, Tomulic Katarina; Knotek, Mladen, Treatment of bleeding after kidney biopsy with

recombinant activated factor VII, BLOOD COAGULATION & FIBRINOLYSIS 23
(2012)

99. Dika, Zivka; Juras, Josip; Kos, Jelena; Edwards, Karen; Fistrek, Margareta; Premuzic, Vedran; Laganovic, Mario; Abramovic-Baric, Mirta; Cvitkovic, Ante; Vukovic, Lela Ivana; Karanovic, Sandra; Juric, Dragana; Bitunjac, Milan; Teskera, Tomislav; Jelakovic, Bojan, Prevalence, Treatment and Control of Hypertension in a Croatian Endemic Nephropathy Area, KIDNEY & BLOOD PRESSURE RESEARCH 35 (2012)
100. Ivanis, Nikola; Grubescic, Aron; Sosa, Ivan; Ivanis, Viktor; Suke, Ramadan; Kovacevic, Miljenko, Significance of Mini Radial Endoscope Ultrasound (MREUS) in Diagnosis and Therapy of Colorectal Neoplasia, COLLEGIUM ANTROPOLOGICUM 36(2012)
101. Erceg, Damir; Nenadic, Natasa; Plavec, Davor; Nogalo, Boro; Turkalj, Mirjana, Inhaled corticosteroids used for the control of asthma in a "real-life" setting do not affect linear growth velocity in prepubertal children, MEDICAL SCIENCE MONITOR 18 (2012)
102. Arslani, Nuhi; Patrlj, Leonardo; Rajkovic, Zoran; Papes, Dino; Altarac, Silvio, A Randomized Clinical Trial Comparing Ligasure Versus Stapled Hemorrhoidectomy SURGICAL LAPAROSCOPY ENDOSCOPY & PERCUTANEOUS TECHNIQUES 22 (2012)
103. Altarac, Silvio; Katusin, Davorin; Crnica, Suad; Pape, Dino; Rajkovic, Zoran; Arslani, Nuhi, Fournier's Gangrene: Etiology and Outcome Analysis of 41 Patients UROLOGIA INTERNATIONALIS 88 (2012)

POLJOPRIVREDNI FAKULTET

1. Vilim, Filipović; Dragutin, Petošić; Vedran, Rubinić; Monika, Marković, Impact of agriculture on the quality of percolating water: Case study in eastern Croatia, JOURNAL OF FOOD AGRICULTURE & ENVIRONMENT (2012) 10, 3/4, 1335-13362.
2. Luka, Andrić; Mirta, Rastija; Tihana, Teklić; Vlado, Kovačević, Response of maize and soybeans to liming, TURKISH JOURNAL OF AGRICULTURE AND FORESTRY (2012) 36, 4, 415-420.
3. Lidija, Jakobek; Mato, Drenjančević; Vladimir, Jukić; Marijan, Šeruga, Phenolic acids, flavonols, anthocyanins and antiradical activity of „Nero“, „Viking“, „Galicianka“ and wild chokeberries, SCIENTIA HORTICULTURAE (2012) 147, 56-63. [PFOS ½, PTFOS ½]

4. Zoran, Marković; Dejan, Milenković; Jelena, Đorović; Jasmina, Dimitrić Marković; Višnja, Stepanić; Bono, Lučić; Dragan, Amić, Free radical scavenging activity of morin 2⁻-O⁻ phenoxide anion, FOOD CHEMISTRY (2012) 135, 3, 2070-2077.
5. Zoran, Marković; Dejan, Milenković; Jelena, Đorović; Jasmina, Dimitrić Marković; Višnja, Stepanić; Bono, Lučić; Dragan, Amić, PM6 and DFT study of free radical scavenging activity of morin, FOOD CHEMISTRY (2012) 134, 4, 1754-1760.
6. Vesna, Rastija; Drago, Bešlo; Sonja, Nikolić, Two-dimensional quantitative structure–activity relationship study on polyphenols as inhibitors of α -glucosidase, MEDICINAL CHEMISTRY RESEARCH (2012) 21, 3984-3993.
7. Vijay, Hariram Masand; Devidas, Totaram Mahajan; Komalsing, Narayansing Patil; Taibi, Ben Hadda; Rahul, Dadaraoji Jawarkar; Sumer, D. Thakur; Vesna, Rastija, CoMSIA and POM analyses of anti-malarial activity of synthetic prodiginines, BIOORGANIC & MEDICINAL CHEMISTRY LETTERS (2012) 22, 4827-4835.
8. Bojana, Vukelić; Branka, Salopek-Sondi; Jasminka, Špoljarić; Igor, Sabljčić; Nevenka, Meštrović; Dejan, Agić; Marija, Abramić, Reactive cysteine in the active-site motif of Bacteroides thetaiotaomicron dipeptidyl peptidase III is a regulatory residue for the enzyme activity, BIOLOGICAL CHEMISTRY (2012) 393, 37-46.
9. Jadranka, Mustapić-Karlič; Tihana, Teklić; Nada, Parađiković; Tomislav, Vinković; Miroslav, Lisjak; Marija, Špoljarević, The effects of light regime and substrate on flower productivity and leaf mineral composition in two gerbera cultivars, JOURNAL OF PLANT NUTRITION (2012) 35, 11, 1671-1682.
10. Zdenko, Lončarić; Brigita, Popović; Krunoslav, Karalić; Zorica, Jurković; Ante, Nevistić, Meri, Engler, Soil chemical properties and wheat genotype impact on micronutrient and toxic elements content in wheat integral flour, MEDICINSKI GLASNIK (2012) 9, 1, 97-103.
11. Jelena, Poštić; Jasenka, Ćosić; Karolina, Vrandečić; Draženka, Jurković; Amgad, A.Saleh; John, F. Leslie, Diversity of Fusarium Species Isolated from Weeds and Plant Debris in Croatia, JOURNAL OF PHYTOPATHOLOGY-PHYTOPATHOLOGISCHE ZEITSCHRIFT (2012) 160, 2, 76-81.
12. Jasenka, Ćosić; Karolina, Vrandečić; Draženka, Jurković; Jelena, Poštić; Laura, Orzali; Luca, Riccioni, First report of lavender wilt caused by Fusarium sporotrichioides in Croatia, PLANT DISEASE (2012) 96, 4, 591
13. Zuzana, Kučerova; Li, Zhi-Hong; Irma, Kalinović; Qian-Qian, Yang; Jirina, Hromadkova; Charles, Lienhard, The external morphology of females, males and eggs of a Liposcelis silvarum (Insecta: Psocodea: Liposcelididae) strain with unusually developed compound eyes, visualised with scanning electron microscopy, ITALIAN JOURNAL OF ZOOLOGY (2012) 79, 3, 402-409.

14. Qian-Qian, Yang; Zuzana, Kučerova; Li, Zhihong; Irma, Kalinović; Vaclav, Stejskal; George, Opit; Cao, Yang, Diagnosis of *Liposcelis entomophila* (Insecta: Psocodea: Liposcelididae) based on morphological characteristics and DNA barcodes, JOURNAL OF STORED PRODUCTS RESEARCH (2012) 48, 120-125.
15. Besi, Roić; Lorena, Jemeršić; Svjetlana, Terzić; Tomislav, Keros; Jelena, Balatinec; Tihomir, Florijančić, Prevalence of antibodies to selected viral pathogens in wild boars (*Sus scrofa*), JOURNAL OF WILDLIFE DISEASES (2012) 48, 1, 131-137.
16. Marcela, Šperanda; Tihomir, Florijančić; Tomislav, Šperanda; Sanja, Mandić; Ivica, Bošković; Mislav, Đidara; Siniša, Ozimec; Vesna, Horvat; Dragsn, Šefer; Radmila, Marković, Steroid hormones profile during an ovarian synchronization procedure in different age categories of red deer hinds (*Cervus elaphus* L.), ACTA VETERINARIA (BEOGRAD) (2012) 62, 1, 67-75.
17. Svjetlana, Terzić; Besi, Roić; Lorena, Jemeršić; Tihomir, Florijančić, Application of commercial enzyme linked immunosorbent assays (ELISA) for the detection of antibodies for foot-and-mouth disease virus in wild boar and red deer, ACTA VETERINARIA-BEOGRAD (2012) 62, 2-3, 289-296.
18. Zvonimir, Tucak; Ida, Parčetić-Kostelac; Tatjana, Tušek; Antun, Beus; Gordana, Jurić-Lekić; Ivan, Valek; Anica, Sabo; Marin, Periškić; Sanda, Vladimir-Knežević, The Trend of Parasitic Diseases among the Population of Osječko-baranjska County during the period 1996-2010, COLLEGIUM ANTROPOLOGICUM (2012) 36, 1, 287-292.
19. Dragutin, Vincek; Gordana, Kralik; Goran, Kušec, Application of growth function in the prediction of live weight of domestic animals, CENTRAL EUROPEAN JOURNAL OF OPERATIONS RESEARCH (2012) 20, 719-733.
20. Gordana, Kralik; Valentina, Pavić; Dalida, Galović, Fatty acid composition and lipid and protein oxidation products in muscles of broilers fed with different plant oils, ARCHIV FÜR GEFLUGELKUNDE (2012) 76, 4, 259-269. [PFOS ½, BIOLOS ½]
21. Zlata, Kralik; Gordana, Kralik; Manuela, Grčević, Effects of increased content of organic selenium in feed on the selenium content and fatty acid profile in broiler breast muscle, ACTA VETERINARIA BRNO (2012) 81, 1, 31-35.
22. Dragutin, Vincek; Kristian, Sabo; Goran, Kušec, Modeling of pig growth by S-function – least absolute deviation approach for parameter estimation, ARCHIV FÜR TIERZUCHT (2012) 55, 4, 364-374. [PFOS ½, MATHOS ½]

23. Nina, Bogutskaya; Primož, Župančič; Ivan, Bogut, Two new freshwater fish species of the genus *Telestes* (Actinopterygii, Cyprinidae) from karst poljes in Eastern Herzegovina and Dubrovnik littoral, ZOOKEYS (2012) 180, 53-80.
24. Zdenko, Ivkić; Marija, Špehar; Vesna, Bulić; Pero, Mijić; Ante, Ivanković; Drago, Solić, Estimation of genetic parameters and environmental effects on somatic cell count in Simmental and Holstein breeds, MLJEKARSTVO (2012) 62, 2, 143-150.
25. Anamaria, Ekert Kabalin; Tomislav, Balenović; Marcela, Šperanda; Velimir, Sušić; Željko, Pavičić; Suzana, Milinković-Tur; Igor, Štoković; Sven, Menčik, Influence of body mass at birth on the activity of enzymes and biocatalysts concentration in the serum of Large White piglets until weaning, Veterinarski Arhiv (2012) 82, 5, 483-494.
26. Ivan, Križek; Danijela, Horvat; Željko, Gottstein; Zvonimir, Steiner; Dalida, Galović; Željka, Ervaćinović; Estella, Prukner-Radovčić, Epidemiological study of *Chlamydophila psittaci* in pet birds in Croatia, ACTA VETERINARIA-BEOGRAD (2012) 62, 2-3, 325-331.
27. Mario, Ostović; Željko, Pavičić; Alenka, Tofant; Anamaria, Ekert Kabalin; Sven, Menčik; Dalibor, Potočnjak; Boris, Antunović, Sow parity, body length, postural changes and piglet crushing. VETERINARSKI ARHIV (2012) 82, 4, 319-326.
28. Željka, Klir; Zvonko, Antunović; Josip, Novoselec, Influence of goats feeding on the fatty acids content in milk. MLJEKARSTVO (2012) 62, 4, 231-240.
29. Stipica, Novoselac; Todor, Ergić; Pavo, Baličević, Linear and Nonlinear Buckling and Post buckling Analysis of a Bar with Influence of Imperfections, TECHNICAL GAZETTE (2012) 19, 3, 695-701. [PFOS ½, SFSB ½]

PREHRAMBENO TEHNOLOŠKI FAKULTET

1. Sokolic-Mihalak, Darja; Frece, Jadranka; Slavica, Anita; Delas, Frane; Pavlovic, Hrvoje; Markov, Ksenija, The effects of wild thyme (*Thymus Serpyllum* L.) essential oil components against ochratoxin-producing *Aspergilli*, ARHIV ZA HIGIJENU RADA I TOKSIKOLOGIJU 63 (2012)
2. Jokic, Stela; Vidovic, Senka; Zekovic, Zoran; Kuzmanovic, Sanja Podunavac; Jevric, Lidija; Maric, Branimir, Chemometric analysis of tocopherols content in soybean oil obtained by supercritical CO₂, JOURNAL OF SUPERCRITICAL FLUIDS 72 (2012)
3. Klapac, Tomislav; Sarkanj, Bojan; Banjari, Ines; Strelec, Ivica, Urinary ochratoxin A and ochratoxin alpha in pregnant women, FOOD AND CHEMICAL TOXICOLOGY 50 (2012)

4. Kopjar, Mirela; Jaksic, Kristijan; Pilizota, Vlasta, Influence of sugars and chlorogenic acid addition on anthocyanin content, antioxidant activity and color of blackberry juice during storage, JOURNAL OF FOOD PROCESSING AND PRESERVATION 36 (2012)
5. Jokic, Stela; Cvjetko, Marina; Bozic, Durdica; Fabek, Sanja; Toth, Nina; Vorkapic-Furac, Jasna; Redovnikovic, Ivana Radojcic, Optimisation of microwave-assisted extraction of phenolic compounds from broccoli and its antioxidant activity, INTERNATIONAL JOURNAL OF FOOD SCIENCE AND TECHNOLOGY 47 (2012)
6. Jakobek, Lidija; Drenjancevic, Mato; Jukic, Vladimir; Seruga, Marijan, Phenolic acids, flavonols, anthocyanins and antiradical activity of "Nero", "Viking", "Galicianka" and wild chokeberries, SCIENTIA HORTICULTURAE 147 (2012) [PFOS ½, PTFOS ½]
7. Mujic, Ibrahim; Kralj, Mojca Bavcon; Jokic, Stela; Jarni, Kristjan; Jug, Tjasa; Prgomet, Zeljko, Changes in aromatic profile of fresh and dried fig - the role of pre-treatments in drying process, INTERNATIONAL JOURNAL OF FOOD SCIENCE AND TECHNOLOGY 47 (2012)
8. Jokic, Stela; Nagy, Bence; Zekovic, Zoran; Vidovic, Senka; Bilic, Mate; Velic, Darko; Simandi, Bela, Effects of supercritical CO₂ extraction parameters on soybean oil yield, FOOD AND BIOPRODUCTS PROCESSING 90 (2012)
9. Strelec, Ivica; Kucko, Lucija; Roknic, Dragica; Mrsa, Vladimir; Ugarcic-Hardi, Zaneta, Spectrofluorimetric, spectrophotometric and chemometric analysis of wheat grains infested by Sitophilus granarius, JOURNAL OF STORED PRODUCTS RESEARCH 50 (2012)
10. Molnar, Maja; Cacic, Milan; Zrinusic, Sanja Zec, Synthesis and antioxidant evaluation of schiff bases derived from 2,6-pyridinedicarboxylic acid, LETTERS IN ORGANIC CHEMISTRY 9 (2012)
11. Cetina, Mario; Nagl, Ante; Gaso-Sokac, Dajana; Kovac, Spomenka; Busic, Valentina; Saftic, Dijana, Extensive intramolecular and intermolecular interactions in two quaternary salts of the pyridoxal oxime, JOURNAL OF CHEMICAL CRYSTALLOGRAPHY 42 (2012) [PTFOS ½, KEMOS ½]
12. Kovachevic, Dragan; Mastanjevic, Kresimir, Cryoprotective effect of maltose on washed and frozen stored chicken meat, BULGARIAN JOURNAL OF AGRICULTURAL SCIENCE 18 (2012)
13. Radojkovic, Marija; Zekovic, Zoran; Jokic, Stela; Vidovic, Senka, Determination of optimal extraction parameters of mulberry leaves using Response Surface Methodology (RSM), ROMANIAN BIOTECHNOLOGICAL LETTERS 17 (2012)
14. Radojkovic, Marija; Zekovic, Zoran; Jokic, Stela; Vidovic, Senka; Lepojevic, Zika; Milosevic, Svetlana, Optimization of solid-liquid extraction of antioxidants from black mulberry leaves by Response Surface Methodology, FOOD TECHNOLOGY AND BIOTECHNOLOGY 50 (2012)
15. Cvjetko, Marina; Jokic, Stela; Lepojevic, Zika; Vidovic, Senka; Maric, Branimir; Redovnikovic, Ivana Radojcic, Optimization of the supercritical CO₂ extraction of oil from rapeseed using Response Surface Methodology, FOOD TECHNOLOGY AND BIOTECHNOLOGY 50 (2012)

16. Antunovic, Zvonimir; Klapac, Tomislav; Cavar, Suzana Mioc, Boris;; Novoselec, J; Klir, Z., Changes of heavy metal concentrations in goats milk during lactation stage in organic breeding, BULGARIAN JOURNAL OF AGRICULTURAL SCIENCE 18 (2012)
17. Sertovic, Edina; Mujic, Ibrahim; Jokic, Stela, Alibabic, Vildana; Saric, Zlatan, Effect of soybean cultivars on the content of isoflavones in soymilk, ROMANIAN BIOTECHNOLOGICAL LETTERS 17 (2012)
18. Subaric, Drago; Ackar, Durdica; Babic, Jurislav; Milicevic, Borislav, Starch for health MEDICINSKI GLASNIK 9 (2012)
19. Jerkovic, Igor; Gaso-Sokac, Dajana; Pavlovic, Hrvoje; Marijanovic, Zvonimir; Gugic, Mirko; Petrovic, Ivana; Kovac, Spomenka, Volatile organic compounds from centaurium erythraea rafn (Croatia) and the antimicrobial potential of its essential oil, MOLECULES 17 (2012) [PTFOS ½, KEMOS ½]
20. Lukic, Igor; Milicevic, Borislav; Tomas, Srecko; Radeka, Sanja; Persuric, Dordano, Relationship between volatile aroma compounds and sensory quality of fresh grape marc distillates, JOURNAL OF THE INSTITUTE OF BREWING 118 (2012)
21. Slacanac, Vedran; Lucan, Mirela; Hardi, Jovica; Krstanovic, Vinko; Komlenic, Daliborka Koceva, Fermentation of honey-sweetened soymilk with Bifidobacterium lactis Bb-12 and Bifidobacterium longum Bb-46: fermentation activity of Bifidobacteria and in vitro antagonistic effect against Listeria monocytogenes FSL N1-017, CZECH JOURNAL OF FOOD SCIENCES 30 (2012)
22. Pichler, Anita; Pozderovic, Andrija; Pavlovic, Jasmina, Influence of sugars, modified starches, and hydrocolloids additions on the rheological properties of raspberry cream filling, CZECH JOURNAL OF FOOD SCIENCES 30 (2012)
23. Jakobek, Lidija; Seruga, Marijan, Influence of anthocyanins, flavonols and phenolic acids on the antiradical activity of berries and small fruits, INTERNATIONAL JOURNAL OF FOOD PROPERTIES 15 (2012)
24. Tisma, Marina; Znidarsic-Plazl, Polona; Vasic-Racki, Durda; Zelic, Bruno, Optimization of laccase production by trametes versicolor cultivated on industrial waste, APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY 166 (2012)

STROJARSKI FAKULTET

1. Stojkov, Marinko; Atic, Mirza; Softic, Amir, Application of fuzzy logic for reactive power compensation by synchronous motors with variable load, TEHNICKI VJESNIK-TECHNICAL GAZETTE, 19(2012)
2. Neslusan, Miroslav; Mrkvica, Ivan; Cep, Robert; Raos, Pero, Heat distribution when nickel alloy grinding, TEHNICKI VJESNIK-TECHNICAL GAZETTE, 19(2012)
3. Galeta, Tomislav.; Raos, Pero; Somolanji, M., Impact of Structure and Building Orientation on Strentgh of 3D printed Models, KGK-KAUTSCHUK GUMMI KUNSTSTOFFE, 65(2012)

4. Matesa, B.; Samardzic, Ivan.; Dunder, Marko., Effect of cladding procedures on mechanical properties of heat treated dissimilar joint, METALURGIJA, 51(2012)
5. Sostaric, D.; Samardzic, Ivan.; Pintaric, A., Quality monitoring at fusion welding of polyethylene high-density pipes , METALURGIJA, 51(2012) [ETFOS ½, SFSB ½]
6. Novoselac, Stipica; Ergic, Todor; Balicevic, Pavo, Linear and nonlinear buckling and post buckling analysis of a bar with the influence of imperfections, TEHNICKI VJESNIK-TECHNICAL GAZETTE, 19(2012), [PFOS ½, SFSB ½]
7. Micic, Jadranka; Pavic, Zlatko; Pecaric, Josip, Some better bounds in converses of the jensen operator inequality, OPERATORS AND MATRICES, 6(2012)
8. Vuherer, T.; Maruschak, P.; Samardzic, Ivan., Behaviour of coarse grain heat affected zone haz during cycle loading, METALURGIJA, 51(2012)
9. Zelenak, M.; Valicek, J.; Hloch, S.; Kozak, Dražan.; Samardzic, Ivan; Harnicarova, M.; Klich, J.; Hlavacek, P.; Cincio, R., Comparison of mechanical properties of surface layers with use of nanoindentation and microindentation tests, METALURGIJA, 51(2012)
10. Agarski, Boris; Kljajin, Milan; Budak, Igor; Tadic, Branko; Vukelic, Djordje; Bosak, Martin; Hodolic, Janko, Application of multi-criteria assessment in evaluation of motor vehicles' environmental performances, TEHNICKI VJESNIK-TECHNICAL GAZETTE, 19(2012)
11. Stefanic, Ivan; Raos, Pero; Samardzic, Ivan; Tintor, Boris; Musser, Edo, Rapid prototyping of casting cores, TEHNICKI VJESNIK-TECHNICAL GAZETTE, 19(2012)
12. Valicek, J.; Cep, R.; Rokosz, K.; Lukianowicz, C.; Kozak, D.; Zelenak, M.; Kostial, P.; Hloch, S.; Harnicarova, M.; Hlavacek, P.; Haluzikova, B., New way to take control of a structural grain size in the formation of nanomaterials by extrusion, MATERIALWISSENSCHAFT UND WERKSTOFFTECHNIK, 43(2012),
13. Matesa, B.; Samardzic, Ivan.; Dunder, Marko, The influence of the heat treatment on delta ferrite transformation in austenitic stainless steel welds, METALURGIJA, 51(2012),
14. Talar, R.; Stoic, A., Finish machining of hardened gears wheels using cubic boron nitride cbn inserts, METALURGIJA, 51(2012)
15. Brillova, Katerina; Ohlidal, Miloslav; Valicek, Jan; Kozak, Dražan; Hloch, Sergej; Zelenak, Michal; Harnicarova, Marta; Hlavacek, Petr, Spectral analysis of metallic surfaces topography generated by abrasive waterjet, TEHNICKI VJESNIK-TECHNICAL GAZETTE, 19(2012)
16. Milinovic, Andrijana; Krumes, Dragomir; Markovic, Radojka, An investigation of boride layers growth kinetics on carbon steels, TEHNICKI VJESNIK-TECHNICAL GAZETTE, 19(2012)

17. Galzina, Vjekoslav; Lujic, Roberto; Saric, Tomislav, Adaptive fuzzy particle swarm optimization for flow-shop scheduling problem, TEHNICKI VJESNIK-TECHNICAL GAZETTE, 19(2012),
18. Pavic, Zlatko; Pecaric, Josip; Vukelic, Ana, Means for Divided Differences and Exponential Convexity, MEDITERRANEAN JOURNAL OF MATHEMATICS, 9(2012)
19. Micic, Jadranka; Pavic, Zlatko; Pecaric, Josip, The Inequalities for Quasiarithmetic Means, ABSTRACT AND APPLIED ANALYSIS, (2012)
20. Brillova, K.; Ohlidal, M.; Valicek, J.; Hloch, S., Evaluation of abrasive waterjet produced titan surfaces topography by spectral analysis techniques, METALURGIJA, 51(2012)
21. Valicek, J.; Hloch, S.; Samardzic, Ivan.; Kusnerova, M.; Zelenak, M., Influence of traverse speed on surface irregularities created by the abrasive waterjet, METALURGIJA, 51(2012)
22. Staniek, R.; Gessner, A.; Zielnica, J.; Ptaszynski, W.; Myszkowski, A.; Cizak, O.; Stoic, A., Stress and displacement analysis of a modern design lathe body by the finite element method fem, METALURGIJA, 51(2012)
23. Frackowiak, P.; Ptaszynski, W.; Stoic, Antun, New geometry and technology of face-gear forming with circle line of teeth on cnc milling machine, METALURGIJA, 51(2012)
24. Hloch, S.; Valicek, J.; Samardzic, Ivan.; Kozak, Dražan.; Kusnerova, M., Classification of technical materials according to classes machinability for hydroabrasive cutting, METALURGIJA, 51(2012)

ODJEL ZA BIOLOGIJU

1. Brcko, Ana; Pencik, Ales; Magnus, Volker; Prebeg, Tatjana; Mlinaric, Selma; Antunovic, Jasenka; Lepedus, Hrvoje; Cesar, Vera; Strnad, Miroslav; Rolcik, Jakub; Salopek-Sondi, Branka, Endogenous auxin profile in the Christmas rose (*Helleborus niger* L.) flower and fruit: Free and amide conjugated IAA, JOURNAL OF PLANT GROWTH REGULATION 31 (2012)
2. Britvic, Smiljana; Hackenberger Kutuzovic, Branimir; Jaric, Davorka; Stepic, Sandra, Detection of mutagens and BaPMO inducers in river water using the Blue Cotton adsorption technique, ENVIRONMENTAL TOXICOLOGY 27 (2012)
3. Cavlovic, Jura; Antonic, Oleg; Bozic, Mario; Teslak, Krunoslav, Long-term and country scale projection of even-aged forest management: a case study for *Fagus sylvatica* in Croatia, SCANDINAVIAN JOURNAL OF FOREST RESEARCH 27 (2012)
4. Fulgosi, Hrvoje; Jezic, Marin; Lepedus, Hrvoje; Peharec Stefanic, Petra; Curkovic Perica, Mirna; Cesar, Vera, Degradation of chloroplast DNA during natural senescence of maple leaves, TREE PHYSIOLOGY 32 (2012)

5. Galir Balkic, Anita; Palijan, Goran, Change in metazooplankton abundance in response to flood dynamics and the trophic relations in Danubian floodplain lake (Kopacki Rit, Croatia), POLISH JOURNAL OF ECOLOGY 60 (2012)
6. Gecek, Suncana; Legovic, Tarzan, Impact of maximum sustainable yield on competitive community, JOURNAL OF THEORETICAL BIOLOGY 307 (2012)
7. Hackenberger Kutuzovic, Branimir; Velki, Mirna; Stepic, Sandra; Hackenberger Kutuzovic, Davorka, First evidence for the presence of efflux pump in the earthworm *Eisenia andrei*, ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY 75 (2012)
8. Hackenberger Kutuzovic, Branimir; Velki, Mirna; Stepic, Sandra; Hackenberger Kutuzovic, Davorka, The effect of formalin on acetylcholinesterase and catalase activities, and on the concentration of oximes, in the earthworm species *Eisenia andrei*, EUROPEAN JOURNAL OF SOIL BIOLOGY 50 (2012)
9. Jezic, Marin; Krstin, Ljiljana; Rigling, Daniel; Curkovic-Perica, Mirna, High diversity in populations of the introduced plant pathogen, *Cryphonectria parasitica*, due to encounters between genetically divergent genotypes, MOLECULAR ECOLOGY 21 (2012)
10. Katanic, Zorana; Atic, Lejla; Ferhatovic, Dzemail; Cesar, Vera; Lepedus, Hrvoje, PSII photochemistry in vegetative buds and needles of Norway spruce (*Picea abies* L., Karst.) probed by OJIP chlorophyll a fluorescence measurement, ACTA BIOLOGICA HUNGARICA 63 (2012)
11. Klanjscek, Jasminka; Gecek, Suncana; Legovic, Tarzan, Influence of fish feed composition on oxygen utilization during decomposition of aquaculture effluents, AQUACULTURE RESEARCH 43 (2012)
12. Kralik, Gordana; Pavic, Valentina; Galovic, Dalida; Skrtic, Zoran; Kralik, Zlata; Has-Schön, Elizabeta, Fatty Acid Composition and Lipid and Protein Oxidation Products in Muscles of Broilers Fed with Different Plant Oils, ARCHIV FÜR GEFLUGELKUNDE 76 (2012) [PFOS ½, BIOLOG ½]
13. Krcmar, Stjepan, Hard ticks (Acari, Ixodidae) of Croatia, ZOOKEYS 234 (2012)
14. Krcmar, Stjepan; Mikuska, Alma, Distribution of halophilous species of horse flies in Croatia (Diptera: Tabanidae), AQUATIC INSECTS 34 (2012)
15. Legovic, Tarzan; Gecek, Suncana, Impact of maximum sustainable yield on mutualistic communities, ECOLOGICAL MODELLING 230 (2012)
16. Lepedus, Hrvoje; Brkic, Ivan; Cesar, Vera; Jurkovic, Vlatka; Antunovic, Jasenka; Jambrovic, Antun; Brkic, Josip; Simic, Domagoj, Chlorophyll fluorescence analysis of photosynthetic performance in seven maize inbred lines under water-limited conditions, PERIODICUM BIOLOGORUM 114 (2012)
17. Mihaljevic, Melita; Zuna Pfeiffer, Tanja, Colonization of periphyton algae in a temperate floodplain lake under a fluctuating spring hydrological regime, FUNDAMENTAL AND APPLIED LIMNOLOGY 180 (2012)
18. Mikuska, Alma; Krcmar, Stjepan; Radovic, Andreja; Mikuska, Tibor, The influence of temperature, precipitation and floods on the development of horse fly populations

(Tabanidae) in the alluvial habitats of the Danube River in Croatia, POLISH JOURNAL OF ECOLOGY 60 (2012)

19. Palijan, Goran, Abundance and biomass responses of microbial food web components to hydrology and environmental gradients within a floodplain of the River Danube, MICROBIAL ECOLOGY 64 (2012)
20. Stepic, Sandra; Hackenberger Kutuzovic, Branimir; Hackenberger Kutuzovic, Davorka; Velki, Mirna; Loncaric, Zeljka, Impact of oxidative stress indicated by thiobarbituric acid reactive substances (TBARS) and protein carbonyl levels (PC) on ethoxyresorufin-O-deethylase (EROD) induction in common carp (*Cyprinus carpio*), WATER, AIR AND SOIL POLLUTION 223 (2012)
21. Sturgill, E.R.; Aoki, K.; Lopez, P.H.; Colacurcio, D.; Vajn, Katarina; Lorenzini, I.; Majic, Senka; Yang, W.H.; Heffer, Marija; Tiemeye, M.; Marth, J.D.; Schnaar, R.L. Biosynthesis of the major brain gangliosides GD1a and GT1b, GLYCOBIOLOGY 22 (2012) [MEFOS ½, BIOLOS ½]
22. Turic, Natasa; Merdic, Enrih; Hackenberger, Branimir K.; Jelacic, Zeljka; Vignjevic, Goran; Csabai, Zoltán, Structure of aquatic assemblages of Coleoptera and Heteroptera in relation to habitat type and flood dynamic structure, AQUATIC INSECTS 34 (2012)
23. Velki, Mirna; Hackenberger Kutuzovic, Branimir, Species-specific differences in biomarker responses in two ecologically different earthworms exposed to the insecticide dimethoate, COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY C TOXICOLOGY & PHARMACOLOGY 156 (2012)
24. Velki, Mirna; Stepic, Sandra; Loncaric, Zeljka; Hackenberger Kutuzovic, Branimir, Effects of electroshocking and allyl isothiocyanate on biomarkers of the earthworm species *Eisenia andrei* – possible side-effects of non-destructive extraction methods, EUROPEAN JOURNAL OF SOIL BIOLOGY 51 (2012)
25. Vidakovic, Jasna; Turkovic Cakalic, Ivana; Stevic, Filip; Cerba, Dubravka, The influence of different hydrological conditions on periphytic invertebrate communities in a Danubian floodplain, FUNDAMENTAL AND APPLIED LIMNOLOGY 181 (2012)
26. Viljetic, Barbara; Labak, Irena; Majic, Senka; Stambuk, Anamaria; Heffer, Marija, Distribution of mono-, di- and tri-sialo gangliosides in the brain of Actinopterygian fishes, BIOCHIMICA ET BIOPHYSICA ACTA-GENERAL SUBJECTS 1820 (2012)

ODJEL ZA FIZIKU

1. Poje, M.; Vukovic, B.; Radolic, V.; et al., Mapping of cosmic radiation dose in Croatia, JOURNAL OF ENVIRONMENTAL RADIOACTIVITY 103(2012). [MEFOS ½, FIZOS ½]
2. Dukic, Darko; Kozina, Goran, ICT knowledge and skills of Croatian polytechnic students(DH), TECHNICS TECHNOLOGIES EDUCATION MANAGEMENT-TTEM7(2012).
3. Bobnar, M.; Jeglic, P.; Klanjsek, M.; et al., Intrinsic anisotropic magnetic, electrical, and thermal transport properties of d-Al-Co-Ni decagonal quasicrystals, PHYSICAL REVIEW B 85(2012).

4. Gvozdic, Vlatka; Cacic, Ljiljana; Brana, Josip; et al., Chemometric analysis of groundwater quality data around municipal landfill and paper factory and their potential influence on population's health, MEDICINSKI GLASNIK 9(2012). [MEFOS 1/3, FIZOS 1/3, KEMOS 1/3]
5. Dukic, Darko; Dukic, Gordana; Kozina, Goran, ANALYSIS OF STUDENTS' ICT USAGE IN THE FUNCTION OF CROATIAN HIGHER EDUCATION DEVELOPMENT MANAGEMENT (DH), TEHNICKI VJESNIK-TECHNICAL GAZETTE 19(2012).
6. Jazbec, S.; Kozelj, P.; Vrtnik, S.; et al., Electrical, magnetic, and thermal properties of the delta-FeZn₁₀ complex intermetallic phase, PHYSICAL REVIEW B 86(2012).
7. Miokovic, Zeljka; Ganzberger, Sanja; Radolic, Vanja, ASSESSMENT OF THE UNIVERSITY OF OSIJEK ENGINEERING STUDENTS' CONCEPTUAL UNDERSTANDING OF ELECTRICITY AND MAGNETISM, TEHNICKI VJESNIK-TECHNICAL GAZETTE 19(2012). [ETFOS ½, FIZOS ½]
8. Pajic, D.; Marohnic, Z.; Drobac, D.; et al., Evolution of magnetism in Hf-Fe metallic glasses, JOURNAL OF ALLOYS AND COMPOUNDS 536 (2012).
9. Gvozdic, Vlatka; Brana, Josip; Malatesti, Nela; et al., Principal component analysis of surface water quality data of the River Drava in eastern Croatia (24 years survey), JOURNAL OF HYDROINFORMATICS 14(2012). [FIZOS ½, KEMOS ½]
10. Lukacevic, Igor; Gupta, Sanjeev K.; Jha, Prafulla K.; et al., Lattice dynamics and Raman spectrum of rutile TiO₂: The role of soft phonon modes in pressure induced phase transition, MATERIALS CHEMISTRY AND PHYSICS 137(2012).
11. Mankad, Venu H.; Gupta, Sanjeev K.; Lukacevic, I.; et al., Thermodynamical and phonon properties of rare-earth REBi (RE = Ce and La) bismuthides, COMPUTATIONAL MATERIALS SCIENCE 65(2012).
12. Kozina, Goran; Dukic, Gordana; Dukic, Darko, A STUDY OF COMPUTER LITERACY AMONG CROATIAN STUDENTS AS SUPPORT IN PLANNING THE HIGHER EDUCATION DEVELOPMENT (DH), TEHNICKI VJESNIK-TECHNICAL GAZETTE 19(2012).

ODJEL ZA KEMIJU

1. Matijevic, Marko; Uzarevic, Zvonimir; Gvozdic, Vlatka; et al., Does body mass index and position of impacted lower third molar affect the postoperative pain intensity?, COLLEGIUM ANTHROPOLOGICUM 36 (2012) [MEFOS 1/3, KEMOS 1/3, UFOS 1/3]
2. Sak-Bosnar, Milan; Sakac, Nikola, Direct potentiometric determination of diastase activity in honey, FOOD CHEMISTRY 135 (2012)
3. Gvozdic, Vlatka; Brana, Josip; Malatesti, Nela; Roland, Danijela, Principal component analysis of surface water quality data of the River Drava in eastern Croatia (24 year survey), JOURNAL OF HYDROINFORMATICS 14 (2012) [FIZOS ½, KEMOS ½]

4. Josic, Djuro; Breen, Lucas; Clifton, James; Gajdosik, Martina Srajer; Gaso-Sokac, Dajana; et al., Separation of proteins from human plasma by sample displacement chromatography in hydrophobic interaction mode, *ELECTROPHORESIS* 33 (2012)
5. Cetina, Mario; Nagl, Ante; Gaso-Sokac, Dajana; Kovac, Spomenka; Busic, Valentina; Saftic, Dijana, Extensive intramolecular and intermolecular interactions in two quaternary salts of the pyridoxal oxime, *JOURNAL OF CHEMICAL CRYSTALLOGRAPHY* 42 (2012) [PTFOS ½, KEMOS ½]
6. Sakac, Nikola; Sak-Bosnar, Milan, A rapid method for the determination of honey diastase activity, *TALANTA* 93 (2012)
7. Gajdosik, Martina Srajer; Clifton, James; Josic, Djuro, Sample displacement chromatography as a method for purification of proteins and peptides from complex mixtures, *JOURNAL OF CHROMATOGRAPHY A* 42 (2012)
8. Breen, Lucas; Cao, Lulu; Eom, Kirsten; Gajdosik, Martina Srajer; Camara, Lila; Giacometti, Jasminka; Dupuy, Damian E.; Josic, Djuro, High-throughput fractionation of human plasma for fast enrichment of low - and high-abundance proteins, *BLOOD TRANSFUSION* 10 (2012)
9. Sakac, Nikola; Sak-Bosnar, Milan, Potentiometric Study of alpha-Amylase kinetics using a platinum redox sensor, *INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE* 7 (2012)
10. Sakac, Nikola; Gvozdic, Vlatka; Sak-Bosnar, Milan, Determination of the botanical origin of starch using direct potentiometry and PCA, *CARBOHYDRATE POLYMERS* 87 (2012)
11. Galovic, Olivera; Samardzic, Mirela; Derezić, Dragan; Madunic-Cacic, Dubravka; Sak-Bosnar, Milan, Potentiometric titration of micromolar levels of anionic surfactants in model effluents using a sensitive potentiometric sensor, *INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE* 7 (2012)
12. Gvozdic, Vlatka; Cacic, Ljiljana; Brana, Josip; Puntaric, Dinko; Vidosavljevic, Domagoj, Chemometric analysis of groundwater quality data around municipal landfill and paper factory and their potential influence on population's health, *MEDICINSKI GLASNIK* 9 (2012) [MEFOS 1/3, FIZOS 1/3, KEMOS 1/3]
13. Balic, Tomislav; Markovic, Berislav; Balic, Ivana, 4-[5-(4-formylphenoxy)pentoxy]benzaldehyde, *ACTA CRYSTALLOGRAPHICA SECTION E-STRUCTURE REPORTS ONLINE* 68 (2012)
14. Jerkovic, Igor; Gaso-Sokac, Dajana; Pavlovic, Hrvoje; Marijanovic, Zvonimir; Gugic, Mirko; Petrovic, Ivana; Kovac, Spomenka, Volatile organic compounds from *Centaurium erythraea Rafn* (Croatia) and the antimicrobial potential of its essential oil, *MOLECULES* 17 (2012) [PTFOS ½, KEMOS ½]
15. Madunic-Cacic, Dubravka; Sak-Bosnar, Milan; Matesic-Puac, Ruzica; Samardzic, Mirela, Potentiometric determination of anionic surfactants in formulations containing cocoamidopropyl betaine, *INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE* 7 (2012)

ODJEL ZA MATEMATIKU

1. Jukic, Dragan, The L-p-norm estimation of the parameters for the Jelinski-Moranda model in software reliability, INTERNATIONAL JOURNAL OF COMPUTER MATHEMATICS 89 (2012)
2. Jankov, D.; Pogany, T. K., Andreev-Korkin Identity, Saigo Fractional Integration Operator and Lip(L)(alpha) Functions, JOURNAL OF MATHEMATICAL PHYSICS ANALYSIS GEOMETRY 8(2012)
3. Vazler, Ivan; Sabo, Kristian; Scitovski, Rudolf, Weighted Median of the Data in Solving Least Absolute Deviations Problems, COMMUNICATIONS IN STATISTICS-THEORY AND METHODS 41 (2012)
4. Baricz, Arpad; Jankov, Dragana; Pogany, Tibor K., Neumann series of Bessel functions , INTEGRAL TRANSFORMS AND SPECIAL FUNCTIONS 23 (2012)
5. Vincek, Dragutin; Sabo, Kristian; Kusec, Goran; et al., Modeling of pig growth by S-function - least absolute deviation approach for parameter estimation, ARCHIV FUR TIERZUCHT-ARCHIVES OF ANIMAL BREEDING, 55 (2012) [PFOS ½, MATHOS ½]
6. Elbassioni, Khaled; Matijevic, Domagoj; Severdija, Domagoj, Guarding 1.5D terrains with demands INTERNATIONAL JOURNAL OF COMPUTER MATHEMATICS 89 (2012)
7. Bokun, Mirela Jukic, Elliptic curves over quadratic fields with fixed torsion subgroup and positive rank , GLASNIK MATEMATICKI 47 (2012)
8. Kuzmanovic, Ivana; Tomljanovic, Zoran; Truhar, Ninoslav, Optimization of material with modal damping, APPLIED MATHEMATICS AND COMPUTATION 218 (2012)
9. Baricz, Arpad; Jankov, Dragana; Pogany, Tibor K., Integral representations for neumann-type series of bessel functions I-v, Y-v and K-v, PROCEEDINGS OF THE AMERICAN MATHEMATICAL SOCIETY 140 (2012)
10. Hunjet, Anica; Parac-Osterman, Durdica; Bensic, Mirta, Yellow as a dominant tone, TEHNICKI VJESNIK-TECHNICAL GAZETTE 19 (2012)
11. Baricz, Arpad; Jankov, Dragana; Pogany, Tibor K., Turan type inequalities for Kratzel functions, JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS 38 (2012)
12. Grubisic, Luka; Truhar, Ninoslav; Veselic, Kresimir, The rotation of eigenspaces of perturbed matrix pairs, LINEAR ALGEBRA AND ITS APPLICATIONS 436 (2012)
13. Li, Ren-Cang; Nakatsukasa, Yuji; Truhar, Ninoslav; et al., Perturbation of multiple eigenvalues of Hermitian matrices, LINEAR ALGEBRA AND ITS APPLICATIONS 437 (2012)

14. Elbassioni, Khaled; Jelic, Slobodan; Matijevic, Domagoj, The relation of Connected Set Cover and Group Steiner Tree, THEORETICAL COMPUTER SCIENCE 438 (2012)
15. Avram, F.; Leonenko, N. N.; Suvak, N. ,Hypothesis testing for Fisher-Snedecor diffusion , JOURNAL OF STATISTICAL PLANNING AND INFERENCE 142 (2012)
16. Matic, Ivan, Theta lifts of strongly positive discrete series: the case of $(\mathrm{Sp})^{\mathrm{over-tilde}}(n)$, $O(V)$, PACIFIC JOURNAL OF MATHEMATICS 259 (2012)
17. Vincek, Dragutin; Kralik, Gordana; Kusec, Goran; et al., Application of growth functions in the prediction of live weight of domestic animals, CENTRAL EUROPEAN JOURNAL OF OPERATIONS RESEARCH 20 (2012)
18. Matic, Ljerka Jukic, Non-existence of certain Diophantine quadruples in rings of integers of pure cubic fields, PROCEEDINGS OF THE JAPAN ACADEMY SERIES A-MATHEMATICAL SCIENCES 88 (2012)

UČITELJSKI FAKULTET

1. Matijevic, Marko; Uzarevic, Zvonimir; Gvozdic, Vlatka; et al., Does Body Mass Index and Position of Impacted Lower Third Molar Affect the Postoperative Pain Intensity?, COLLEGIUM ANTHROPOLOGICUM 36 (2012) **(PTBB)** [MEFOS 1/3, KEMOS 1/3, UFOS 1/3]
2. Tomac, Zvonimir; Hraski, Zeljko; Sporis, Goran, The assessment of preschool children's motor skills after familiarization with motor tests , JOURNAL OF STRENGTH AND CONDITIONING RESEARCH 26 (2012) **(PTBB)**