

**The Most Cited Papers and Monographs by Pavol Jozef Šafárik
University's Researchers Published in 2010 – 2014
Listed by Faculties and Research Areas
(three most-cited papers)**

Faculty of Medicine

Research Area 18. Medical and Pharmacological Sciences

1. cited 96 times:

Cortes, Jorge E. – Baccarani, Michele – Guilhot, François – Druker, Brian J. – Branford, Susan – Kim, Dong-Wook – Pane, Fabrizio – Pasquini, Ricardo – Goldberg, Stuart L. – Kalaycio, Matt – Moiraghi, Beatriz – Rowe, Jacob M. – **Tóthová, Elena** – De Souza, Carmino – Rudoltz, Marc – Yu, Richard – Krahnke, Tillmann – Kantarjian, Hagop M. – Radich, Jerald P. – Hughes, Timothy P.:
Phase III, randomized, open-label study of daily imatinib mesylate 400 mg versus 800 mg in patients with newly diagnosed, previously untreated chronic myeloid leukemia in chronic phase using molecular end points - Tyrosine Kinase Inhibitor Optimization and Selectivity Study.
Journal of Clinical Oncology - Vol. 28, no. 3 (2010), s. 424-430.

2. cited 78 times:

Špaková, Tímea – Rosocha, Ján – Lacko, Marek – Harvanová, Denisa – Gharaibeh, Ahmad:
Treatment of knee joint osteoarthritis with autologous platelet-rich plasma in comparison with hyaluronic acid.
American Journal of Physical Medicine & Rehabilitation. Vol. 91, no. 5 (2012), s. 411-417.

3. cited 53 times:

Edvardsson, Nils – Frykman, Viveka – Van Mechelen, Rob – **Mitro, Peter** – Mohii-Oskarsson, Afsaneh – Pasquié, Jean-Luc – Ramanna, Hemanth – Schwertfeger, Frank – Ventura, Rodolfo – Voulgaraki, Despina – Garutti, Claudio – Stolt, Pelle – Linker, Nicholas J.:
Use of an implantable loop recorder to increase the diagnostic yield in unexplained syncope: results from the PICTURE registry.
In: Europace. - ISSN 1099-5129. - Vol. 13, no. 2 (2011), s. 262-269.

Faculty of Science

Research Area 9.1. Physics

1. **cited 131 times:**

Aamodt, Kenneth – **Bombara, Marek** – Putiš, Marián – **Urbán, Jozef** – **Vrláková, Janka**:
Suppression of charged particle production at large transverse momentum in central Pb–Pb collisions at $\sqrt{s_{NN}}=2.76\text{TeV}$.
Physics Letters B – 696 (1-2) (2011) 30-39.

2. **cited 115 times:**

Aamodt, Kenneth – **Bombara, Marek** – Putiš, Marián – **Urbán, Jozef** – **Vrláková, Janka**:
Elliptic Flow of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76\text{TeV}$.
Physical Review Letters – 105 (25) (2010), art.no. 252302.

3. **cited 87 times:**

Aamodt, Kenneth – **Bombara, Marek** – Tóthová, Zuzana – Putiš, Marián – **Urbán, Jozef** – **Vrláková, Janka**:
Higher Harmonic Anisotropic Flow Measurements of Charged Particles in Pb-Pb Collisions at $\sqrt{s_{NN}}=2.76\text{TeV}$.
Physical Review Letters – 107 (3) (2011) art.no. 032301.

Research Area 9.2. Earth and Universe Sciences

1. **cited 5 times:**

Gallay, Michal – Lloyd, Chris – McKinley, Jennifer – Lorraine, Barry
Assessing modern ground survey methods and airborne laser scanning for digital terrain modelling: A case study from the Lake District, England.
Computers & Geosciences - Vol. 51(2013), s. 216-227.

2. **cited 5 times:**

Petrvalská, Alena:
Vývoj názorov na vznik a genézu zarovnaných povrchov Slovenského krasu.
Acta Geographica Universitatis Comenianae, 53 (1) (2010) 81-99.

3. **cited 4 times:**

Novotný, Ladislav:
Funkčné mestské regióny najväčších slovenských miest v modeloch urbánneho vývoja.
Geographia Cassoviensis - Roč. V., č. 1 (2011), s. 93-102.

Research Area 10. Environmental Science and Ecology

1. **cited 34 times:**

Martínková, Natália – Bačkor, Peter – Bartonička, Tomáš – Blažková, Pavla – Červený, Jaroslav – Falteisek, Lukáš – Gaisler, Jiří – Hanzal, Vladimír – Horáček, Daniel – Hubálek, Zdeněk – Jahelková, Helena – Kolařík, Miroslav – Korytár, Ľuboš – Kubátová, Alena – Lehotská, Blanka – Lehotský, Roman – Lučan, Radek K. – Májek, Ondřej – Matějů, Jan – Řehák, Zdeněk – Šafář, Jiří – Tájek, Přemysl –

Tkadlec, Emil – **Uhrin, Marcel** – Wagner, Christoph – Weinfurtová, Dita – Zima, Jan – Zukal, Jan – Horáček, Ivan:
Increasing incidence of *Geomyces destructans* fungus in bats from Czech Republic and Slovakia.
PLoS ONE [elektronický zdroj] Vol. 5, no. 11 (2010), s. e13853-7 s., ISSN 1932-6203.
<http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0013853>

2. **cited 11 times:**

Kováčik, Jozef – Klejdus, Bořivoj – **Bačkor, Martin**:
Physiological responses of *Scenedesmus quadricauda* (Chlorophyceae) to UV-A and UV-C light.
Photochemistry and Photobiology - vol. 86, no. 3, (2010), s. 612-616.

3. **cited 10 times:**

Kováčik, Jozef – Klejdus, Bořivoj – Hedbavny, Josef – **Bačkor, Martin**:
Effect of copper and salicylic acid on phenolic metabolites and free amino acids in *Scenedesmus quadricauda* (Chlorophyceae).
Plant Science - Vol. 178, no. 3 (2010), s. 307-311.

Research Area 12. Chemistry, Chemical Technology and Biotechnology

1. **cited 76 times:**

Kocúrová, Lívia – Balogh, Joseph S. – **Šandrejová, Jana** – **Andruch, Vasil'**:
Recent advances in dispersive liquid-liquid microextraction using organic solvents lighter than water. A review.
Microchemical Journal, 102 (2012) 11-17.

2. **cited 38 times:**

Oriňáková, Renáta – **Oriňák, Andrej**:
Recent applications of carbon nanotubes in hydrogen production and storage.
Fuel, 90 (2011) 3123-3140.

3. **cited 33 times:**

Fedorková, Andrea – Alejos, Ana Nacher – Gómez-Romero, Pedro – **Oriňáková, Renáta** – Kaniansky, Dušan:
Structural and electrochemical studies of PPy/PEG-LiFePO₄ cathode material for Li-ion batteries.
Electrochimica Acta, 55 (2010) 943-947.

Research Area 13. Natural Sciences

1. **cited 28 times:**

Báčkorová, Miriam - **Báčkor, Martin** - Mikeš, Jaromír - **Jendželovský, Rastislav** - **Fedoročko, Peter**:
Variable responses of different human cancer cells to the lichen compounds parietin, atranorin, usnic acid and gyrophoric acid.
Toxicology in Vitro - Vol. 25, no. 1 (2011), s. 37-44.

2. **cited 26 times:**

Ferenc, Peter – **Solár, Peter** – Kleban, Ján – **Mikeš, Jaromír** – **Fedoročko, Peter:**

Down-regulation of Bcl-2 and Akt induced by combination of photoactivated hypericin and genistein in human breast cancer cells.

Journal of Photochemistry and Photobiology B- Biology, 98 no. 1 (2010) 25-34.

3. **cited 23 times:**

Pilátová, Martina – Varinská, Lenka – Perjési, Pál – Šarišský, Marek – Mirossay, Ladislav – **Solár, Peter** – Ostró, Alexander – Mojžiš, Ján:

In vitro antiproliferative and antiangiogenic effects of synthetic chalcone analogues. Toxicology in Vitro - Vol. 24, no. 5 (2010), s. 1347-1355.

Research Area 16. Computer Sciences, Automatisations and Telecommunications

1. **cited 9 times:**

Antoni, Ľubomír – **Krajčí, Stanislav** – **Krídlo, Ondrej** – Macek, Bohuslav – **Pisková, Lenka:**

On heterogeneous formal contexts.

Fuzzy Sets and Systems - Vol. 234 (2014), s. 22-33.

2. **cited 8 times:**

Kopčo, Norbert – Huang, Samantha – Belliveau, John W.-Raij, Tommi – Tengshe, Chinmayi – Ahveninen, Jyrki:

Neuronal representations of distance in human auditory cortex.

Proceedings of the National Academy of Sciences of United States of America - Vol. 109, no. 27 (2012), s. 11019-11024.

3. **cited 5 times:**

Thai-Nghe, Nguyen – **Horváth, Tomáš** – Schmidt-Thieme, Lars:

Factorization Models for Forecasting Student Performance.

EDM 2011 : 4th International Conference on Educational Data Mining : 6. - 8. júl 2011, Eindhoven - S. 11-20.

Research Area 24. Mathematics and Statistics

1. **cited 7 times:**

Jendroľ, Stanislav – Miškuf, Jozef – **Soták, Roman:**

Total edge irregularity strength of complete graphs and complete bipartite graphs. Discrete Mathematics, 310, no. 3 (2010) 400-407.

2. **cited 7 times:**

Jendroľ, Stanislav – Voss, Heinz-Jürgen:

Light subgraphs of graphs embedded in the plane - A survey.

Discrete Mathematics, 313, no. 4 (2013) 406-421.

3. **cited 6 times:**

Horňák, Mirko – Zlámalová, Jana:

Another step towards proving a conjecture by Plummer and Toft.

Discrete Mathematics, 310, no. 3 (2010) 442-452.

Faculty of Law

Research Area 7. Law and International Relations

1. cited 27 times:

Babčák, Vladimír:

Daňové právo Slovenskej republiky.
Epos (2010), 638 s.

2. cited 22 times:

Orosz, Ladislav – Svák, J. – Balog, B.:

Základy teórie konštitucionalizmu
Eurokódex (2011), 544 s.

3. cited 17 times:

Dolobáč, Marcel:

Právne postavenie športovca
Justičná revue, Roč. 62, č. 6-7 (2010), s. 796-801.

Faculty of Public Administration

Research Area 6. Social and Behavioural Sciences

1. cited 26 times:

Palúš, Igor – Jesenko, Michal – Krunková, Alena:

Obec ako základ územnej samosprávy.

Univerzita Pavla Jozefa Šafárika v Košiciach, Košice, (2010) , 218 s.

2. cited 22 times:

Mihaliková, Eva – Sedláková, Slavka – Guzyová, Kristína – Čisárik, P.:

Finančná situácia a výkonnosť v samospráve.

Univerzita Pavla Jozefa Šafárika v Košiciach, Košice, (2011), 143. s.

3. cited 17 times:

Výrostová, Eva:

Regionálna ekonomika a rozvoj.

IURA Edition, Bratislava, (2010).

Faculty of Arts

Research Area 1. Educational Science

1. **cited 3 times:**

Salonna, Ferdinand – **Madarasová Gecková, Andrea** – **Žežula, Ivan** – **Bačíková, Mária** – Groothoff, Johan W. – Reijneveld, Sijmen A. – Dijk, Jitse P. van:
Does social support mediate or moderate socioeconomic differences in self-rated health among adolescents?
International Journal of Public Health, ISSN 1661-8556. - Vol. 57, no. 3 (2012), s. 609-617.

2. **cited 2 times:**

Bačíková, Mária – **Madarasová Gecková, Andrea** – Dijk, Jitse P. van – Groothoff, Johan W. – Reijneveld, Sijmen A.:
Parental support and adolescents' health in the context of parental employment status.
Journal of Adolescence, ISSN 0140-1971. - Vol. 34, no. 1 (2011), s. 141-149.

3. **cited 2 citácie** na prácu:

Barinková, Karolína – **Mesárošová, Margita**:
Anger, coping and quality of life in female cancer patients.
Social Behavior and Personality, ISSN 0301-2212. - Vol. 41, no. 1 (2013), s. 135-142.

Research Area 2. Humanities

1. **cited 14 times:**

Stekauer, Pavel – Valera, Salvador – **Körtvélyessy, Livia**:
Word-Formation in the World's Languages : A Typological Survey.
Cambridge University Press, 1. vyd., 2012, ISBN 9780521765343, 366 s.

2. **cited 4 times:**

Andričík, Marián:
Preklad pod lupou.
Vydavateľstvo SLOVART, Bratislava, 1. vyd., 2010, 215 s.

3. **cited 3 times:**

Körtvélyessy, Livia:
A Cross-Linguistic Research into Phonetic Iconicity.
Diminutives and Augmentatives in the Languages of the World, Lyon, 2011, s. 27-40.
http://screcherche.univ-lyon3.fr/lexis/IMG/pdf/Lexis_6.pdf

Research Area 3. History and Ethnology

1. **cited 3 times:**

Otčenášová, Slávka:
Schválená minulosť : kolektívna identita v československých a slovenských učebniciach dejepisu (1918-1989).
Univerzita Pavla Jozefa Šafárika v Košiciach, Košice, 2010, ISBN 9788070978443, 159 s.

2. **cited 2 times:**

Pekár, Martin:

Dr. Gejza Fritz - zabudnutý príbeh ľudáckeho poslanca a ministra.
Jan Šrámek a jeho doba. - Brno : Centrum pro studium demokracie a kultury,
2011. - ISBN 9788073252526, s. 394-404.

3. **cited 2 times:**

Pekár, Martin:

K niektorým aspektom vzťahu politiky a verejného priestoru na Slovensku v rokoch
1938 – 1945.

Historica Carpatica, Košice : Východoslovenské múzeum v Košiciach, 2012, ISBN
9788089093304, s. 7-20.

Research Area 6. Social and Behavioural Sciences

1. **cited 4 times:**

Dobiaš, Daniel:

Kritický racionalizmus a idea otvorenej spoločnosti K. R. Poppera.
Univerzita Pavla Jozefa Šafárika v Košiciach, Košice, 2012, ISBN
9788070979181, 222 s.

2. **cited 3 times:**

Dobiašová, Soňa – **Dobiaš, Daniel:**

Medzi slobodou, rovnosťou a demokraciou.

Sloboda - Rovnosť - Poriadok: Kam kráčaš demokracia : Košické politologické dialógy.
Univerzita Pavla Jozefa Šafárika v Košiciach, Košice, 2012, ISBN
9788070979792, s. 43-56.

3. **cited 3 times:**

Halachová, Magdaléna – Žiaková, Eva:

Sociálny kapitál týraných a zneužívaných adolescentov.

Budovanie spoločnej cesty v sociálnej inklúzii: zborník príspevkov z vedeckej
konferencie s medzinárodnou účasťou konanej dňa 08.10.2010 v Košiciach.

Univerzita Pavla Jozefa Šafárika v Košiciach, Košice, 2010, ISBN
9788097054311, s. 128-137.

Institute of Physical Education and Sport

Research Area 21. Sport Sciences

1. cited 6 times:

Buková, Alena – Uher, Ivan:

Dynamika faktorov motivácie mladých ľudí k pohybovej aktivite.

Pohybová aktivita v živote človeka: pohyb detí. Prešovská univerzita v Prešove, Prešov, 2010, s. 87-95.

2. cited 8 times:

Buková, Alena:

Nedostatok fyzickej aktivity u mladých ľudí v súčasnej spoločnosti.

Pohybová aktivita v živote človeka : pohyb detí. Prešovská univerzita v Prešove, Prešov, 2010. ISBN 9788055503011, s. 5-12.

3. cited 6 times:

Buková, Alena:

Vplyv aeróbnej pohybovej aktivity na ľudský organizmus.

Telesná výchova, šport, výskum na univerzitách: 15. ročník medzinárodnej vedeckej konferencie: Slovesnská technická univerzita v Bratislave, Bratislava, 2010, s. 211-217.