

Pavol Jozef Šafárik University

Wisdom of the Past – Knowledge of the Present – Education of the Future

**The Most Significant Scientific Papers and Monographs by
Pavol Jozef Šafárik University's Researchers Published in 2011
Listed by Faculties and Research Areas**

Faculty of Medicine

Research Area 18: Medical and Pharmacological Sciences

ADC - Scientific/scholarly papers published in the journals registered in the Current Contents Connect database and published abroad

PALLAYOVÁ, Mária - STEELE, Kimberley E. - MAGNUSON, Thomas H. - SCHWEITZER, Michael A. - SMITH, Philip L. - PATIL, Susheel P. - BEVANS-FONTI, Shannon - POLOTSKY, Vsevolod Y. - SCHWARTZ, Alan R.:
Sleep Apnea Determines Soluble TNF- α Receptor 2 Response to Massive Weight Loss.
Obesity Surgery, 21(9) (2011) 1413-1423.

ADC - Scientific/scholarly papers published in the journals registered in the Current Contents Connect database and published abroad

SZILASIOVÁ, Jarmila - CHYLOVÁ, Martina - GDOVINOVÁ, Zuzana - ROSENBERGER, Jaroslav - DIJK VAN, Jitse P.:
Quality of life in patients with multiple sclerosis in Eastern Slovakia
Disability and Rehabilitation, 33(17-18) (2011) 1587-1593.

ADC - Scientific/scholarly papers published in the journals registered in the Current Contents Connect database and published abroad

PYTĽIAK, Marek - VARGOVÁ, Viola - MECHÍROVÁ, Viola - FELŠŤOCI, Marek:
Serotonin receptors - from molecular biology to clinical applications
Physiological Research, 60(1) (2011) 15-25.

Faculty of Science

Research Area 9: Physics, Earth and Universe Sciences

ADC - Scientific/scholarly papers published in the journals registered in the Current Contents Connect database and published abroad

GÁLISOVÁ, Lucia - STREČKA, Jozef - TANAKA, Akinori - VERKHOLYAK, Taras: Effect of on-site interaction on the magnetic properties of an exactly solvable spin-electron system.

Journal of Physics: Condensed Matter, 23(17) (2011) art.no. 175602.

ADC - Scientific/scholarly papers published in the journals registered in the Current Contents Connect database and published abroad

BÁNÓ, Gregor - STANIČOVÁ, Jana - JANCURA, Daniel - MAREK, Jozef - BÁNÓ, Mikuláš - ULIČNÝ, Jozef - STREJČKOVÁ, Alena - MIŠKOVSKÝ, Pavol: On the diffusion of hypericin in dimethylsulfoxide/water mixtures - the effect of aggregation.

Journal of Physical Chemistry B, 115(10) (2011) 2417-2423.

ADF - Scientific/scholarly papers published in the journals not registered in the Current Contents Connect database and published in the country of residence

CSACHOVÁ, Stela - NESTOROVÁ-DICKÁ, Janetta: Territorial structure of local government in the Slovak republic, the Czech republic and the Hungarian republic - a comparative view.

Geografický Časopis - Geographical Journal, 63(3) (2011) 209-225.

Research Area 12: Chemistry, Chemical Technology and Biotechnology

ADC Scientific/scholarly papers published in the journals registered in the Current Contents Connect database and published abroad

RUSNÁKOVÁ, Lenka - ANDRUCH, Vasil' - BALOGH, Ioseph S. - ŠANDREJOVÁ, Jana: A dispersive liquid-liquid microextraction for determination of boron in water after ultrasound-assisted conversion to tetrafluoroborate.

Talanta, 85(1) (2011) 541-545.

ADC Scientific/scholarly papers published in the journals registered in the Current Contents Connect database and published abroad

ORIŇÁKOVÁ, Renáta - ORIŇÁK, Andrej: Recent applications of carbon nanotubes in hydrogen production and storage.

Fuel, 90(11) (2011) 3123-3140

ADC Scientific/scholarly papers published in the journals registered in the Current Contents Connect database and published abroad

BAUER, Ľuboš - TLUČKOVÁ, Katarína - TÓTHOVÁ, Petra - VÍGLASKÝ, Viktor:
G-Quadruplex Motifs Arranged in Tandem Occurring in Telomeric Repeats and the Insulin-Linked Polymorphic Region.

Biochemistry, 50(35) (2011) 7484-7491.

Research Area 10: Environmental Science and Ecology

ADC Scientific/scholarly papers published in the journals registered in the Current Contents Connect database and published abroad

BAČKOR, Martin - PÉLI, Evelin Ramóna - VANTOVÁ, Ivana:
Copper tolerance in the macrolichens *Cladonia furcata* and *Cladonia arbuscula* subsp. *mitis* is constitutive rather than inducible.

Chemosphere, 85(1) (2011) 106-113.

Research Area 13: Natural Sciences

ADC Scientific/scholarly papers published in the journals registered in the Current Contents Connect database and published abroad

SOLÁR, Peter - SYTKOWSKI, Arthur:
Differentially expressed genes associated with cisplatin resistance in human ovarian adenocarcinoma cell line.

Cancer Letters, 309(1) (2011) 11-18.

ADC Scientific/scholarly papers published in the journals registered in the Current Contents Connect database and published abroad

MIKEŠ, Jaromír - HÝŽĎALOVÁ, Martina - KOČÍ, Lenka - JENDŽELOVSKÝ, Rastislav - KOVAL', Ján - VACULOVÁ, Alena - HOFMANOVÁ, Jiřina - KOZUBÍK, Alois - FEDOROČKO, Peter:

Lower sensitivity of FHC fetal colon epithelial cells to photodynamic therapy compared to HT-29 colon adenocarcinoma cells despite higher intracellular accumulation of hypericin.

Photochemical & Photobiological Sciences, 10(4) (2011) 626-632.

ADC Scientific/scholarly papers published in the journals registered in the Current Contents Connect database and published abroad

KOŠUTH, Ján - SMELCEROVIC, Andrija - BORSCH, Thomas - ZÜHLKE, Sebastian - KARPPINEN, Katja - SPITELLER, Michael - HOHTOLA, Anja - ČELLÁROVÁ, Eva:

The hyp-1 gene is not a limiting factor for hypericin biosynthesis in the genus *Hypericum*.

Functional Plant Biology, 38(1) (2011) 35-43.

Research Area 16: Computer Sciences, Automatisation and Telecommunications

ADC Scientific/scholarly papers published in the journals registered in the Current Contents Connect database and published abroad

GEFFERT, Viliam - PIGHIZZINI, Giovanni:

Two-way unary automata versus logarithmic space.

Information and Computation, 209(7) (2011) 1016-1025.

ADC Scientific/scholarly papers published in the journals registered in the Current Contents Connect database and published abroad

BREŠAR, Boštjan - KARDOŠ, František - KATRENIČ, Ján - SEMANIŠIN, Gabriel:
Minimum k-path vertex cover.

Discrete Applied Mathematics, 159(12) (2011) 1189-1195.

Research Area 24: Mathematics and Statistics

AAA - Scientific/scholarly monograph published abroad

BUKOVSKÝ, Lev.:

The structure of the real line, Birkhauser, Springer Basel AG, 2011, 538 strán,
ISBN 978-3-0348-0005-1.

ADC Scientific/scholarly papers published in the journals registered in the Current Contents Connect database and published abroad

ESPERET, Louis - KARDOŠ, František - KING, Andrew - KRÁL', Daniel - NORINE, S.:

Exponentially many perfect matching in cubic graphs.

Advances in Mathematics 227 (2011) 1646-1664.

ADC Scientific/scholarly papers published in the journals registered in the Current Contents Connect database and published abroad

HUTNÍK Ondrej:

Wavelets from Laguerre polynomials and Toeplitz-type operators,

Integral Equations and Operator Theory 71 (2011) 357-388.

Faculty of Law

Research Area 7: Law and International Relations

AEC - Scientific/scholarly papers published in peer-reviewed collections of papers and monographs published abroad

BRÖSTL Alexander:

On Faces and Traces of Justice.

Gerechtigkeit – Theorie und Praxis Justice Baden-Baden: Nomos

Vergsgesellschaft, (2011) 19-27.

ADE - Scientific/scholarly papers published in the journals not registered in the Current Contents Connect database and published abroad

MAZÁK Ján:

Locus standi v konaní o neplatnosť: od Plaumannovho testu k regulačným aktom /

Právnik: teoretický časopis pro otázky státu a práva, 150(3) (2011) 209-231.

ADF - Scientific/scholarly papers published in the journals not registered in the Current Contents Connect database and published in the country of residence

CSACH, Kristián:

Miesto a funkcia deliktuálneho práva v obchodnom práve .

Právny obzor: teoretický časopis pre otázky štátu a práva, 94(4) (2011) 327-349.

Faculty of Public Administration

Research Area 6: Social and Behavioural Sciences

ADE - Scientific/scholarly papers published in the journals not registered in the Current Contents Connect database and published abroad

VERNARSKÝ, Martin:

Zásada zákonnosti a konflikt princípov daňového konania.

Právnik: teoretický časopis pro otázky státu a práva, 150(1) (2011) 68-78.

ADE - Scientific/scholarly papers published in the journals not registered in the Current Contents Connect database and published abroad

BARINKOVÁ Milena – ŽOFČINOVÁ Vladimíra:

Právo na prospech zo sociálnych služieb v legislatíve Slovenskej republiky.

Časopis pro právní vědu a praxi, 19(1) (2011) 48-53.

AAB - Scientific/scholarly monograph published in the country of residence

KRAVČÁKOVÁ, Gabriela - LUKÁČOVÁ, Jana - BÚGELOVÁ, Tatjana:

Práca a kariéra vysokoškolského učiteľa. Košice : Univerzita Pavla Jozefa

Šafárika v Košiciach, 2011, 328 strán. (Rec. Ľudovít Mesároš, Juraj Tej). ISBN 978-80-7097-928-0 (CD ROM).

Faculty of Arts

Research Area 1: Educational Science

AAB - Scientific/scholarly monograph published in the country of residence

OROSOVÁ, Renáta:

Zážitková pedagogika vo výchovnom pôsobení triedneho učiteľa.

Univerzita Pavla Jozefa Šafárika v Košiciach, Košice, 2011, 128 s.

Research Area 2: Humanities

AAB - Scientific/scholarly monograph published in the country of residence

LEŠKO, Vladimír:

Philosophy of the History of Philosophy.

Filozofická fakulta UPJŠ v Košiciach, Košice, 2011, 408 s.

AAB - Scientific/scholarly monograph published in the country of residence

DANKO, Ján - ŠIMON, František - ARTIMOVÁ, Jozefa:

Nomina Anatomica Veterinaria.

Univerzita veterinárskej medicíny a farmácie v Košiciach, Košice, 2011, 267 s.

ADC Scientific/scholarly papers published in the journals registered in the Current Contents Connect database and published abroad

STEKAUER, Pavol - DIÁZ-NEGRILLO, Ana - VALERA, Salvador:

Meaning predictability and conversion

Folia Linguistica, 45(1) (2011) 165-198.

Research Area 3: History and Ethnology

ADD - Scientific/scholarly papers published in the journals registered in the Current Contents Connect database and published in the country of residence

GABZDILOVÁ-OLEJNÍKOVÁ, Soňa:

Sčítanie obyvateľstva na Slovensku v roku 1950, maďarská menšina a historické súvislosti.

Historický časopis, 59(2) (2011) 263-284.

Research Area 6: Social and Behavioural Sciences

AAB - Scientific/scholarly monograph published in the country of residence

RÁCZOVÁ, Beáta:

Vývinové aspekty sebakontroly

Univerzita Pavla Jozefa Šafárika v Košiciach, Košice, 2011, 110 s.

AAB - Scientific/scholarly monograph published in the country of residence

PEKÁR, Martin - BORZA, Peter - DŽUJKO, Ján - GABZDILOVÁ-OLEJNÍKOVÁ,
Soňa - GBÚROVÁ, Marcela - JUROVÁ, Anna - KOZIAK, Tomáš - OLEJNÍK, Milan -
PODOLEC, Ondrej - TOKÁROVÁ, Zuzana:

Ethnic Minorities in Slovakia in the Years 1918 - 1945 : A Survey.

UNIVERSUM-EU, Prešov, 2011, 195 s.

AAB - Scientific/scholarly monograph published in the country of residence

SEDLÁKOVÁ, Mária:

**Sociálne postavenie osôb so zdravotným znevýhodnením. Vývoj právnej
úpravy.**

Vienala, Košice, 2011, 70 s.