

# SVEUČILIŠTE JOSIPA JURJA STROSSMAYERA U OSIJEKU

## PRIRODNE, TEHNIČKE, BIOMEDICINSKE, BIOTEHNIČKE ZNANOSTI

### RADOVI

Broj znanstvenih radova objavljenih u časopisima u bazi Web of Science u 2013. godini

#### ELEKTROTEHNIČKI FAKULTET

1. Cikić, A.; Pintarić, A.; Samardžić, I., The Influence of Biomass Quality on the Purification of Flue Gases and Multicyclone Assembly Material, METALURGIJA 52 (JAN-MAR 2013) [ETFOS ½, SFSB ½]
2. Crnković, Ivica; Stafford, Judith, Embedded Systems Software Architecture, JOURNAL OF SYSTEMS ARCHITECTURE 59 (NOV 2013)
3. Filko, Damir, Martinović, Goran, Emotion Recognition System by a Neural Network Based Facial Expression Analysis, AUTOMATIKA 54 (APR-JUN 2013)
4. Grbić, R., Kurtagić, D., & Slišković, D., Stream Water Temperature Prediction Based On Gaussian Process Regression, EXPERT SYSTEMS WITH APPLICATIONS 40 (2013)
5. Grbić, R., Nyarko, E. K., & Scitovski, R., A Modification of the DIRECT Method for Lipschitz Global Optimization for a Symmetric Function, JOURNAL OF GLOBAL OPTIMIZATION, 57(4) (2013) [ETFOS ½, MATHOS ½]
6. Grbić, R., Scitovski, K., Sabo, K., & Scitovski, R., Approximating Surfaces By The Moving Least Absolute Deviations Method, APPLIED MATHEMATICS AND COMPUTATION, 219(9) (2013) [ETFOS ½, MATHOS ½]
7. Grbić, R., Slišković, D., & Kadlec, P., Adaptive Soft Sensor for Online Prediction and Process Monitoring Based on a Mixture of Gaussian Process Models, COMPUTERS & CHEMICAL ENGINEERING 58 (2013)
8. Hederic, Zeljko; Sostarić, Damir; Horvat, Goran, Numerical Calculation of Electromagnetic Forces in Magnetic Actuator for Use in Active Suspension System for Vehicles, TEHNICKI VJESNIK-TECHNICAL GAZETTE 20 (FEB 2013)
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11. Jović, Franjo; Jović, Alan; Krmpotić, Darko, Quality Control Engineering in Automated Ceramic Tile Production Using a Signal Information Content Approach, ADVANCED ENGINEERING INFORMATICS 27 (JAN 2013)
12. Kaluder, Slaven; Nikolovski, Srete; Majdandžić, Ljubomir, Alarm Processing in a Power System by Human Expert, TEHNICKI VJESNIK-TECHNICAL GAZETTE 20 (APR 2013)

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14. Karic, Miran; Martinovic, Goran, Improving Offline Handwritten Digit Recognition Using Concavity-Based Features, INTERNATIONAL JOURNAL OF COMPUTERS COMMUNICATIONS & CONTROL 8 (APR 2013)
15. Kovac, Zoran; Knezevic, Goran; Topic, Danijel, Modelling of Power System Reliability Assessment, TEHNICKI VJESNIK-TECHNICAL GAZETTE 20 (FEB 2013)
16. Lukic, Ivica; Slavek, Ninoslav; Koehler, Mirko, Improved Bisector Clustering of Uncertain Data Using SDSA Method on Parallel Processors, TEHNICKI VJESNIK-TECHNICAL GAZETTE 20 (APR 2013)
17. Matic, Tomislav; Vidovic, Ivan; Hocenski, Zeljko, Real Time Contour Based Ceramic Tile Edge and Corner Defects Detection, TEHNICKI VJESNIK-TECHNICAL GAZETTE 20 (DEC 2013)
18. Milicevic, Kruno; Emin, Zia, Initiation of Characteristic Ferroresonance States Based on Flux Reflection Model, IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS II-EXPRESS BRIEFS 60 (JAN 2013)
19. Milicevic, Kruno; Emin, Zia, Investigation of Possible Ferroresonance for a Voltage Range: Realisation of a System Event with a Laboratory Set-Up, INTERNATIONAL JOURNAL OF CIRCUIT THEORY AND APPLICATIONS 41 (MAR 2013)
20. Rudec, Tomislav; Baumgartner, Alfonzo; Manger, Robert, A Fast Work Function Algorithm for Solving the K-Server Problem, CENTRAL EUROPEAN JOURNAL OF OPERATIONS RESEARCH 21 (JAN 2013)
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22. Simon, Janos; Martinovic, Goran; Navigation of Mobile Robots Using WSN's RSSI Parameter and Potential Field Method, ACTA POLYTECHNICA HUNGARICA 10 (2013)
23. Slavek, Ninoslav; Blazevic, Damir; Nenadic, Kresimir, Critical Measures of Success for a Software Project, TEHNICKI VJESNIK-TECHNICAL GAZETTE 20 (DEC 2013)
24. Sliskovic, Drazen; Grbic, Ratko; Hocenski, Zeljko, Adaptive Estimation of Difficult-to-Measure Process Variables, AUTOMATIKA 54 (APR-JUN 2013)
25. Solic, Kresimir; Jovic, Franjo; Blazevic, Damir, An Approach to the Assessment of Potentially Risky Behavior of Ict Systems' Users, TEHNICKI VJESNIK-TECHNICAL GAZETTE 20 (APR 2013)
26. Tolic, Martina; Jovic, Franjo; Classification of Wavelet Transformed Eeg Signals With Neural Network for Imagined Mental and Motor Tasks, KINESIOLOGY 45 (JUN 2013)
27. Vranjes, Mario; Rimac-Drlje, Snjezana; Grgic, Kresimir, Review of Objective Video Quality Metrics and Performance Comparison Using Different Databases, SIGNAL PROCESSING-IMAGE COMMUNICATION 28 (JAN 2013)

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2. [PTBB] Kovacevic, Davor; Dzakula, Branka Njegic; Hasenay, Damir; et al., Adsorption of Arsenic on MgAl Layered Double Hydroxide, CROATICA CHEMICA ACTA 86 (2013)

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1. Kusljic, Danijel; Marenjak, Sasa, Critical PPP/PFI project success criteria for public sector clients, TEHNICKI VJESNIK-TECHNICAL GAZETTE 20 (2013)
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3. Simun, Miroslav; Rukavina, Tatjana; Dimter, Sanja, Rutting resistance of waterproofing - asphalt pavement systems on bridges, GRADEVINAR 65 (2013)
4. Otkovic, Irena Istoka; Tollazzi, Tomaz; Sraml, Matjaz, Analysis of the influence of car-following input parameters on the modelled travelling time, TEHNICKI VJESNIK-TECHNICAL GAZETTE 20 (2013)
5. Scitovski, Rudolf; Scitovski, Sanja, A fast partitioning algorithm and its application to earthquake investigation, COMPUTERS & GEOSCIENCES 59 (2013) [GFOS ½, MATHOS ½]
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11. Minazek, Krunoslav; Mulabdic, Mensur, A review of soil and reinforcement interaction testing in reinforced soil by pullout test, GRADEVINAR 65 (2013)
12. Tadic, Lidija; Dacic, Tamara; Barac, Branimir, Flood frequency modelling of the Kopacki rit nature park, TEHNICKI VJESNIK-TECHNICAL GAZETTE 20 (2013)
13. Androjic, Ivica; Dimter, Sanja, Use of recycled asphalt in the bituminous base course, GRADEVINAR 65 (2013)

## **MEDICINSKI FAKULTET**

1. Mlinac, Kristina; Fabris, Dragana; Vukelic, Zeljka; Rozman, Marko; Heffer, Marija; Bognar, Kalanj, Svjetlana, Structural analysis of brain ganglioside acetylation patterns in mice with altered ganglioside biosynthesis, CARBOHYDRATE RESEARCH 382 (2013)

2. Miskovic, Katarina; Bujak, Maro; Baus, Loncar Mirela; Glavas-Obrovac, Ljubica, antineoplastic dna-binding compounds: intercalating and minor groove binding drugs, ARHIV ZA HIGIJENU RADA I TOKSIKOLOGIJU 64 (2013)
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5. Crnica, Vanja; Mujkic, Aida; Young, Tracy; Miskulin, Maja; Peek-Asa, Corinne, Healthcare Providers' Knowledge, Attitudes and Counselling on Injury Prevention for Preschool Children in Croatia, MATERNAL AND CHILD HEALTH JOURNAL 17 (2013)
6. Margetic, Petra; Pavic, Roman; Stancic, Marin F, Provocative discography screening improves surgical outcome, WIENER KLINISCHE WOCHENSCHRIFT 125 (2013)
7. Arnautovic, Kenan I.; Muzevic, Dario; Splavski, Bruno; Boop, Frederick A, Association of increased body mass index with Chiari malformation Type I and syrinx formation in adults, JOURNAL OF NEUROSURGERY 119 (2013)
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9. Kes, Vanja Basic; Cesarik, Marijan; Zavoreo, Iris; Soldo-Butkovic, Silva; Kes, Petar; Basic-Jukic, Nikolina; Racki, Sanjin; Jakic, Marko, Guidelines for diagnosis, therapy and follow up of anderson-fabry disease, ACTA CLINICA CROATICA 52 (2013)
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11. Mandic, Sanja; Sudarevic, Bojan; Marczi, Saska; Horvat, Vesna; Cosic, Ivan; Mihaljevic, Slobodan; Milicevic, Nevenka; Simunovic, Dalibor; Galic, Josip, Interleukin-6 Polymorphism and Prostate Cancer Risk in Population of Eastern Croatia, COLLEGIUM ANTROPOLOGICUM 37 (2013)
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13. Pezerovic, Davorin; Zulj, Marinko; Klarin, Ivo; Majnaric, Ljiljana; Vcev, Ivan; Vcev, Aleksandar, Clinical Expression of Inflammatory Bowel Diseases - A Retrospective Population-Based Cohort Study; Vukovarsko-Srijemska County, Croatia, COLLEGIUM ANTROPOLOGICUM 37 (2013)
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18. Juric, Stjepan; Janculjak, Davor; Tomic, Svetlana; Stimac, Damir, Brain Tissue Adaptability to Slow-Growing Tumors: Case Report of Clivus Meningioma, : COLLEGIUM ANTROPOLOGICUM 37 (2013)
19. Filakovic, Pavo; Eric, Anamarija Petek, Pharmacotherapy of Suicidal Behaviour in Major Depression, Schizophrenia and Bipolar Disorder, COLLEGIUM ANTROPOLOGICUM , 37 (2013)
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21. Curkovic, Mario; Sipos, Laszlo; Puntaric, Dinko; Dodig-Curkovic, Katarina; Pivac, Nela; Kralik, Kristina, Detection of thallium and uranium in well water and biological specimens of an eastern croatian population, ARHIV ZA HIGIJENU RADA I TOKSIKOLOGIJU 64 (2013)
22. Ruzman, Tomislav; Tot, Ozana Katarina; Ivic, Dubravka; Gulam, Danijela; Ruzman, Natasa; Burazin, Jelena, In-hospital cardiac arrest: can we change something? WIENER KLINISCHE WOCHENSCHRIFT 125 (2013)
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