

Vedecké monografie * vydané doma

1. ŠEFARA Ján – KUCHARIČ, Ľudovít – BIELIK, Miroslav (Eds) - DANIEL Jozef – FILO, M. – HRIČKO, Jozef – LANC, Jozef – MARUŠIAK, Ivan – ORLICKÝ, Oto – PANÁČEK, Andrej. – ŠÁLY, Silvo – TIRPÁK, Ján – TKÁČOVÁ, Helena – TÚNYI, Igor – JUŠTIN, L. História geofyziky na Slovensku. In: História geológie na Slovensku, II. Diel, 2006. Bratislava : Štátny geologický ústav Dionýza Štúra, 2006. s. 139-246. ISBN 80-88974-89-5.

Štatistika

AAB	Vedecké monografie vydané v domácich vydavateľstvách	1

Spolu		1

Kapitoly v publikáciách vydané v zahraničí

1. MOCZO, Peter - ROBERTSON, Johan O. A. - EISNER, Leo. The Finite-Difference Time-Domain Method for Modelling of Seismic Wave Propagation. In WU, R.-S. - MAUPIN, V. (Eds). *Advances in Wave Propagation in Heterogeneous Earth* : DMOWSKA, R. (Ed). Series *Advances in Geophysics*, Elsevier – Pergamon, 2006, 626 p. ISBN 978-0-12-018850-5. P. 421-515.

Štatistika

ABC	Kapitoly vo vedeckých monografiách vydané v zahraničných vydavateľstvách	1

Spolu		1

Vedecké práce v časopisoch evidovaných

a.) Current Contents

1. BIELIK, Miroslav - KLOSKA, Károly - MEURERS, Bruno - ŠVANCARA, Jan – WYBRANIEC, Stanisław – FANCSIK, Tamás – GRAD, Marek – GRAND, Tomáš – GUTERCH, Aleksander – KATONA, Martin - KRÓLIKOWSKI, Czesław – MIKUŠKA, Ján – PAŠTEKA, Roman – PETECKI, Zdzisław - POLECHOŇSKA, Olga – RUESS, Diethard – SZALAIÓVÁ, Viktória – ŠEFARA, Ján – VOZÁR, Jozef. Gravity Anomaly Map Of The Celebration 2000 Seismic Experiment Region. In *Geologica Carpathica*. ISSN 0039-3169. Vol. 57, no. 3 (2006), p. 145-156. (0,449 – IF 2005) <http://www.geologicacarthica.sk/src/main.php>.
2. BONNEFOY, Claudet Sylvette – CORNOU, Cecile – BARD, Pierre Yves – COTTON, Fabrice – MOCZO, Peter – KRISTEK, Jozef – FAH, Donat. H/V ratio: a tool for site effects evaluation. Results from 1-D noise simulations. In *Geophys Journal International*. ISSN 0956-540X. Vol. 67, no. 2 (2006), p. 827-837. (1.826 – IF 2005) http://portal.isiknowledge.com/portal.cgi?DestApp=XS_FORM&Func=Frame

3. DÉREROVÁ, Jana - ZEYEN, Hermann - BIELIK, Miroslav - SALMAN, Karmah. Application of integrated geophysical modeling for determination of the continental lithospheric thermal structure in the eastern Carpathians. In *Tectonics*. ISSN 0278-7407. Vol. 25, no. 3, 2006, May 2, TC3009 10.1029/2005TC001883. (2,215 – IF2005) <http://www.agu.org/pubs/crossref/2006/2005TC001883.shtml>.
4. FELDSTEIN, Yakov I. – POPOV, Alexeev V. - CUMNOCK, Judy A. – PRIGANCOVÁ, Alina - BLOMBERG, Lars G. - KOZYRA, Janet U. - TSURUTANI, Bruce T. - GROMOVA, Ludmila I. – LEVITIN, Anatoly E. Auroral electrojets and boundaries of plasma domains in the magnetosphere during magnetically disturbed intervals. In *Annales Geophysicae*. ISSN 0992-7689. Vol. 24, 3 (2006) p. 2243-2276. (1,450 – IF2005) <http://www.ann-geophys.net/24/973/2006/angeo-24-973-2006.html>
5. KRISTEK, Jozef - MOCZO, Peter. On the accuracy of the finite-difference schemes: The 1D elastic problem. In *Bulletin of the Seismological Society of America*. ISSN 0037-1106. Vol. 96, no. 6 (2006), p. 2398-2414 (1,772 – IF 2005) http://portal.isiknowledge.com/portal.cgi?DestApp=XS_FORM&Func=Frame
6. MOCZO, Peter - KRISTEK, Jozef. On the rheological models used for time-domain methods of seismic wave propagation. In *Geophysical Research Letters*. ISSN 148-0227. Vol. 32, no. 1 (2005), L01306, 5 pp.(2,491 – IF2005) http://portal.isiknowledge.com/portal.cgi?DestApp=XS_PROD&Func=Frame
7. KRISTEKOVÁ, Miriam - KRISTEK, Jozef - MOCZO, Peter - DAY, Steven. M. Misfit Criteria for Quantitative Comparison of Seismograms. In *Bulletin of the Seismological Society of America*. ISSN 0037-1106. Vol. 96, no. 5 (2006), p. 1836-1850. (1,172 – IF2005) http://portal.isiknowledge.com/portal.cgi?DestApp=XS_FORM&Func=Frame
8. TENZER Robert - NOVÁK, Pavel - MOORE, Philip - VAJDA, Peter. Atmospheric Effects in Derivation of Geoid-Generated Gravity Anomalies. In *Studia geophysica et geodaetica*. ISSN 0039-3169. Vol. 50, no. 4 (2006), p. 583-593. (0,656 – IF 2005) http://portal.isiknowledge.com/portal.cgi?DestApp=XS_FORM&Func=Frame
9. VAJDA, Peter - ELLMANN, Artu – MEUERS, Bruno - VANÍČEK, Petr - NOVÁK, Pavel – TENZER, Robert. On gravimetric stripping the topographically corrected gravity disturbance. In *Studia geophysica et geodaetica*. ISSN 0039-3169. Vol. 50, Submitted, Dec. 14 (2006). (0,656 – IF 2005)
10. VAJDA, Peter - VANÍČEK, Petr - MEURERS, Bruno. A new physical foundation for anomalous gravity. In *Studia geophysica et geodaetica*. ISSN 0039-3169. Vol. 50, no. 2 (2006), p. 189-216. (0,656 – IF 2005) <http://www.springerlink.com/content/c6863470173r5152/?p=676cf91dc80b4fa69473da9b2fe12b04&pi=2>.

11. VOZÁR, Ján – SEMENOV, Vladimir, Yu. – KUVSHINOV, Alexey V. – MANOJ, Chandrasekharan. Updating the Map of Earth's Surface Conductance. In *EOS : Transactions American Geophysical Union*. ISSN 0196-2892. Vol. 87, no. 33 (2006), p. 326-331. (1,627 – IF 2005)
<http://www.agu.org/pubs/crossref/2006/2006EO330004.shtml>.
12. VALACH, Fridrich – VÁCZYOVÁ, Magdaléna – DOLINSKÝ, Peter. New Slovak geomagnetic repeat station network. In *Earth Planets Space (EPS)*. ISSN 1880-5981 Vol. 58, no. 6 (2006), p. 751-755. (0,209 - IF2005)
<http://www.terrapub.co.jp/journals/EPS/frame/58.html>.

Štatistika

ADC	Vedecké práce v zahraničných karentovaných časopisoch	11
ADD	Vedecké práce v domácich karentovaných časopisoch	1

Spolu		12

b.) v iných medzinárodných databázach (SCOPUS)

1. BEDNÁRIK, Martin – KOHÚT, Igor. Out-of-plane principal stress in plane strain/stress failure investigations – an overview of its relevance for various failure criteria. In *Contributions to Geophysics and Geodesy*. ISSN 1335-2806. Vol. 36, no 4 (2006), p. 343-360.
2. BIČÁROVÁ, Svetlana – FLEISCHER, Peter. Windstorm effect on forest sources of biogenic volatile organic compound emissions in the High Tatras. In *Contributions to Geophysics and Geodesy*. ISSN 1335-2806. Vol. 36, no 3 (2006), p. 269-282.
3. BIELIK, Miroslav – GRABOWSKA, Tereza – BOYDYS, Grzegorz – CSISCAY, Kristián – ŠEFARA, Ján – SPEVÁKOVÁ, Eva. Density modeling of the lithospheric structure along the CELEBRATION 2000 seismic profile CEL01. In *Contributions to Geophysics and Geodesy : 2nd Workshop on International Gravity Field Research, 8-10 May, 2006, Smolenice*. ISSN 1335-2806. Vol. 36, Special issue (2006), p. 67-84.
4. BIELIK, Miroslav - HÓK, Jozef - ŠUJAN, Martin - NAGY, Alexander - KOVÁČ, Michal - PLAŠIENKA, Dušan - ŠEFARA, Ján. Integrated interpretation of geophysical fields: implications for the tectonic structure of the Mochovce nuclear power plant. In *Acta Geodaetica et Geophysica Hungarica*. ISSN 1217-8977. Vol. 41, no. 3-4 (2006), p. 323-340.
5. BRIMICH, Ladislav. Tidal deformations observed of the Vyhne tidal station. In *Contributions to Geophysics and Geodesy*. ISSN 1335-2806. Vol. 35, no. 4 (2005), p. 391-400.

6. BRIMICH, Ladislav. Strain measurements at the Vyhne tidal station. In *Contributions to Geophysics and Geodesy*. ISSN 1335-2806. Vol. 36, no 4 (2006), p 361-372.
7. FUNAKI Minoru - KAPIŠINSKÝ, Igor - TÚNYI, Igor - ORLICKÝ, Oto. The magnetic hysteresis characteristics of the meteorites Allende, Canyon Diablo, El Hammami, Ghubara, Gold Basin, Nantan and Sichote Alin. In *Contributions to Geophysics and Geodesy*. ISSN 1335-2806. Vol. 35, no 4 (2005), p. 401-408.
8. HURTALOVÁ, Tat'jana – MATEJKA, František – ZVĚŘINOVÁ, Zuzana – JANOUŠ, Dalibor – ROŽNOVSKÝ, Jaroslav. Aerodynamic characteristics and wind direction above a spruce forest stand. In *Contributions to Geophysics and Geodesy*. ISSN 1335-2806. Vol. 36, no 3 (2006), p. 255-268.
9. HVOŽDARA Milan – KAPLÍKOVÁ, Adriana. Magnetometric problem for a 2-D body of polygonal cross-section buried in the unbounded magnetic halfspace. In *Contributions to Geophysics and Geodesy*. ISSN 1335-2806. Vol. 35, no. 4 (2005), p. 353–372.
10. HVOŽDARA Milan – KAPLÍKOVÁ, Adriana. Magnetic anomaly due to elliptic cylinder in the uniform exciting field. In *Contributions to Geophysics and Geodesy*. ISSN 1335-2806. Vol. 36, no. 2 (2006). p. 153–170.
11. KOSTECKÝ, Pavel – ONDRÁŠKOVÁ, Adriana – ROSENBERG, Ladislav - KOHÚT, Igor. Modeling o electromagnetic field in the Earth-ionosphere resonator (Transmission Line Method). In *Contributions to Geophysics and Geodesy*. ISSN 1335-2806. Vol. 36, no. 1 (2006), p. 73-86.
12. MEURERS Bruno – VAJDA, Peter. Some aspects of Bouguer gravity determination – revisited. In *Contributions to Geophysics and Geodesy : 2nd Workshop on International Gravity Field Research, 8-10 May, 2006, Smolenice*. ISSN 1335-2806. Vol. 36, Special issue (2006), p 85-99.
13. ORLICKÝ, Oto. Field-reversal versus self-reversal hypothesis: Different intensities of TRM of the reverselly magnetized natural basalts and those of the same origin laboratory magnetized artificial samples. In *Contributions to Geophysics and Geodesy*. ISSN 1335-2806. Vol. 36, no. 1 (2006), p. 35-48.
14. ORLICKÝ, Oto. Field-reversal versus self-reversal hypothesis: The Ti-rich titanomagnetite bearing basalts and their partly self-reversed partial thermoremanent magnetization induced in the laboratory field. In *Contributions to Geophysics and Geodesy*. ISSN 1335-2806. Vol. 36, no. 2 (2006), p. 171-188.
15. ORLICKÝ, Oto. Realistic interpretation of magnetic and paleomagnetic results of basalts from Southern Slovakia. In *Contributions to Geophysics and Geodesy*. ISSN 1335-2806. Vol. 36, no. 2 (2006), p. 201-227.
16. ORLICKÝ, Oto. The contribution to the solution of the source of marine magnetic anomalies. In *Contributions to Geophysics and Geodesy : the 6th Slovak Geophysical Conference, Bratislava, June 29-30, 2005*. ISSN 1335-2806. Vol. 36, special issue (2006), p. 115-123.

17. ORLICKÝ, Oto - FOTTOVÁ, Eva - RUTKAY, Matej - TIRPÁK, Ján. Archaeomagnetic dating of the fortification of the Veľká Morava. Period in Majcichov. In *Contributions to Geophysics and Geodesy : the 6th Slovak Geophysical Conference, Bratislava, June 29-30, 2006*. ISSN 1335-2806. Vol. 36, Special issue (2006), p. 109-114.
18. OSTROŽLÍK, Marian. Seasonal variability of the diffuse radiation at Mlyňany. In *Contributions to Geophysics and Geodesy*. ISSN 1335-2806. Vol. 36, no. 2 (2006), p. 317-327.
19. POHÁNKA, Vladimír. The maximally regular net on the sphere. In *Contributions to Geophysics and Geodesy*. ISSN 1335-2806. Vol. 36, no. 2 (2006), p. 115–152.
20. PRIBULLOVÁ, Anna – NOWAKOVÁ, Barbara – CHMELÍK, Miroslav. Modelling of long-term and short-term total ozone variability at Poprad-Gánovce, Slovakia. In *Contributions to Geophysics and Geodesy*. ISSN 1335-2806. Vol. 36, no. 3 (2006), p. 283-303.
21. RADWAN A. H. A. – ISSAWY, E. A. – DÉREROVÁ, Jana - BIELIK, Miroslav – KOHÚT, Igor. Integrated lithospheric modelling in the Red Sea area. In *Contributions to Geophysics and Geodesy*. ISSN 1335-2806. Vol. 36, no 4 (2006), p. 373-386.
22. SMETANOVÁ, Iveta - HOLÝ, Karol - TÚNYI, Igor - STEINITZ, Gideon. The ²²²Rn activity concentration in borehole water and its correlation to rainfall - a preliminary results. In *Acta Facultatis Ecologiae*. ISSN 1336-300X. Vol. 14, Suppl. 1 (2006), p. 49-53.
23. SZALAIOVÁ, Viktória – ZAHOREC, Pavol – STANKOVÁ, Viera - KATONA Martin - BIELIK, Miroslav – ŠEFARA, Ján. The interpretation of new geophysical measurements in the area of northern Slovakia. In *Contributions to Geophysics and Geodesy : the 6th Slovak Geophysical Conference, Bratislava, June 29-30, 2005*. ISSN 1335-2806. Vol. 36, Special issue (2006), p. 31-39.
24. TÚNYI, Igor – KÖHLER, Eduard. Paleomagnetic investigation of some Slovak Quaternary travertines. In *Contributions to Geophysics and Geodesy : the 6th Slovak Geophysical Conference, Bratislava, June 29-30, 2005*. ISSN 1335-2806. Vol. 36, Special issue (2006), p. 89-97.
25. VALACH, Fridrich – PRIGANCOVÁ, Alina. Neural network model for Kp prediction based on one-hour averages of solar wind data. In *Contributions to Geophysics and Geodesy : the 6th Slovak geophysical conference, Bratislava, June 29-30, 2005*. ISSN 1335-2806. Vol. 36, Special issue (2006), p. 61-71.
26. VALACH, Fridrich – PRIGANCOVÁ, Alina - VÁCZYOVÁ, Magdaléna. Neural network model for Kp prediction based on solar wind data and ground-based observations. In *Contributions to Geophysics and Geodesy*. ISSN 1335-2806. Vol. 36, no. 2 (2006), p. 189-199.

27. VALACH, Fridrich – VÁCZYOVÁ, Magdaléna – DOLINSKÝ, Peter. Geomagnetic field at Slovak repeat stations - the 2004.5 epoch. In *Contributions to Geophysics and Geodesy : the 6th Slovak Geophysical Conference, Bratislava, June 29-30, 2005*. ISSN 1335-2806. Vol. 36, Special issue (2006), p. 73-80.
28. VÁCZYOVÁ, Magdaléna – VALACH, Fridrich. The effect of the geomagnetic and paleomagnetic measurements accuracy. . In *Contributions to Geophysics and Geodesy*. ISSN 1335-2806. Vol. 36, no. 2 (2006), p. 229-237.

Štatistika

ADE	Vedecké práce v zahraničných nekarentovaných časopisoch	2
ADF	Vedecké práce v domácich nekarentovaných časopisoch	26

Spolu		28

Vedecké práce v ostatných časopisoch

1. BUČEK, Stanislav - KÖHLER, Eduard. Contribution to the recognition of the algal genus *Elianelia*. In *Slovak Geological Magazine*. ISSN 1335-096X. Vol. 11, no. 4, 2005, p. 299-308.
2. KÖHLER, Eduard – BUČEK, Stanislav. Paleocene reef limestones near veľký Lipník (Pieniny Mts., NE Slovakia): facial environments and biogenic components. In *Slovak Geological Magazine*. ISSN 1335-096X. Vol. 11, no. 4, 2005, p. 251-270.
3. LABÁK, Peter – CIPCIAR, Andrej - KRISTEKOVÁ, Miriam. Monitoring of earthquakes on the territory of Slovak Republic by the National Network of the Seismic Stations in the period 2001-2005. In *Slovak Geological Magazine*. Vol. Submitted, 2006.
4. MASARIK, Jozef - MOCZO, Peter – PREŠNAJDER, Peter – PLECENÍK, Andrej. Fakulta matematiky, fyziky a informatiky Univerzity Komenského v Bratislave. In *Československý časopis pro fyziku*. ISSN 0009-0700. Roč. 55, no. 6 (2005), p. 504-530.
5. MATEJKA, František – HURTALOVÁ, Tatjana – ROŽNOVSKÝ, Jaroslav – JANOUS, Dalibor. Energetická bilancia smrekového porastu. In *Acta horticulturae et regioteecturae : the Scientific Journal for Horticulture, Landscape Engineering, Architecture and Ecology*. ISSN 1335-2563. Vol. 8, no. 2 (2005), p. 39-41.

Štatistika

ADE	Vedecké práce v zahraničných nekarentovaných časopisoch	1
ADF	Vedecké práce v domácich nekarentovaných časopisoch	4

Spolu		5

Vedecké práce v zborníkoch (konferenčných aj nekonferenčných, vydaných tlačou a lebo na CD

a/ recenzovaných

1. BIČÁROVÁ, Svetlana - FLEISCHER, Peter. Changes of Ground Level Ozone Concentration after the November 2004 windstorm in the High Tatras. In LAPIN, Milan - MATEJKA, František (Eds). *Bioclimatology and water in the land, 11.-14 September 2006, Strečno : proceedings of the International Scientific Conference*. [elektronický zdroj]. Strečno. Bratislava : FMFI UK, 2006. ISBN 80-89186-12-2. [9] P. Elektronický zborník na CD ROM (R).
2. BIČÁROVÁ, Svetlana. Odhad množstva biogénnych prchavých organických látok vo Vysokých Tatrách. In ČELKOVÁ, Anežka - MATEJKA, František (Eds). *Transport vody, chemikálií a energie v systéme pôda-rastlina-atmosféra 14. posterový deň s medzinárodnou účasťou a deň otvorených dverí v ÚH SAV = 14th international poster day, 9. 11. 2006*. [elektronický zdroj]. Bratislava : ÚH SAV a Geofyzikálny ústav SAV, 2006. ISBN 80-85754-15-0. S. 38-43. Elektronický zborník na CD ROM (R).
3. BIELIK, Miroslav – ANTAL, Ádám. Structure of the lithosphere in the Carpathian–Pannonian region. In GOLONKA, Jan. – PICHA, Frank. J.(Eds). *The Carpathians and their foreland: Geology and hydrocarbon resources: AAPG Memoir 84, Chapter 1*. Tulsa, Oklahoma (USA) : The American Association of Petroleum Geologists (AAPG), 2006. ISBN 0891813659. P. 699 – 706, príloha na CD ROM. (R).
4. BONNEFOY, Claudet Sylvette - KRISTEKOVÁ, Miriam - KRISTEK, Jozef - MOCZO, Peter - Di GIULIO, Giuseppe. - ROVELLI, Antonio. Joint Accurate Time-frequency and High-resolution Array Analysis, a Tool for Site Effects Estimation? In: BARD, Pierre Yves et al. (eds.), *ESG 2006, Third Intl. Symposium on the Effects of Surface Geology on Seismic Motion*, 2006. ISSN 1626-4704. Vol. 1, P. 213-221. (R).
5. FELDSTEIN, Yakov I. – POPOV, Alexeev V. - CUMNOCK, Judy A. – PRIGANCOVÁ, Alina - BLOMBERG, Lars G. - TSURUTANI, Bruce T. - GROMOVA, Ludmila I. – LEVITIN, Anatoly E. Auroral electrojets and 3D currents in the ionosphere-magnetosphere system. In YAHNIN, Alexander (Ed.). *Proceedings 29th Apatity Seminar, GPI AS RF, Murmansk, February 27 - March 3, 2006*. Apatity : Cola Science Centre, Russian Academy of Sciences, 2006. ISBN 5-91137-009-3. P. 25-30. (R).

6. FLEISCHER, Peter – GODZIK, Barbara – BIČAROVÁ, Svetlana – BYTNEROWICZ, Andrzej. Effects of air pollution and climate change on forests of the Tatra Mountains. In OMASA, K - NOUCHI, I. - De KOK, L. J. (Eds). *Plant Responses to Air Pollution and Global Changes : the 6th International Symposium on* Tsukuba- Ibaraki, JAPAN, 21. - 22. 10. 2004. Springer-Verlag Tokyo, 2005. p. 112-121. (R).
7. FLEISCHER, Peter - GODZIK, Barbara - BIČAROVÁ, Svetlana. Prízemný ozón v Tatrách, riziko pre lesy i človeka. In FLEISCHER, Peter (Ed.). *III. Ogólnopolska konferencja przyroda Tatrzańskiego parku narodowego a człowiek, Zakopane, 13.-15. 9.* Kraków - Zakopane : Tatrzanski Park Narodowy, 2006. S.69-76. (R).
8. HURTALOVÁ, Taťjana – MATEJKA, František – JANOUŠ, Dalibor – ROŽNOVSKÝ, Jaroslav. Aerodynamic resistance and water vapour in the forest stand – atmosphere system. In LAPIN, Milan - MATEJKA, František (Eds). *Bioclimatology and water in the land, 11.-14 September 2006, Strečno : proceedings of the International Scientific Conference.* [elektronický zdroj]. Strečno. Bratislava : FMFI UK, 2006. ISBN 80-89186-12-2. [9] P. Elektronický zborník na CD ROM (R).
9. KAPLÍKOVÁ, Adriana – DOLINSKÝ, Peter – TÚNYI, Igor. Orientácia starých banských diel – archívny magnetizmus. In MARKOVÁ, Eva (Ed.). *Člověk ve svém pozemském a kosmickém prostředí : zborník referátů. Úpice, 17.-19. mája 2005.* Úpice : Hvězdárna Úpice, 2005. ISBN 80-86303-09-8. P. 118-121. (R).
10. KRISTEKOVÁ, Miriam - KRISTEK, Jozef - MOCZO, Peter - DAY, Steven M. Quantitative Misfit Criteria for Comparison of Seismograms. In: BARD, Pierre Yves et al. (Eds), *ESG 2006, Third Intl. Symposium on the Effects of Surface Geology on Seismic Motion*, 2006. ISSN 1626-4704. Vol. 1, P. 505-514. (R).
11. MATEJKA, František – STŘELCOVÁ, Kateřina – HURTALOVÁ, Taťjana – GÖMÖRYOVÁ, Erika Vplyv pôdneho a atmosférického sucha na transpiračný prúd v smrekovom pralese = Effect of Soil and Atmospheric Drought on Sap Flow in a Spruce Virgin Forest. In LAPIN, Milan - MATEJKA, František (Eds). *Bioclimatology and water in the land, 11.-14 September 2006, Strečno : proceedings of the International Scientific Conference.* [elektronický zdroj]. Strečno. Bratislava : FMFI UK, 2006. ISBN 80-89186-12-2. [8] P. Elektronický zborník na CD ROM. (R).
12. MOCZO, Peter - AMPUERO, Jean Paul - KRISTEK, Jozef - DAY, Steven M. - KRISTEKOVÁ, Miriam - PAŽÁK, Peter - GÁLIS, Martin - IGEL, Heiner. Comparison of Numerical Methods for Seismic Wave Propagation and Source Dynamics - the SPICE Code Validation. In BARD, Pierre Yves et al. (Eds.), *ESG 2006, Third Intl. Symposium on the Effects of Surface Geology on Seismic Motion*, 2006. Vol. 1, 495-504. ISSN 1626-4704 (R)

13. OSTROŽLÍK, Marian. Niektoré charakteristiky atmosférických zrážok v Mlyňanoch. In LAPIN, Milan - MATEJKA, František (Eds). *Bioclimatology and water in the land, 11.-14 September 2006, Strečno : proceedings of the International Scientific Conference.* [elektronický zdroj]. Strečno. Bratislava : FMFI UK, 2006. ISBN 80-89186-12-2. [4] P. Elektronický zborník na CD ROM. (R).
14. PRIBULLOVÁ, Anna – NOWAKOVÁ, Barbara. Modeling of long-term and short-term total ozone variability at Poprad-Gánovce, Slovakia. In LAPIN, Milan - MATEJKA, František (Eds). *Bioclimatology and water in the land, 11.-14 September 2006, Strečno : proceedings of the International Scientific Conference.* [elektronický zdroj]. Strečno. Bratislava : FMFI UK, 2006. ISBN 80-89186-12-2. [12] P. Elektronický zborník na CD ROM. (R).
15. PRIGANCOVÁ, Alina - VALACH, Fridrich - VÁCZYOVÁ, Magdéma – KAPLÍKOVÁ, Adriana. Interdisciplinary Aspects of Human Bioclimatology = Interdisciplinárne aspekty humánnej bioklimatológie. In LAPIN, Milan - MATEJKA, František (Eds). *Bioclimatology and water in the land, 11.-14 September 2006, Strečno : proceedings of the International Scientific Conference.* [elektronický zdroj]. Strečno. Bratislava : FMFI UK, 2006. ISBN 80-89186-12-2. [6] P. Elektronický zborník na CD ROM. (R).
16. PRIGANCOVÁ, Alina – FELDSTEIN, Yakov. I. Dynamika okolozemské plazmy počas magnetickej búrky. In MARKOVÁ, Eva (Ed.). *Člověk ve svém pozemském a kosmickém prostředí : zborník referátů. Úpice, 17.-19. mája 2005.* Úpice : Hvězdárna Úpice, 2005. ISBN 80-86303-09-8. P. 106-110. (R).
17. SKARLATOUDIS, Andreas - KRISTEK, Jozef - MOCZO, Peter - PAPAACHOS, Costas. Implementation of a Non-splitting Formulation of PML in a 3D 4th-order Velocity-stress FD Scheme. In VOLLER, Martin – GIARDINI, Domenico (Eds.). *Proceedings of the First European Conference on Earthquake Engineering and Seismology* (a joint event of the 13th ECEES & 30th General Assembly of the ESC), Geneva, Switzerland, 3-8 September 2006, Paper Number: 849. Elektronický zborník na CD ROM. (R).
18. TAPIA, Maria del Mar – MACAU, A. – FIGUERAS, S. – FRANEK, Peter. 1D and 2D seismic wave propagation modelling in Cerdanya valley (Catalonia, Spain). In: BARD, Pierre Yves et al (Eds.), *ESG 2006, Third International Symposium on the Effects of Surface Geology on Seismic Motion*, Vol. 1, 971-980. *Proceedings Paris, Laboratoire Central des Ponts et Chaussées, 2006.*
19. TÚNYI, Igor. Fyzika darov trojkráľových. In MARKOVÁ, Eva (Ed.). *Člověk ve svém pozemském a kosmickém prostředí : zborník referátů, 17. - 19. mája 2005.* Úpice : Hvězdárna Úpice, 2005. ISBN 80-86303-09-8. P. 218-219. (R).
20. TÚNYI, Igor - HOVORKA, Dušan – ORLICKÝ, Oto. Archeomagnetic dating of the Neolithic Ceramics from the Western Slovakia. In *Ve službách archeologie VII = In Service to Archeology VII.* Brno : Muzejní a vlastivědná společnost v Brně, Geodrill Brno, Geopek Brno, Nitra : Archeologický ústav Slovenskej akadémie vied, 2006. ISBN 80-7275-066-6. P. 142–147. (R).

21. VALACH, Fridrich – BOCHNÍČEK, Josef – HEJDA, Pavel. Geoeфективност выбранных слнечных энергетических eventov modelovaná s využitím umelej neuronovej siete. In MARKOVÁ, Eva (Ed.). *Člověk ve svém pozemském a kosmickém prostředí : zborník referátů. Úpice, 17.-19. mája 2005.* Úpice : Hvězdárna Úpice, 2005. ISBN 80-86303-09-8. P. 151–154. (R).
22. VALACH, Fridrich - PRIGANCOVÁ, Alina – TÚNYI, Igor. Kozmické počasie a predpoveď geomagnetickej aktivity. In MARKOVÁ, Eva (Ed.). *Člověk ve svém pozemském a kosmickém prostředí : zborník referátů. Úpice, 17.-19. mája 2005.* Úpice : Hvězdárna Úpice, 2005. ISBN 80-86303-09-8. P. 182–186. (R).
23. VALACH, Frdidrich - TÚNYI, Igor. Umelá neurónová sieť ako moderný nástroj štúdia biomagnetizmu. In MARKOVÁ, Eva (Ed.). *Člověk ve svém pozemském a kosmickém prostředí : zborník referátů, 17. - 19. mája 2005.* Úpice : Hvězdárna Úpice, 2005.. ISBN 80-86303-09-8. P. 207-212. (R).

Štatistika

AEC	Vedecké práce v zahraničných rec. vedeckých zborníkoch	16
AED	Vedecké práce v domácich rec. vedeckých zborníkoch	7

Spolu		23

b/ nerecenzovaných

1. BIELIK, Miroslav. Hustotné a integrované modelovanie stavby litosféry Karpát a okolitých tektonických jednotiek. In KOVÁČ, Michal - DUBÍKOVÁ, Katarína (Eds). *Zborník : Celoživotné odborné vzdelávanie a príprava pracovníkov v oblasti geovied. Nové metódy a výsledky výskumu v geológii Západných Karpát. Projekt : Prírodovedné vzdelávacie centrum, nástroj vzdelávania pre potreby trhu práce.* Bratislava : GEO-grafika, 2006. ISBN 80-969338-5-X.
2. KLUČIAROVÁ, Denisa. Využitie pôdnej magnetometrie pti štúdiu ťažkých kovov : o ekológii vo vybraných aglomeráciach Jelšavy-Lubeník a stredného Spiša. In *Zborník prednášok : XV. medzinárodné vedecké sympóziu o ekológii vo vybraných aglomeráciach Jelšavy – Lubenika a stredného Spiša, Hrádok, 26 - 27. 10. 2006 =15th International Scientific Symposium on ecology in selected agglomerations of Jelšava – Lubeník and central Spiš.* Košice : Ústav geotechniky SAV, 2006. S.132 –134. ISBN 80-80-77-043-3.
3. KLUČIAROVÁ, Denisa - GREGOROVÁ, Dagmar - TÚNYI, Igor. Magnetic susceptibility as an indicator of environmental pollution in soil a prelimainary study of Sered'. In *VII. Banskó-Štiavnické dn, 5.-7. októbra 2005 : zborník prednášok.* Banská Štiavnica, 2005. ISBN 80-88682-67-3, s.121-124.

4. KLUČIAROVÁ, Denisa - TÚNYI, Igor. Magnetic monitoring of pollution – A Review. International Conference, Environment and Landscape identity in rural Europe = Azonosulás a Tájjal és a Környezettel a Vidéki Európában. - 1. In ŠPINEROVÁ, Anna. *VIII. Banskštiavnické dni, 9–10. júna 2006. zborník prednášok*: Banská Štiavnica : Katedra UNESCO pre trvalo-udržateľný rozvoj, 2006. P. 48-50. ISBN 80-968484-7-X.
5. SMETANOVÁ, Iveta - HOLÝ, Karol - TÚNYI, Igor - STEINITZ, Gideon. Sledovanie zmien objemovej aktivity 222Rn vo vode a v ovzduší z vrto v Astronomickom a Geofyzikálnom observatóriu UK v Modre - Piesky. In *Zborník prednášok: VII. Banskštiavnické dni, 5–7. 10. 2005*. Banská Štiavnica: FEE STU Zvolen, 2005. ISBN 80-88682-67-3. P. 121-124. Elektronický zborník na CD ROM
6. SMETANOVÁ, Iveta - HOLÝ, Karol - MÜLLEROVÁ, Monika. Variations of 222Rn activity concentration in borehole air. In: BARNET, Ivan - NEZNAL, Matěj- PACHEROVÁ, Petra (Eds). *Radon investigations in the Czech Republic XI and the 8th International Workshop on the Geological Aspects of Radon Risk Mapping*, 26-30 September 2006. Prague : Czech Geological Survey, Radon v.o.s., Joint Research Center IES REM Ispra, 2006. P. 220-225.

Štatistika

AEE	Vedecké práce v zahraničných nerecenzovaných vedeckých zborníkoch	1
AEF	Vedecké práce v domácich nerecenzovaných vedeckých zborníkoch	5

Spolu		6

Vedecké práce v zborníkoch rozšírených abstraktov

1. MIKUŠKA Ján – MARUŠIAK, Ivan – ŠEFARA, Ján – PAŠTEKA, Roman - MRLINA, Ján. Effect of distant Earth on Bouguer anomaly values within the territory of former Czechoslovakia. In *Contributions to Geophysics and Geodesy*. ISSN 1335-2806. Vol. 35, Special issue, 1-2 (2005), p. +

Štatistika

	Vedecké práce v zborníkoch rozšírených abstraktov	1

Spolu		1

Recenzie

1. TÚNYI, Igor. Recenzia na knihu: KREMPASKÝ, Július. *Veda verus viera?* Bratislava : Beda, vydavateľstvo SAV, 2006. Recenzia bola uverejnená In *RAN = Radosť a nádej : spoločensko-duchovná revue*. Roč. 9, č. (2006), p. 84-85.

Štatistika

EDI	Recenzie v domácich publikáciách	1

Spolu		1

Prednášky a vývesky na vedeckých podujatiach s min. 30% zahraničnou účasťou

29th Apatity Seminar

(Apatity, February 27 - March 3, 2006)

1. [KMB] FELDSTEIN, Yakov I. – POPOV, Alexeev V. - CUMNOCK, Judy A. – PRIGANCOVÁ, Alina - BLOMBERG, Lars G. - TSURUTANI, Bruce T. - GROMOVA, Ludmila. I. – LEVITIN, Anatoly E. Auroral electrojets and boundaries of plasma domains in the magnetosphere during magnetically disturbed intervals.
2. [KMB] FELDSTEIN, Yakov I. – GROMOVA, Ludmila I. - KOZYRA, Janet U. - TSURUTANI, Bruce T. – PRIGANCOVÁ, Alina - ALEXEEV, Igor I. - LEVITIN, Anatoly E. - DREMUKHINA, L. A. Comparative modeling (by Tsyganenko 96 and 01, and Paraboloid models) of the large-scale distortions in the geomagnetic field during the 24–27 September 1998 major magnetic storm.

11th Quadrennial General of Meeting SCOSTEP : Sun, Space Physics and Climate STP Symposium (STP-11)

(Rio de Janeiro, Brasil, Marz 6 – 11, 2006)

3. [KMB] PRIGANCOVÁ, Alina - FELDSTEIN, Yakov I. – POPOV, Alexeev V. Spiral distribution of the maximum intensity magnetic disturbances due to high-latitude electrojets.
4. [KMA] PRIGANCOVÁ, Alina. STP (Solar Terrestrial Physics) activities in Slovakia – just at the beginning of the XXI century.
5. [KMC] VALACH, Fridrich - PRIGANCOVÁ, Alina – VÁCZYOVÁ, Magdaléna. Neural network model to predict the geomagnetic activity level under stormy space weather conditions.

**EGU General Assembly 2006
(Vienna, Austria, April 2-7 2006)**

6. [KMC] MOCZO, Peter - AMPUERO, Jean Paul - KRISTEK, Jozef - KRISTEKOVÁ, Miriam - DAY, Steven. M. – PAŽÁK, Peter - GÁLIS, Martin - IGEL, Heiner. The European network SPICE code validation.
7. [KMC] IGEL, Heiner - VILOTTE, J. P. - MOCZO, Peter - BARSCH, R. - STUPAZZINI, M. - VYE, E.. The EU SPICE Project: a Digital Library with Codes and Training material in Computational Seismology.
8. [KMC] KRISTEKOVÁ, M.iriám - KRISTEK, Jozef - MOCZO, Peter - DAY, Steven M. Quantitative misfit criteria for comparison of seismograms.
9. [KMC] BONNEFOY, Claudet Sylvette - KRISTEKOVÁ, Miriam - KRISTEK, Jozef - MOCZO, Peter - DI GIULIO, G. - ROVELLI, A. Site effects in Colfiorito basin (central Italy) observed from joint accurate time frequency and high resolution array analysis.

**6. stretnutie národných koordinátorov projektu COST-726 (MCM6)
(Larnake, Cyprus, April 5- 6, 2006)**

10. [KMB] PRIBULLOVÁ, Anna. Modellling exercise - UV-B radiation reconstruction model of the GPI SAS

**2nd Workshop on International Gravity Field Research
(Smolenice, Slovenská republika, 8. - 9. mája 2006)**

11. [KMC] BIELIK, Miroslav – WYBRANIEC, Stanislaw – MEURERS, Bruno – KLOSKA, Károly. - ŠVANCARA, Jan and CELEBRATION 2000 potential group: CELEBRATION 2000: Gravity maps of Central Europe.
12. [KMC] BIELIK, Miroslav – GRABOWSKA, Tereza. - BOYDYS, Grzegorz. – CSICSAY, Kristian – HLADKÝ, J. Density modeling along transects CELEBRATION 2000.
13. [KMC] BRIMICH, Ladislav. Strain measurements at the tidal station Vyhne.
14. [KMC] DÉREROVÁ, Jana – BIELIK, Miroslav - ZEYEN, Hermann – SALMAN, Karmah. New map of lithosphere thickness of the Carpathian-Pannonian region based on integrated geophysical modelling.
15. [KMC] BIELIK, Miroslav - MAKARENKO, Irina - LEGOSTAEVA, Ola - STAROSTENKO, Vitaly - DÉREROVÁ, Jana. Stripped gravity map of Carpathian-Pannonian region. 2
16. [KMB] KATONA, M. – MAKARENKO, Irina – LEGOSTAEVA, Ola – SZALAIÓVÁ, Eva – BIELIK, Miroslav – STAROSTENKO, Vitaly – DÉREROVÁ, Jana. Calculation of 3D gravitational effects of the density anomalous bodies in Slovenské rudohorie mountain range.

17. [KMC] KATONA, Martin – MAKARENKO, Irina. – LEGOSTAEVA, Ola – SZALAIÓVÁ, Eva – BIELIK, Miroslav – STAROSTENKO, Vitaly – DÉREROVÁ, Jana. Calculation of 3D gravitational effects of the density anomalous bodies in Slovenské rudohorie mountain range.
18. [KMC] KOHÚT, Igor – KOSTECKÝ, Pavel. Investigation of the influence of the domain boundaries in finite element cavity effect simulations.
19. [KMB] MIKUŠKA, Ján – PAŠTEKA, Roman – MARUŠIAK, I. – BIELIK, Miroslav – HAJACH, Miroslav. Linear trends in complete Bouguer anomaly maps of Slovakia and neighbouring countries.
20. [KMC] MIKUŠKA, Ján – PAŠTEKA, Roman – MARUŠIAK, I. – BIELIK, Miroslav – HAJACH, Miroslav. Linear trends in complete Bouguer anomaly maps of Slovakia and neighbouring countries.
21. [KMB] SZALAIÓVÁ, Viktória .- KATONA, Martin – BIELIK, Miroslav – ZAHOREC, P. – ŠEFARA, Ján – PEPEL, A. – SCZYPA, S. Density modelling of new measured gravity data in the area of northern Slovakia.
22. [KMC] SZALAIÓVÁ, E. – MAKARENKO, Irina – LEGOSTAEVA, Ola - SZALAIÓVÁ, Viktória – BIELIK, Miroslav – STAROSTENKO, Vitaly – KATONA, Martin - DÉREROVÁ, Jana. 3D modeling in Liptovská kotlina valley.
23. [KMB] SZALAIÓVÁ, Eva – MAKARENKO, Irina – LEGOSTAEVA, Ola - SZALAIÓVÁ, Viktória – BIELIK, Miroslav – STAROSTENKO, Vitaly – KATONA, Martin - DÉREROVÁ, Jana. 3D modeling in Liptovská kotlina valley.
24. [KMC] TAŠÁROVÁ, Zuzana – GÖTZE, Hans J. – BIELIK, Miroslav. Subduction vs. collision zone in gravity field.
25. [KMB] VAJDA, Peter - VANÍČEK, Petr - NOVÁK, Pavel - TENZER, Robert – ELLMANN, Artu. Secondary indirect effects in gravimetry.
26. [KMB] VAJDA, Peter - VANÍČEK, Petr – MEUERS, Bruno. On the relation between anomalous gravity and the attraction of earth's subsurface anomalous density.
27. [KMC] VAJDA, Peter – PÁNISOVÁ, Jaroslava. The geophysical indirect effect and its impact estimated for the territory of central Europe.
28. [KMB] TENZER, Robert - NOVÁK, Pavel – MOORE, Philip - VAJDA, Peter. Effect of atmosphere on the gravity anomaly.

**Workshop on „Natural Hazard Prevention in Historic Centres“
(Banská Štiavnica, Slovakia, May 11 – 12, 2006)**

29. [KMB] LABÁK, Peter – CIPCIAR, Andrej. Historical Earthquakes in Central Slovakia - an overview. CADSES INTERREG IIIB – SISMA, System Integrated for Security Management Activities.

**Človek ve svém pozemském a kosmickém prostředí
(Upice, Česká republika, 16. - 18. mája 2006)**

30. [KMB] PRIGANCOVÁ, Alina - FELDSTEIN, Yakov I. Prúdy v aurorálnej oblasti a ich dynamika.
31. [KMB] VALACH, Fridrich - PRIGANCOVÁ, Alina - TÚNYI, Igor. Kozmické počasie a predpoveď geomagnetickej aktivity.
32. [KMB] VALACH, Fridrich – BOCHNÍČEK, Josef – HEJDA, Pavel. Geofektívnosť vybraných slnečných energetických eventov modelovaná s využitím umelej neuronovej siete.

**18. celoštátny slnečný seminár s medzinárodnou účasťou
(Modra, Slovenská republika, 22. –26. mája 2006)**

33. [KMA] PRIGANCOVÁ, Alina. Porušenosť magnetoséry ako súčasť extrémneho kozmického počasia.
34. [KMB] PRIGANCOVÁ, Alina – HVOŽDARA, Milan. Dlhoperiodické lunisolárne oscilácie vo vzťahu k evolúcii klímy.
35. [KMB] VALACH, Fridrich – PRIGANCOVÁ, Alina – VÁCZYOVÁ, Magdaléna. NS-model pre predpoveď geomagnetických búrok.

**Česko–slovenské seizmologické dni
(Velké Dářko, Česká republika, 30. mája - 2. júna 2006)**

36. [KMB] CIPCIAR, Andrej – LABÁK, Peter – KRISTEKOVÁ, Miriam. Seizmická aktivita na území Slovenskej republiky v rokoch 2001-2005.
37. [KMB] LABÁK, Peter – CIPCIAR, Andrej - KRISTEKOVÁ, Miriam. Monitorovanie zemetrasení na Slovensku.
38. [KMB] MOCZO, Peter – KRISTEK, Jozef – GÁLIS, Martin - KRISTEKOVÁ, Miriam – BALAŽOVJECH, Martin – FRANEK, Peter – PAŽÁK, Peter - HALADA, Ladislav. Numerické modelovanie a analýza seizmického pohybu.

**XIIth IAGA Workshop on Geomagnetic Observatory Instruments, Data Acquisition and Processing
(Belsk, Poland, June 19-24, 2006)**

39. [KMC] VÁCZYOVÁ, Magdaléna – VALACH, Fridrich. The effect of the geomagnetic activity on the accuracy of geomagnetic survey measurements.

**Institute of Engineering Seismology and Earthquake Engineering ITSAK
(Thessaloniki, Greece, June 27, 2006)**

40. [KMA] KRISTEK, Jozef – MOCZO, Peter. Conventional, staggered-grid, and optimally-accurate D schemes – 1D problem. Part 2: Velocity-stress discontinuous staggered-grid FD scheme and MPI computer code.

**Aristotle University
(Thessaloniki, Greece, June 29, 2006)**

41. [KMA] KRISTEKOVÁ, Miriam – KRISTEK, Jozef – MOCZO, Peter – DAY, Steven M. Time-frequency quantitative criteria or comparison of seismograms.

**SPICE R&T Workshop III
(Kinsale, Ireland, July 22 – July 28, 2006)**

42. [KMB] GALLOVIČ, František – FRANEK, Peter. Preliminary results of earthquake ground-motion modeling in the Valley of Grenoble, French Alps.
43. [KMB] MOCZO, Peter - AMPUERO, Jean Paul - KRISTEK, Jozef - DAY, Steven M. - KRISTEKOVÁ, Miriam - PAŽÁK, Peter - GÁLIS, Martin - IGEL, Heiner. The SPICE Code Validation.

1st International Symposium of The International Gravity Field Service, (Istanbul, Turkey, August 28 – September 1, 2006)

44. [KMC] TENZER, Robert. – NOVÁK, Pavel. - ELLMANN, Artur – VAJDA, Peter. Far-zone effects in gravimetric geoid modelling by means of the surface truncation coefficients.

**Third International Symposium on the Effects of Surface Geology on Seismic Motion
(Grenoble, France, August 29 – September 1, 2006)**

45. [KMC] BONNEFOY-Claudette Sylvette - KRISTEKOVÁ, Miriam - KRISTEK, Jozef - MOCZO, Peter - DI GIULIO, G. - ROVELLI, A. Joint Accurate Time-frequency and High-resolution Array Analysis, a Tool for Site Effects Estimation?
46. [KMC] FRANEK, Peter – GALLOVIČ, František. Kinematic modeling of strong earthquake motion in the Grenoble Valley, French Alps.
47. [KMC] GUILLIER, B.- CORNOU, Cecile - KRISTEK, Jozef – BONNEFOY, Claudette, Sylvette - BARD, Pierre-Yves - FAEH, D. - MOCZO, Peter. Simulation of seismic ambient vibrations: does the H/V provide quantitative information in 2D-3D structure?
48. [KMC] KRISTEKOVÁ, Miriam - KRISTEK, Jozef - MOCZO, Peter - DAY, Steven M. Quantitative Misfit Criteria for Comparison of Seismograms.
49. [KMC] KRISTEK, Jozef - MOCZO, Peter. The Finite-difference Schemes based on the Conventional, Staggered-grid and Optimally Accurate Operators: a Numerical Comparison.

50. [KMB] MOCZO, Peter - AMPUERO, Jean Paul - KRISTEK, Jozef - DAY, Steven M. - KRISTEKOVÁ, Miriam - PAŽÁK, Peter - GÁLIS, Martin - IGEL, Heiner. Comparison of Numerical Methods for Seismic Wave Propagation and Source Dynamics - the SPICE Code Validation.
51. [KMC] TAPIA, Maria del Mar – MACAU, A. – FIGUERAS, S. – FRANEK, Peter. 1D and 2D seismic wave propagation modelling in Cerdanya valley (Catalonia, Spain).

**10th Castle Meeting Paleo, Rock and Environmental Magnetism
(Valtice, Česká republika, 3. - 8. septembra 2006)**

52. [KMB] GREGOROVÁ, Dagmar - HROUDA, František - KOHÚT, Mojmír. The imprint of multistage tectonic evolution of the Považský Inovec Mts. in the magnetic fabrics of its rocks
53. [KMC] KLUČIAROVÁ Denisa - GREGOROVÁ, Dagmar - TÚNYI, Igor. Magnetic susceptibility of topsoils polluted by heavy metals in the vicinity of nickel factory dump in the Slovak city Sered'.

**1st European Conference on Earthquake Engineering and Seismology
(Geneva, Switzerland, September 3-8)**

54. [KMC] LABÁK, Peter – RADOVANOVIČ, Slavica – PEKEVSKI, Lazo – BYSTRICKÝ, Erik – CIPCIAR, Andrej. Modernization of seismic networks in Serbia and Macedonia – a contribution to real-time data exchange in the SE Europe
55. [KMB] LABÁK, Peter. The January 9, 1906 Dobrá Voda earthquake – a quick test of reliability of existing macroseismic data.

**6th Annual Meeting of the European Meteorological Society
(Ljubljana, Slovenia, September 4 –8, 2006)**

56. [KMC] MATEJKA, František – HURTALOVÁ, Tat'jana. Effects of vegetation on thermal stratification in atmospheric surface layer.

**15 years of EU supported ecophysical research in the Czech Republic
(Olomouc, Czech republic, September 8 - 21, 2006)**

57. [KMC] HURTALOVÁ, Tat'jana – MATEJKA, František – JANOUS, Dalibor – ROŽNOVSKÝ, Jaroslav – MARKOVÁ, Irena. Aerodynamic characteristics of an air layer affected by a young spruce forest during nine growing seasons.

**Earth Sciences and Mathematics
(Madrid, Spain, September 11–17, 2006)**

58. [KMA] BRIMICH, Ladislav. Extensometric measurements in Carpatho-Pannonian region in non tidal frequency domain.

**Bioclimatology and water in the land
(Strečno, Slovakia, September 11 –14, 2006)**

59. [KMB] BIČÁROVÁ, Svetlana - FLEISCHER, Peter. Changes of ground level ozone concentration after the november 2004 windstorm in the High Tatras.
60. [KMC] HURTALOVÁ, Taťjana – MATEJKA, František – JANOUŠ, Dalibor – ROŽNOVSKÝ, Jaroslav. Aerodynamic resistance and water vapour in the forest stand – atmosphere system.
61. [KMC] MATEJKA, František – STŘELCOVÁ, Kateřina – HURTALOVÁ, Taťjana – GÖMÖRYOVÁ, Erika. Effect of soil and atmospheric drought on sap flow in a spruce virgin forest.
62. [KMCOSTROŽLÍK, Marian. Selected precipitation characteristics at Mlyňany.
63. [KMA] PRIGANCOVÁ, Alina -VALACH, Fridrich - VÁCZYOVÁ, Magdaléna - KAPLÍKOVÁ, Adriana. Interdisciplinárne aspekty humánnej bioklimatológie.

**III. Ogólnopolska konferencja przyroda Tatrzańskiego parku narodowego a człowiek
(Zakopane, Poland, September 13-15, 2005)**

64. [KMB] FLEISCHER, Peter - GODZIK, Barbara - BIČÁROVÁ, Svetlana.. Prízemný ozón v Tatrách, riziko pre lesy i človeka.

**18th International Workshop on Electromagnetic Induction in the Earth
(El Vendrell, Spain, September 17 - 23, 2006)**

65. [KMA] VOZÁR, Ján – SEMENOV, Vladimir Yu. The numerical simulation of new method for Mantle Sounding.
66. [KMA] PUSHKAREV, P. - JOZWIAK Waldemar – LADANYVSKYY, B. – LOGVINOV, I. – SEMENOV, Vladimir Yu. - VOZÁR, Ján.. On the mantle geoelectrical structure in the vicinity of the Trans-European suture zone. CEMES project.

**8th International Workshop on the Geological aspects of Radon Risk Mapping
(Praha, Česká republika, 26. - 30. septembra, 2006)**

67. [KMC] SMETANOVÁ, Iveta - HOLÝ, Karol – MÜLLEROVÁ, Monika. Variations of ²²²Rn activity concentration in borehole air.

**International Conference, Environment and Landscape identity in rural Europe : 8.
štiavnické dni
(Banská Štiavnica, Slovenská republika, 4. - 6. októbra 2006)**

68. [KMC] KLUČIAROVÁ, Denisa – TÚNYI, Igor. Magnetic monitoring of pollution.
69. [KMB] KLUČIAROVÁ, Denisa. Magnetická susceptibilita ako indikátor znečistenia pôdy ťažkými kovmi.

**Herbsttagung des Arbeitskreises Geodäsie/Geophysik
(Bremen – Wörthausen, October 16 – 21, 2006)**

70. [KMB] BRIMICH, Ladislav. Extensometric measurements in Slovakia, 39. Herbsttagung des Arbeitskreises Geodäsie/Geophysik

**XV. medzinárodné sympóziu „O ekológii vo vybraných aglomeráciach Jelšavy-Lubeník a stredného Spiša“
(Hrádok, Slovenská republika, 26.-27. októbra 2006)**

71. [KMC] KLUČIAROVÁ, Denisa - GREGOROVÁ, Dagmar – TÚNYI, Igor. Magnetic susceptibility of topsoils polluted by heavy metals in the vicinity of nickel factory dump in the slovak city of Sereď.

University of Kiel

(Kiel, Germany, November 1, 2006)

72. [KMA] BIELIK, Miroslav. Integrated gravity studies of the lithosphere in the Carpathian-Pannonian region.

**Meeting of the potential field group of international project CELEBRATION 2000 in frame of workshop of the APVT-51-002804 project „Development, Improvement and Application of Progressive Methods of 2D and 3D Gravity Field Interpretation in Geophysics and Geology
(Bratislava, Slovenská republika, 26.-27. októbra 2006)**

73. [KMB] BIELIK, Miroslav - KLOSKA, K. - MEURERS, Bruno - ŠVANCARA, H. - WYBRANIEC, Stanislaw and CELEBRATION 2000 Potential Field Working Group: : Gravity anomaly map of the CELEBRATION 2000 region.
74. [KMB] BIELIK, Miroslav - GRABOWSKA, Tereza. - BOYDYS, Grzegorz - CSISCAY, Kristián - ŠEFARA Ján - DÉREROVÁ, Jana - SZALAIÓVÁ, E. - SPEVÁKOVÁ, E. – VOZÁR, Jozef. Density modeling of the lithospheric structure along CELEBRATION 2000 seismic profile CEL01.
75. [KMB] BIELIK, Miroslav - DÉREROVÁ, Jana - ZEYEN, Hermann – SALMAN, Karmah. Integrated gravity study of lithosphere in the Carpathian–Pannonian Region.
76. [KMB] PAŠTEKA, Roman – MIKUŠKA, Ján – BIELIK, Miroslav – HAJACH, Miroslav – KARCOL, R. - RICHTER, F. – WYBRANIEC, Stanislaw – TAŠÁROVÁ, Zuzana. Stable transformations of potential fields in the CELEBRATION 2000 area.
77. [KMB] SZALAIÓVÁ, Viktória - VOZÁR, Jozef - BIELIK, Miroslav - ŠEFARA, Ján - VOZÁR, Ján - POTFAJ, Michal - MIKUŠKA, Ján - KOVÁČ, Peter – GLUCH, A - GUTERCH, Aleksander - GRAD, Marek - SRODA, Piotr - HEGEDÜS, E. - BODOKY, Tamás - HRUBCOVÁ, Pavla - KELLER, Robert, G. - BRÜCKL, E. – THYBO, Hans. Transects across the geological units of the Western Carpathians and interpretation (seismic, gravity, magnetotelluric).

Transport vody, chemikálií a energie v systéme pôda-rastlina-atmosféra 14. posterový deň s medzinárodnou účasťou a deň otvorených dverí v ÚH SAV = 14th International Poster Day
(Bratislava, Slovenská republika, 9. novembra 2006)

- 78. [KMC] BIČÁROVÁ, Svetlana. Odhad množstva emisií biogénnych prchavých organických látok vo Vysokých Tatrách.
- 79. [KMC] OSTROŽLÍK, Marian. Atmospheric icing occurrence at Lomnický štít.
- 80. [KMC] PRIBULLOVÁ, Anna – NOWAKOVÁ, Barbara. Modeling of Long-Term and Short-Term Total Ozone Variability at Poprad-Gánovce, Slovakia.

Space Weather Week
(Brussels, Belgia, November 13 - 17, 2006)

- 81. [KMC] VALACH, Fridrich - BOCHNÍČEK, Josef – HEJDA, Pavel. Geoeffectiveness of Solar Energetic Events Estimated by Artificial Neural Networks.

Present Research in Advanced Geodesy : lecture series, Institute of Geodesy and Geophysics
(TU Wien, Austria, November 29, 2006)

- 82. [KMA] VAJDA, Peter. On the definition, use and inversion of anomalous gravity.

National Research Institute of Astronomy and Geophysics : Ministry of Scientific Research
(Káhira, Egypt, 29 November 2006)

- 83. [KMA] DÉREROVÁ, Jana. 2D integrated lithospheric modelling and its application in the Carpathian-Pannonian area.
- 84. [KMA] BRIMICH, Ladislav. The results of the extensometric measurements in the Carpathian-Pannonian region.
- 85. [KMA] BRIMICH, Ladislav. Geodynamic investigation in Geophysical Institute of the Slovak Academy of Sciences.

AGU Fall Meeting
(San Francisco , USA, December 11–16, 2006)

- 86. [KMB] BIELIK, Miroslav - ZEYEN, Hermann - DÉREROVA, Jana - MAKARENKO, Irina – STAROSTENKO, Vitaly - LEGOSTAEVA, Ola - SALMAN, Karmah. 3D gravity modeling in the Carpathian-Pannonian region and 2D integrated geophysical modeling for determination of the continental lithospheric thermal structure.

87. [KMC] KRISTEKOVÁ, Miriam - KRISTEK, Jozef - MOCZO, Peter - DAY, Steven M. Quantitative misfit criteria for comparison of seismograms and characteristics of earthquake motion.
88. [KMC] BARSCH, R. - IGEL, Heiner - VILOTTE, J. - MOCZO, Peter - STUPAZZINI, M. The SPICE library of codes and training material.
89. [KMC] KRISTEK, Jozef - MOCZO, Peter – GÁLIS, Martin - KRISTEKOVÁ, Miriam. Comparison of the 2nd-order and 4th-order Staggered-Grid Finite-Difference Implementations of the TSN Method for Rupture Propagation.
90. [KMB] MOCZO, Peter - PAŽÁK, Peter - KRISTEK, Jozef. Fundamental formulations, FD targets, and FD schemes for a 1D wave propagation problem. Numerical comparison of the conventional, staggered-grid, and optimally- accurate FD schemes.

Štatistika

KMB	Prihlásené referáty na medzinárodných vedeckých konferenciách	36
KMC	Postery zo zahraničných konferencií	41
KMA	Vyžiadané (pozvané) referáty na medzinárodných vedeckých konferenciách	13

Spolu		90

Ostatné prednášky a vývesky

Prednáška pre verejnosť, Gymnázium Grösslingová 18 (Bratislava, Slovenská republika, 3. apríla 2006)

1. [KNB] GREGOROVÁ, Dagmar. Vo vlnách elektromagnetického žiarenia.

15-th Conference of Slovak Physicists (Stará Lesná, High Tatras, Slovak Republic, Septemeber 11–14, 2006)

2. [KNA] VAJDA, Peter. Inverse problem of gravimetry.

VIII. Banskoštiavnické dni 2006 (Banská Štiavnica, Slovenská republika, 4. – 6. októbra 2006)

3. [KNB] SMETANOVÁ, Iveta - HOLÝ, Karol - TÚNYI, Igor - STEINITZ, Gideon, 2006: The ²²²Rn activity concentration in borehole water and its correlation to rainfall - a preliminary results.

**Seminár v poslucharni F2 v budove FMFI UK, Bratislava
(Bratislava, Slovenská republika, 12. októbra 2006)**

4. [KNB] LABÁK, Peter – KRISTEKOVÁ, Miriam. Monitorovanie a analýza zemetrasení na Slovensku.

KOLOS 2006

(Sninské rybníky, Slovenská republika, November 30- December 2)

5. [KNB] LABÁK, Peter – CIPCIAR, Andrej – KRISTEKOVÁ, Miriam. Monitorovanie zemetrasení na Slovensku.

Prednáška pre študentov geológie – Katedra geológie a paleontológie, Prírodovedecká fakulta UK

(Bratislava, Slovenská republika, 13. decembra 2006)

6. [KNB] GREGOROVÁ, Dagmar – KOHÚT, Mojmir - .HROUDA, František. Základy metód výskumu magnetizmu hornín.

5. výročný predvianočný seminár SGS : Nové poznatky o stavbe a vývoji Západných Karpát

(Bratislava, Slovenská republika, 14. decembra 2006)

7. [KNB] GREGOROVÁ, Dagmar – KOHÚT, Mojmir - .HROUDA, František. Nové výsledky výskumu magnetickej stavby kryštalinika Považského Inovca.
8. [KNB] MADARÁS, Ján. - OLŠAVSKÝ, M. - SIMAN, P. - HÓK, Jozef. Imbrikovaná stavba kryštalinika a sedimentárneho obalu SZ časti – seleckého bloku Považského Inovca

Štatistika

KNA	Vyžiadané referáty na domácich vedeckých konferenciách	1
KNB	Prihlásené referáty na domácich vedeckých konferenciách	7

Spolu		8

Ostatné vydávané periodiká

HVOŽDARA, Milan (Ed.) – KOHÚT, Igor (výk. red.) - BIELIK, Miroslav – BRIMICH, Ladislav (zodp. red.) – HEFTY, Ján (zostav.) – HURTALOVÁ, Tatjana – LABÁK, Peter – MATEJKA, František – PAŠTEKA, Roman – TÚNYI, Igor - VAJDA, Peter. *Contributions to Geophysics and Geodesy : a journal of geophysics, geodesy, meteorology and climatology*. ISSN 1335-2806. Vol. 36, 2006. (R) + Special Issue *Proceedings of the 2-nd Workshop on International Gravity Field Research, Smolenice castle, Slovak Republic, May 8–9, 2006*.

Štatistika

FAI	Redakčné a zostavovateľské práce (bibliografie, časopisy, encyklopédie, katalógy, slovníky, zborníky...)	1
-----	--	---

Spolu		1
-------	--	---

Ostatné vydávané neperiodiká – ročenky

1. OSTROŽLÍK, Marian. *Meteorological observatories Skalnaté Pleso and Stará Lesná. Year-book 2005*. Bratislava : Geofyzikálny ústav SAV, 2006. 34 s.
2. VÁCZYOVÁ, Magdaléna. Intermagnet CD ROM 2003 : príspevok za Hurbanovo. In *Príspevok pre elektronické periodikum*. Elektronický časopis na CD-ROM, 2005.
3. VÁCZYOVÁ, Magdaléna. Intermagnet CD ROM 2004 : príspevok za Hurbanovo. In *Príspevok pre elektronické periodikum*. Elektronický časopis na CD-ROM, 2006.

Štatistika

FAI	Redakčné a zostavovateľské práce (bibliografie, časopisy, encyklopédie, katalógy, slovníky, zborníky...)	3
-----	--	---

Spolu		3
-------	--	---

Vydané alebo evidované zborníky z vedeckých podujatí

1. BIELIK, Miroslav - MOCZO, Peter (Eds). *Proceedings of the Workshop. Science and Technology for Safe Development of Lifeline Systems. Natural Risk: Earthquakes and Co-seismic Associated Risks, Neotectonics and Seismic Hazard Assessment in the CEI Area*. Bratislava : PRIF UK FMFI UK a GFÚ SAV 2005. 204 p. ISBN 80-223-2116-8
2. BRIMICH, Ladislav – KOSORIN, Karol - MATEJKA, František – NOVÁK, Viliam – ŠTEKAUEROVÁ, Vlasta – ŠÚTOR, Július (vedec. garanti) - HURTALOVÁ, Tatjana (org. výbor). *Transport vody, chemikálií a energie v systéme pôda-rastlina-atmosféra 14. posterový deň s medzinárodnou účasťou a deň otvorených dverí v ÚH SAV = 14th international poster day, 9. 11. 2006*. [elektronický zdroj]. Bratislava : ÚH SAV a Geofyzikálny ústav SAV, 2006. 1 CD-ROM disk. ISBN 80-
3. ČELKOVÁ, Anežka - MATEJKA, František (Eds). *Transport vody, chemikálií a energie v systéme pôda-rastlina-atmosféra : 14. posterový deň s medzinárodnou účasťou a deň otvorených dverí v ÚH SAV = 14th international poster day, 9. 11. 2006*. [elektronický zdroj]. Bratislava : ÚH SAV a Geofyzikálny ústav SAV, 2006. 1 CD-ROM disk. ISBN 80-85754-15-0

4. MOCZO, Peter - LABÁK, Peter - KRISTEK, Jozef (Eds). Proceedings of the Workshop – Abstract Book. *Seismic Wave Propagation and Imaging in Complex Media: a European Network – Spice R&T Workshop II*. FMFI UK a GFÚ SAV, Bratislava : FMFI UK a GFÚ SAV, 2005, 64 p. ISBN 80-223-2074-9.

Štatistika

FAI	Redakčné a zostavovateľské práce (bibliografie, časopisy, encyklopédie, katalógy, slovníky, zborníky...)	4

Spolu		4

Vysokoškolsé učebnice a učebné texty – uverejnené na internete

1. MOCZO, Peter - LABÁK, Peter. Zemetrasenia a seizmické ohrozenie : bakalárske štúdium seizmológia. Bratislava : Geofyzikálny ústav SAV, 20006 24 s.
http://www.nuquake.eu/Earthquakes/Moczo_Labak_2000.pdf
2. LABÁK, Peter. Analýza seizmického ohrozenia a makroseizmické účinky zemetrasení : magisterské štúdium seizmológia. Bratislava : Geofyzikálny ústav SAV, 20006, 29 s.
http://metanoon.dgp.fmph.uniba.sk/mainpage/stud_mat/seiz-ohr-makro.pdf
3. BRIMICH, Ladislav. Tiažové pole Zeme : magisterské štúdium : gravimetria a geodynamika. Bratislava : Geofyzikálny ústav SAV, 20006, 129 s.
http://metanoon.dgp.fmph.uniba.sk/mainpage/stud_mat/tiaz_pole.pdf

Štatistika

AHG	Vysokoškolské učebnice a učebné texty – uverejnené na internete	3

Spolu		3

Vedecké práce uverejnené na internete

a.) v cudzom jazyku

1. OSTROŽLÍK, Marian. Results of the atmospheric icing measurements at Lomnický štít http://www.meteo.bg/meteorology/proj_ice_e.htm, zo dňa 6. 6. 2006.
2. TÚNYI, Igor. Planetesimal Aggregation Driven by Impulse Magnetic Fields in Protoplanetary Nebulae.
http://msc.caltech.edu/conferences/2005/disks05/Poster_Presentations/tunyi.poster.2.pdf [Poster1 PDF][Poster2 PDF] , zo dňa 11. 12. 2006.

3. KRISTEKOVÁ, Miriam. Programme packages. TF-MISFITS.
http://www.nuquake.eu/Computer_Codes/index.html
4. KRISTEKOVÁ, Miriam. Programme packages. TF-SIGNAL.
http://www.nuquake.eu/Computer_Codes/index.html
- 5.

Štatistika

AHG	Vedecké práce uverejnené na internete v cudzom jazyku	4
<hr/>		
Spolu		4

Citácie vo WOS

BIELIK, Miroslav

Počet citácií: 8

BIELIK, Miroslav – MAJCIN, Dušan - FUSÁN, Oto – BURDA, M. – TREŠL, J.
Analysis o density and geothermal models o the Earth's crust in the Western
Carpathians. In *Geologica Carpathica*. ISSN 1335-0552. Vol. 6, 1991, p. 315-322, CC,
WOS, Scopus

Ohlasy:

1. [1] SZABÓ, C – FALUS, G. – ZAJACZ, Z. - KOVACS, I. – BALI, E. Composition and evolution of lithosphere beneath the Carpathian-Pannonian Region: a review. In *Tectonophysics*. ISSN: 0040-1951. Vol. 393, no. 1-4, 2004, p. 119-137, WOS, CC, Scopus

LILLIE, Robert J. - BIELIK, Miroslav - BABUŠKA, Vladislav - PLOMEROVÁ, Jaroslava. Gravity modelling of the Lithosphere in the Eastern Alpine-Western Carpathian Pannonian Basin Region. In *Tectonophysics*. ISSN 0040-1951. Vol. 231, no. 4 (1994), p. 215-235.

Ohlasy:

2. [1] MARTIN, M - RITTER, J. R. – CALIXTO, R. Working Grp. 2005. High-resolution teleseismic body-wave tomography beneath SE Romania - I. Implications for three-dimensional versus one-dimensional crustal correction strategies with a new crustal velocity model. In *Geophysical Journal International*, ISSN 0956-540X, 2005, Vol. 162, no. 2, p. 448-460., CC, WOS, Scopus

BIELIK, Miroslav - DYRELIUS, D. - LILLIE, Robert J. Caledonian lithosphere - gravity structure and comparison with Carpathian lithosphere. In *Contributions to Geophysics and Geodesy*. ISSN 1335-2806. Vol. 26, no. 1 (1996), p. 72-84, Scopus

Ohlasy:

3. [1] EBBING, J. - OLESEN O. The Northern and Southern Scandes - structural differences revealed by an analysis of gravity anomalies, the geoid and regional isostasy. In *Tectonophysics*, ISSN 0040-1951, Vol. 411, no. 1-4, 2005, p. 73-87, WOS, CC, Scopus

BEZÁK, Vladimír - ŠEFARA, Ján - BIELIK, Miroslav - KUBEŠ, Peter. Models of the Western Carpathian Lithosphere. In: *Geological Evolution of the Western Carpathians*. Bratislava : Geocomplex, 1997. S. 25-34. - ISBN 80-967018-7-8

Ohlasy:

4. [1] RAILEANU, V, BALA, A, HAUSER, F - PRODEHL C. - FIELITZ W. Crustal properties from S-wave and gravity data along a seismic refraction profile in Romania. In *Tectonophysics*, ISSN 0040-1951, 2005, Vol. 410, no. 1-4, p. 251-272, CC, WOS, Scopus

ÁDÁM, A - BIELIK, Miroslav. The crustal and upper-mantle geophysical signature of narrow continental rifts in the Pannonian basin. In *Geophysical Journal International* ISSN 0956-540X. Vol. 134, no. 11 (1998), p. 157-171. WOS, CC, Scopus

Ohlasy:

5. [1] CLOETINGH, Sierd - MATENCO, L – BADA, Gábor – DINU, C. – MOCANU, V. The evolution of the Carpathians-Pannonian system: Interaction between neotectonics, deep structure, polyphase orogeny and sedimentary basins in a source to sink natural laboratory. In *Tectonophysics*. ISSN: 0040-1951. Vol. 410, no. 1-4, 2005, p. 1-14, WOS, CC, Scopus
6. [1] SZARKA, László – ÁDÁM, Antal – MENVIELLE, M. A field test of imaging properties of rotational invariants of the magnetotelluric impedance tensor. In *Geophysical Prospecting*. ISSN 0016-8025. Vol. 53, no. 3, 2005, p. 325-334, WOS, CC

LANKREIJER, Anco - BIELIK, Miroslav - CLOETINGH, Sierd - MAJCIN, Dušan. Rheology predictions across the western Carpathians, Bohemian massif and the Pannonian basin: Implications for tectonic scenarios. In *Tectonics*. ISSN 0040-1951. Vol. 18, no. 6 (1999), p. 1139-1153, Wos, CC, Scopus

Ohlasy:

7. [1] JAROSIŃSKI, M. Ongoing tectonic reactivation of the Outer Carpathians and its impact on the foreland: Results of borehole breakout measurements in Poland *Tectonophysics*, ISSN 0040-1951, 2005, Vol. 410, no. 1-4, p. 189-216. CC, WOS, Scopus.

BIELIK, Miroslav - ŠEFARA, Ján - KOVÁČ, Michal - BEZÁK, Vladimír - PLAŠIENKA, Dušan. The Western Carpathians–interaction of Hercynian and Alpine processes. In *Tectonophysics*. ISSN 0040-1951. Vol. 393, no. 1-4 special issue (2004), p. 63-86, CC, WOS, Scopus. sefara je za skolu

Ohlasy:

8. [1] JUREWICZ, E. Geodynamic evolution of the Tatra Mts. and the Pieniny Klippen Belt (Western Carpathians): problems and comments. In *Acta Geologica Polonica*, ISSN 0001-5709, 2005, Vol. no. 3, p. 295-338, WOS, CC, Scopus

DÉREROVÁ, Jana

Počet citácií: 4

ZEYEN, Hermann - DÉREROVÁ, Jana - BIELIK, Miroslav. Determination of the continental lithospheric thermal structure in the Western Carpathians: integrated modelling of surface heat flow, gravity anomalies and topography. In *Physics of the Earth and Planetary Interiors*. ISSN 0031-9201. Vol. 134, no. 1-2 (2002), p. 89-104, CC, WOS, Scopus

Ohlasy:

9. [1] FERNANDEZ, M. – AYALA, C. – TORNE, M – VERGES, J. – GOMEZ, M. – KARPUZ, R. Lithospheric structure of the Mid-Norwegian Margin: comparison between the More and Voring margins. In *Journal of the Geological Society*, ISSN

0016-7649, 2005, Vol. 162, Part 6, p. 1005-1012, CC, WOS, Scopus

10. [1] JUREWICZ E. Geodynamic evolution of the Tatra Mts. and the Pieniny Klippen Belt (Western Carpathians): problems and comments. In *Acta Geologica Polonica*, ISSN 0001-5709, 2005, Vol. 55, no. 3, p. 295-338, CC, WOS, Scopus
11. [1] AFONSO, J.C. – RANALLI, G. – FERNANDEZ, M. Thermal expansivity and elastic properties of the lithospheric mantle: results from mineral physics of composites. In *Physics Of The Earth And Planetary Interiors*, ISSN 0031-9201, 2005, Vol. 149, no. 3-4, p. 279-306, CC, WOS, Scopus
12. [1] AYARZA, P. – CATALAN, J.R.M. - ALVAREZ-MARRON, J. - ZEYEN Hermann – JUHLIN, C. Geophysical constraints on the deep structure of a limited ocean-continent subduction zone at the North Iberian Margin. In *Tectonics*, ISSN 0278-7407, 2004, Vol. 23, no. 1, Art. No. TC1010 JAN 31

HVOŽDARA, Milan

Počet citácií: 2

HVOŽDARA, Milan - KAIKKONEN, P. An integral equations solution of the forward DC Geoelectric problem for a 3-D body of inhomogeneous conductivity buried in a halfspace. In *Journal of Applied Geophysics*. ISSN 0926-9851. Vol. 39, no. 2 (1998), CC, WOS, Scopus

Ohlasy:

13. [1] BOULANGER, O. – CHOUTEAU, M. 3D modelling and sensitivity in DC resistivity using charge density. In *Geophysical Prospecting*, ISSN 0016-8025, 2005, Vol. 53, no. 4, p. 579-617, CC, WOS, Scopus

HVOŽDARA, Milan – ORLICKÝ, Oto – FUNAKI, Minoru – CEVOLANI, Giordano – PORUBČAN, Vladimír – TÚNYI, Igor. A possible assesment o an origin of remanent magnetism of the meteorite into its interior. In *Contributions of the Astronomical Observatory Skalnté Pleso*. ISSN 1335-1842. Vol. 33, no. 3, 2003, p. 193-208.

Ohlasy:

14. [2] TRIMBLE, V. – ASCHWANDEN, M. Astrophysics in 2004. In *Publications of the Astronomical Society of the Pacific*, ISSN 0004-6280, 2005, Vol. 117, no. 830, p. 311-394, CC, WOS, Scopus
-

JANKOVIČOVÁ, Daniela

Počet citácií: 1

JANKOVIČOVÁ, Dana - DOLINSKÝ, Peter - VALACH, Fridrich - VÖRÖS, Zoltán. Neural network based nonlinear prediction of magnetic storms. In *Journal of Atmospheric and Solar-Terrestrial Physics*. ISSN 1364-6826. Vol. 64, 2002, no. 5-6, pp. 651-656

Ohlasy:

15. [1] MENDES, O. – DOMINGUES, M. O. - DA COSTA, A. M. - DE GONZALEZ, A. L. C. Wavelet analysis applied to magnetograms: Singularity detections related to geomagnetic storms. In *Journal of Atmospheric and Solar-Terrestrial Physics*, ISSN 1364-6826, 2005, Vol. 67, no. 17-18, p. 1827-1836, CC, WOS, Scopus

*****KUBÁČKOVÁ, Ľudmila**

Počet citácií: 4

KUBÁČKOVÁ Ľudmila – KUBÁČEK, Ľubomír. A group of gravimeters, stochastic problems and their solution. IAG Symposia. Vol. 112. Berlin :pringer Verlag, 1993, p. 275-278.

Ohlasy:

16. [1] KOTSAKIS, C. A type of biased estimators for linear models with uniformly biased data. In *Journal of Geodesy*, ISSN 0264-3707, 2005, Vol. 79, no. 6-7, p. 341-350, CC, WOS, Scopus

KUBÁČKOVÁ, Ľudmila. Foundations of experimental data analysis. Boca Raton – Ann Arbor – London – Tokyo, CRC Press, 1992, 204 p.

Ohlasy:

17. [1] MÜLLER, L. – BEDNÁŘ, P. – BARTÁ, P. – LEMR, K. – ŠEVČÍK, Ján. Estimation of partition coefficients by MEKC - Part 2: Anthocyanins. In *Journal of Separation Science*. ISSN 1615-9306. 2005, Vol. 28, no. 12, p. 1285-1290, CC, WOS, Scopus
18. [1] FEDOR-FREYBERGH, P. G. – MIKULECKÝ, M. From the descriptive towards inferential statistics: Hundred years since conception of the Student's t-distribution. In *Neuroendocrinology Letters*, ISSN 0172-780X, 2005, Vol. 26, no. 3, p. 167-172, WOS, Scopus
19. [1] BARTÁK, P. – BEDNÁŘ, P – KUBÁČEK, Ľubomír – LAMMERHOFER, M. – LINDNER, W. – STRÁNSKY, Z. Advanced statistical evaluation of the complex formation constants from electrophoretic data II - Diastereomeric ion-pairs of (R,S)-N-(3,5-dinitrobenzoyl)leucine and tert-butylcarbamoylequinine. In *Analytica Chimica Acta*, ISSN 0003-2670, 2004, Vol. 506, no. 1, p. 105-113, CC, WOS, Scopus

KRISTEK, Jozef

Počet citácií: 4

KRISTEK, Jozef - MOCZO, Peter - ARCHULETA, Ralf J. Efficient methods to simulate planar free surface in the 3D 4(th)-order staggered-grid finite-difference schemes. In *Studia geophysica et geodaetica*. ISSN 0039-3169. Vol. 46, no. 2 (2002), p. 355-381, CC, WOS, Scopus

Ohlasy:

20. [1] PEREZ-RUIZ, J. A. – LUZON, F. - GARCIA-JEREZ, A. Simulation of an irregular free surface with a displacement finite-difference scheme. *Bulletin of the Seismological Society of America*. ISSN 0037-1106, 2005, Vol. 95, no. 6, p. 2216-2231, CC, WOS, Scopus

MOCZO, Peter – KRISTEK, Jozef – VAVRYČUK, V. – ARCHULETA, Ralf J. – HALADA, Ladislav. 3D heterogeneous staggered-grid finite-difference modeling of seismic motion with volume harmonic and arithmetic averaging of elastic moduli and densities. In *Bulletin of the Seismological Society of America*. ISSN 0037-1106. Vol. 92, no. 8 (2002), p. 3042-3066, CC, WOS, Scopus

Ohlasy:

21. [1] DANGLA, P. - SEMBLAT, J. F. - XIAO, H. H. - DELEPINE, N. A simple and efficient regularization method for 3D BEM: Application to frequency-domain elastodynamics. In *Bulletin of the Seismological Society of America*, ISSN: 0037-1106, 2005, Vol. 95, no. 5, p. 1916-1927. CC, WOS, Scopus
22. [1] KRÜGER, O. S. - SAENGER, E.H. - SHAPIRO, S. A. Scattering and diffraction by a single crack: an accuracy analysis of the rotated staggered grid. In *Geophysical Journal International*, ISSN: 0956-540X, 2005, Vol. 162, no. 1, p. 25-31. CC, WOS, Scopus

KRISTEK, Jozef - MOCZO, Peter. Seismic-wave propagation in viscoelastic media with material discontinuities: A 3D fourth-order staggered-grid finite-difference modeling. In *Bulletin of the Seismological Society of America*. ISSN 0037-1106. Vol. 93, no. 5, (2003), p. 2273-2280, CC, WOS, Scopus

Ohlasy:

23. [1] SAENGER, E. H. – SHAPIRO, S. A. – KEEHM, Y. Seismic effects of viscous Biot-coupling: Finite difference simulations on micro-scale. In *Geophysical Research Letters*, ISSN 0094-8276, 2005, Vol. 32, no. 14, Art. No. L14310 JUL 26, p. 1-5, CC, WOS, Scopus

***LUKÁČ, Ján

Počet citácií: 2

KOCIFAJ, Miroslav - LUKÁČ, Ján. Using the multiple scattering theory for calculation of the radiation fluxes from experimental aerosol data. In *J QUANT SPECTROSC RA* 60 (6): 933-942 DEC 1998, WOS, CC

Ohlasy:

24. [1] BERTOCCHI, R. – KRIBUS, A. – KARNI, J. Experimentally determined optical properties of a polydisperse carbon black cloud for a solar particle receiver. In *Journal of Solar Energy Engineering-Transactions of the Asme*, ISSN , 0199-6231, 2004, Vol. 126, no. 3, p. 833-841, CC, WOS, Scopus

25. [1] DOGRAS, C. K. – IOANNIDOU, M. P. – CHRISOULIDIS, D. P. Analytical study of the changes in the color of daylight due to sulfate droplets and soot grains in the atmosphere. In *Journal of Quantitative Spectroscopy & Radiative Transfer*, ISSN 0022-4073, 2004, Vol. 84, no. 2, p. 223-238, CC, WOS, Scopus.
-

MATEJKA, František

Počet citácií: 1

STŘELCOVÁ, Kateřina - MATEJKA, František - MINĎÁŠ, Jozef. Estimation of beech transpiration in relation to their social status in forest stand. In *Journal of Forest Science*. ISSN Vol. 48, 2002, no. 3, pp. 130-140, Scopus

Ohlasy:

26. [1] SCHUME, H. - HAGER, H. - JOST, G. Water and energy exchange above a mixed European Beech - Norway Spruce forest canopy: A comparison of eddy covariance against soil water depletion measurement. In *Theoretical and Applied Climatology*, ISSN 0177-798X, 2005, Vol. 81, no. 1-2, p. 87-100.
-

MOCZO, Peter

Počet citácií: 18

MOCZO, Peter. Finite-difference technique for sh-waves in 2-d media using irregular grids application to the seismic response problem. In *Geophysical Journal International*. ISSN 0956-540X. Vol. 99, no. 2 (1989), p. 321-329, CC, WOS, Scopus

Ohlasy:

27. [1] WU, C. L. – HARRIS, J. M. – NIHEI, K.T. – NAKAGAWA, S. Two-dimensional finite-difference seismic modeling of an open fluid-filled fracture: Comparison of thin-layer and linear-slip models. In *Geophysics*, ISSN 0016-8033, 2005, Vol. 70, no. 4, p. T57-T62, CC, WOS, Scopus
28. [1] MAKRA, K. - CHÁVEZ-GARCÍA, F. J. - RAPPAKIS, D. - PITILAKIS, K. Parametric analysis of the seismic response of a 2D sedimentary valley: Implications for code implementations of complex site effects. In *Soil Dynamics and Earthquake Engineering*, ISSN 0267-7261, 2005, Vol. 25, no. 4, p. 303-315, CC, WOS, Scopus

ZÁHRADNÍK, J. - JECH, J. - MOCZO, Peter. Approximate absorption corrections for complete sh seismograms. In *Studia geophysica et geodaetica*. ISSN 0039-3169. Vol. 34, no. 3 (1990), p. 185-196, WOS, Scopus

Ohlasy:

29. [1] OPRŠAL, I. – FAH, Donat – MAI, P. M. – GIARDINI, D. Deterministic earthquake scenario for the Basel area: Simulating strong motions and site effects for Basel, Switzerland. In *Journal of Geophysical Research-Solid Earth*, ISSN 0148-0227, 2005, Vol. 110, no. B4, Art. No. B04305 PR 19, CC, WOS, Scopus

ZÁHRADNÍK, J. - JECH, J. - MOCZO, Peter. Absorption correction for computations of a seismic ground response. In *Bulletin of the Seismological Society of America*. ISSN 0037-1106. Vol. 80, no. 5 (1990), p. 1382-1387, WOS, Scopus

30. [1] OPRŠAL, I. – FAH, Donat – MAI, P. M. – GIARDINI, D. Deterministic earthquake scenario for the Basel area: Simulating strong motions and site effects for Basel, Switzerland. In *Journal of Geophysical Research-Solid Earth*, ISSN , 2005, Vol. 110, no. B4, Art. No. B04305 PR 19, CC, WOS, Scopus

MOCZO, Peter - BARD, Pierre Yves. Wave diffraction, amplification and differential motion near strong lateral discontinuities. In *Bulletin of the Seismological Society of America*. ISSN 0037-1106. Vol. 83, no. 1 (1993), p. 85-106, WOS, Scopus

Ohlasy:

31. [1] MAKRA, K. - CHÁVEZ-GARCÍA, F. J. - RAPTAKIS, D. - PITILAKIS, K. Parametric analysis of the seismic response of a 2D sedimentary valley: Implications for code implementations of complex site effects. In *Soil Dynamics and Earthquake Engineering*, ISSN 0267-726125, 2005, Vol. 25, no. 4, p. 303-315, CC, WOS, Scopus
32. [1] NARAYAN, J. P. Study of basin-edge effects on the ground motion characteristics using 2.5-d modelling. In *Pure and Applied Geophysics*, ISSN 0033-4553, 2005, Vol. 162, no. 2, p. 273-289, CC, WOS, Scopus
33. [1] SEMBLAT JF, KHAM A, PARARA E, ET AL. Seismic wave amplification: Basin geometry vs soil layering. In *Soil Dynamics and Earthquake Engineering*. ISSN 0267-726125, 2005, Vol. 25, no. 7-10 Sp. Iss, p. 529-538, CC, WOS, Scopus

MOCZO, Peter - LABÁK, Peter - KRISTEK, Jozef - HRON, F. Amplification and differential motion due to an antiplane 2D resonance in the sediment valleys embedded in a layer over the half-space. In *Bulletin of the Seismological Society of America*. ISSN 0037-1106. Vol. 86, no. 5 (1996), p. 1434-1446, CC v ktorej databaze to bolo, WOS, Scopus

Ohlasy:

34. [1] MAKRA, K. - CHÁVEZ-GARCÍA, F. J. - RAPTAKIS, D. - PITILAKIS, K. Parametric analysis of the seismic response of a 2D sedimentary valley: Implications for code implementations of complex site effects. In *Soil Dynamics and Earthquake Engineering*, ISSN 0267-726125, 2005, Vol. 25, no. 4, p. 303-315, CC, WOS, Scopus

MOCZO, Peter - BYSTRICKÝ, Erik - KRISTEK, Jozef - CARCIONE, J. M. - BOUCHON, M. Hybrid modeling of P-SV seismic motion at inhomogeneous viscoelastic topographic structures. In *Bulletin of the Seismological Society of America*. ISSN 0037-1106. Vol. 87, no. 5 (1997), p. 1305-1323, WOS, Scopus

35. [1] RANGELOV, T. V. – MANOLIS, G. D. – DINEVA, P. S. Elastodynamic fundamental solutions for certain families of 2d inhomogeneous anisotropic domains: basic derivations. In *European Journal of Mechanics A-Solids*, ISSN 0997-7538, 2005, Vol. 24, no. 5, p. 820-836, CC, WOS, Scopus

36. [1] FACCIOLI, E. – VANINI, A. – PAOLUCCI, R. – STUPAZZINI, A. Comment on Domain reduction method for three-dimensional earthquake modeling in localized regions, Part 1: Theory," by J. Bielak, K. Loukakis, Y. Hisada, and C. Yoshimura, and "Part II: Verification and applications," by C. Yoshimura, J. Bielak, Y. Hisada, and A. Fernandez. In *Bulletin of the Seismological Society of America*. ISSN 0037-1106, 2005, Vol. 95 , no. 2, p. 763-769, CC, WOS, Scopus

MOCZO, Peter - LUCKÁ, Mária - KRISTEK, Jozef - KRISTEKOVÁ, Miriam. 3D displacement finite differences and a combined memory optimization. In *Bulletin of the Seismological Society of America*. ISSN 0037-1106. Vol. 89, no. 1 (1999), p. 69-79.

Ohlasy:

37. [1] BLIKBERG, R. – SOREVIK, T. Load balancing and OpenMP implementation of nested parallelism. In *Parallel Computing*, ISSN , 2005, Vol. 31, no. 10-12, p. 984-998, CC, WOS, Scopus
38. [1] COHEN G, - FAUQUEUX, S. Mixed spectral finite elements for the linear elasticity system in unbounded domains. In *Siam Journal on Scientific Computing*, ISSN 1064-8275, 2005, Vol. 26, no. 3, p. 864-884, CC, WOS, Scopus

MOCZO, Peter - KRISTEK, Jozef - HALADA, Ladislav. 3D fourth-order staggered-grid finite-difference schemes: Stability and grid dispersion. In *Bulletin of the Seismological Society of America*. ISSN 0037-1106. Vol. 90, no. 3 (2000), p. 587-603, CC, WOS, Scopus

Ohlasy:

39. [1] PÉREZ-RUIZ, J. A. - LUZÓN, F. - GARCÍA-JEREZ, A. Simulation of an irregular free surface with a displacement finite-difference scheme. In *Bulletin of the Seismological Society of America*. ISSN 0037-1106, 2005, Vol. 95 , no 6, p 2216-2231, CC, WOS, Scopus

MOCZO, P.- KRISTEK, J. – VAVRYCUK, V. – ARCHULETA, R. J., HALADA, L. 3D heterogeneous staggered grid finite difference modelling of seismic motion with volume harmonic and arithmetic averaging of elastic moduli and densities. In *Bulletin of the Seismological Society of America*. ISSN 0037-1106. Vol. 92, no. 8 (2002), p. 3042-3066. CC, WOS, Scopus

40. [1] KRÜGER, O. S. - SAENGER, E.H. - SHAPIRO, S. A. Scattering and diffraction by a single crack: an accuracy analysis of the rotated staggered grid. In *Geophysical Journal International*, ISSN: 0956-540X, 2005, Vol. 162, no. 1, p. 25-31. CC, WOS, Scopus

MOCZO, Peter - KRISTEK, Jozef - BYSTRICKÝ, Erik. Efficiency and optimization of the 3-D finite-difference modeling of seismic ground motion. In *Journal of Computational Acoustics*. ISSN 0218-396X. Vol. 9, 2001, no. 2, pp. 593-609, CC, WOS, Scopus

Ohlasy:

41. [1] SAENGER, E. H. – SHAPIRO, S. A. – KEEHM, Y. Seismic effects of viscous Biot-coupling: Finite difference simulations on micro-scale. In *Geophysical Research Letters*, ISSN 0094-8276, 2005, Vol. 32, no. 14, p. 1-5, CC, WOS, Scopus

BEAUVAL, C. - BARD, Pierre Yves - MOCZO, Peter - KRISTEK Jozef. Quantification of frequency-dependent lengthening of seismic ground-motion duration due to local geology: Applications to the Volvi area (Greece). In *Bulletin of the Seismological Society of America*. ISSN 0037-1106. Vol. 93, no. 1 (2003), p. 371-385, CC, WOS, Scopus

Ohlasy:

42. [1] BIRGÖREN, G. – IRIKURA, K. Estimation of site response in time domain using the Meyer-Yamada wavelet analysis. In *Bulletin of the Seismological Society of America*. ISSN 0037-1106, 2005, Vol. 95, no. 4, p.1447-1456, CC, WOS, Scopus

MOCZO, Peter – KRISTEK, Jozef – GÁLIS, Martin. Simulation of the planar free surface with near-surface lateral discontinuities in the finite-difference modeling of seismic motion. In *Bulletin of the Seismological Society of America*. ISSN 0037-1106. Vol. 94, no. 2 (2004), p. 760-768, CC, WOS, Scopus

Ohlasy:

43. [1] PÉREZ-RUIZ, J. A. - LUZÓN, F. - GARCÍA-JEREZ, A. Simulation of an irregular free surface with a displacement finite-difference scheme. In *Bulletin of the Seismological Society of America*. ISSN 0037-1106, 2005, Vol. 95, no 6, p 2216-2231, CC, WOS, Scopus

MOCZO, Peter - ROBERTSSON, J. O. A. - EISNER, Leo. The finite-difference time-domain. Method for Modelling of Seismic Wave Propagation. In *Advances in Wave Propagation in Heterogeneous Earth*, R.-S. Wu and V. Maupin, eds., in *Advances in Geophysics 48*, 2006, R. Dmowska, ed., Elsevier – Pergamon.

Ohlasy:

44. [1] DAY, Steven M., - DALGUER, L. A. - LAPUSTA, N. - LIU, Y. Comparison of finite difference and boundary integral solutions to three-dimensional spontaneous rupture. In *Journal of Geophysical Research-Solid Earth*, ISSN 0148-0227, 2005, Vol. 110, no. B12, Art. No. B12307 CC, WOS, Scopus

PRIGANCOVÁ, Alina

Počet citácií: 3

STŘEŠTÍK, Jaroslav - PRIGANCOVÁ, Alina. On the possible effect of environmental factors on the occurrence of traffic accidents. In *Acta geodaetica, geophysica et montanistica Hungarica : a quarterly journal of the Hungarian Academy of Sciences*. ISSN 0236-5758. Vol. 21, no. 1-2 (1986), p. 155-166, Scopus

Ohlasy:

45. [1] HALBERG, F. - CORNÉLISSEN, G. - OTSUKA, K. - FISER, B. - MITSUTAKE, G. - WENDT, H. W. - JOHNSON, P. – GIGOLASHVILI, M. – BREUS, T. – SONKOWSKY, R. – CHIBISOV, S. M. – KATINAS, G – SIEGELOVA, J. – DUSEK,

- J. – SINGH, R. B. – BERRI, B. L. - SCHWARTZKOPFF, O. Incidence of sudden cardiac death, myocardial infarction and far- and near-transyears. In *Biomedicine and Pharmacotherapy*, ISSN 0753-3322, 2005, Vol. 59, supplement.1, pages S239-S261, CC, WOS, Scopus
46. [1] HALBERG, F. - OTSUKA, K. - KATINAS, G. - SONKOWSKY, R. - REGAL, P. - SCHWARTZKOPFF, O. - JOZSA, R. - OLAH, A. – ZEMAN, M. – BAKKEN, E. E. - CORNÉLISSEN, G. A chronomic tree of life: Ontogenetic and phylogenetic 'memories' of primordial cycles - Keys to ethics. In *Biomedicine and Pharmacotherapy*, ISSN 0753-3322, 2004, Vol. 58 supplement 1, p. S1-S11, CC, WOS, Scopus
47. [1] STOUPEL, E. - KALEDIENE, R. - PETRAUSKIENE, J. - DOMARKIENE, S. - RADISHAUSKAS, R. - ABRAMSON, E. - ISRAELEVICH, P. - SULKES, J. Three kinds of cosmophysical activity: Links to temporal distribution of deaths and occurrence of acute myocardial infarction. In *Medical Science Monitor*, ISSN 1234-1010, 2004, Vol. 10, no. 2, p. CR80-CR84, . CC, WOS, Scopus

*****STRIŽENEC, Pavol**

Počet citácií: 1

DUBNIČKA, S - DUBNIČKOVÁ, A. Z. - STRIŽENEC, Pavol. New ormulation of the unitary and analytic VMD model of nucleon electromagnetic structure. In *Nuovo Cimento Della Societa Italiana Di Fisica A-Nuclei Particles And Fields*. ISSN: 0369-3546 Vol. 106, no. 9 (1993,)p. 1253-1268.

Ohlasy:

48. [1] SUROVTSEV, Y. S. - BLOKHINTSEVA, T. D. - BYDZOVSKY, P. - NAGY, M. Electroproduction, photoproduction, and inverse electroproduction of pions in the first resonance region. In *Physical Review C*, ISSN 0556-2813, 2005, Vol. 71, no. 5.

TÚNYI, Igor

Počet citácií: 11

MÁRTON, Emő - PAGÁČ, Pavol - TÚNYI, Igor. Paleomagnetic investigations on late Cretaceous-Cenozoic sediments from the NW part of the Pannonian Basin. In *Geologica Carpathica*. ISSN 1335-0552. Vol. 43, no. 6 (1992), p. 363-368, kde bol v CC, WOS, Scopus

Ohlasy:

49. [1] GRABOWSKI, J. New Berriasian palaeopole from the Central West Carpathians (Tatra Mountains, southern Poland): Does it look Apulian? *Geophysical Journal International*, ISSN 0956-540X, 2005, Vol.161, no. 1, p. 65-80, CC, WOS.

KRUCZYK, J. – KADZIALKO-HOFMOKL, M. - LEFELD, J. - PAGÁČ, Pavol - TÚNYI, Igor. Paleomagnetism of Jurassic sediments as evidence for oroclinal bending of the inner west Carpathians. *Tectonophysics*. ISSN 0040-1951. Vol. 206, no. 3-4 (1992), p. 315-324. nebolo v CC- kde, WOS, Scopus

Ohlasy:

50. [1] JUREWICZ, E. Geodynamic evolution of the Tatra Mts. and the Pieniny Klippen Belt (Western Carpathians): Problems and comments. In *Acta Geologica Polonica*, ISSN 0001-5709, 2005, Vol. 55, no. 3, p. 295-338, Scopus, CC, WOS, Scopus
51. [1] GRABOWSKI, J. New Berriasian palaeopole from the Central West Carpathians (Tatra Mountains, southern Poland): Does it look Apulian? *Geophysical Journal International*, ISSN 0956-540X, 2005, Vol.161, no. 1, p. 65-80, CC, WOS.
52. [1] LEWANDOWSKI, M.- KROBICKI, M. - MATYJA, B. A. - WIERZBOWSKI, A. Palaeogeographic evolution of the Pieniny Klippen Basin using stratigraphic and palaeomagnetic data from the Veliky Kamenets section (Carpathians, Ukraine). In *Palaeogeography, Palaeoclimatology, Palaeoecology*, ISSN , 2005, Vol. 216, no. 1-2, p. 53-72, CC, WOS, Scopus

MÁRTON, Emő - VASS, Dionýz - TÚNYI, Igor. Rotation of the South Slovak Paleogene and Lower Miocene rocks indicated by paleomagnetic data. In *Geologica Carpathica*. ISSN 1335-0552. Vol. 47, no. 1 (1996), p 31-41, WOS, Scopus

Ohlasy:

53. [1] GRABOWSKI, J. New Berriasian palaeopole from the Central West Carpathians (Tatra Mountains, southern Poland): Does it look Apulian? *Geophysical Journal International*, ISSN 0956-540X, 2005, Vol.161, no. 1, p. 65-80, CC, WOS.

TÚNYI, Igor - MÁRTON, Emő. Indications for large tertiary rotation in the Carpathian-northern Pannonian region outside the North Hungarian Paleogene Basin. In *Geologica Carpathica*. ISSN 1335-0552. Vol. 47, no. 1 (1996), p. 43-49, WOS, Scopus

Ohlasy:

54. [1] GRABOWSKI, J. New Berriasian palaeopole from the Central West Carpathians (Tatra Mountains, southern Poland): Does it look Apulian? *Geophysical Journal International*, ISSN 0956-540X, 2005, Vol.161, no. 1, p. 65-80, CC, WOS.

MÁRTON, Emő - VASS, Dionýz - TÚNYI, Igor. Counterclockwise rotations of the neogene rocks in the East Slovak Basin. In *Geologica Carpathica*. ISSN 1335-0552. Vol. 51, 2000, no. 3, p. 159-168, CC, WOS, Scopus

Ohlasy:

55. [1] SEGHEDI, I.- DOWNES, H. - HARANGI, S. - MASON, P. R. D. - PÉCSKAY, Z. Geochemical response of magmas to Neogene-Quaternary continental collision in the Carpathian-Pannonian region: A review. In *Tectonophysics*, ISSN 0040-1951, 2005, Vol. 410, no. 1-4, p. 485-499, CC, WOS, Scopus
56. [1] GRABOWSKI, J. New Berriasian palaeopole from the Central West Carpathians (Tatra Mountains, southern Poland): Does it look Apulian? In *Geophysical Journal International*, ISSN 0956-540X, 2005, Vol. 161, no. 1, p. 65-80, WOS, CC, Scopus

AUBRECHT, Roman - TÚNYL, Igor. Original orientation of neptunian dykes in the Pieniny Klippen Belt (Western Carpathians): the first results. In *Contributions to Geophysics and Geodesy*. ISSN 1335-2806. Vol. 31, 2001, no. 3, p. 557-578, Scopus

Ohlasy:

57. [1] JUREWICZ, E. Geodynamic evolution of the Tatra Mts. and the Pieniny Klippen Belt (Western Carpathians): Problems and comments. In *Acta Geologica Polonica*, 2005, Vol. 55, no. 3, p. 295-338, Scopus, CC, WOS
58. [1] LEWANDOWSKI, M., KROBICKI, M., MATYJA, B.A., WIERZBOWSKI, A. Palaeogeographic evolution of the Pieniny Klippen Basin using stratigraphic and palaeomagnetic data from the Veliky Kamenets section (Carpathians, Ukraine). In *Palaeogeography, Palaeoclimatology, Palaeoecology*, ISSN , 2005, Vol. 216, no. 1-2, p. 53-72, CC, WOS, Scopus

VETCHFINSKI, Vladimír. S. - TÚNYL, Igor - VAJDA, Peter. Effect of stress on the magnetic memory of induced magnetic anisotropy of rocks its mathematical model. In *Studia geophysica et geodaetica*. ISSN 0039-3169. Vol. 48, no. 2, (2004), p. 363-390, CC, WOS, Scopus

Ohlasy:

59. [1] LAVROV, A. Fracture-induced physical phenomena and memory effects in rocks: A review. In *Strain*, ISSN 0039-2103, 2005, Vol. 41, no. 4, p. 135-149, CC, WOS, Scopus

VAJDA, Peter

Počet citácií: 2

VANÍČEK, Petr - SUN, W. - ONG, P. - MARTINEC, Z. - NAJAFI, M. - VAJDA, Peter - TerHORST, B. Downward continuation of Helmert's gravity.) In *Journal of Geodesy*. ISSN 0949-7714. Vol. 71, no. 1 (1996), p. 21-34. CC, WOS, Scopus

Ohlasy:

60. [1] HUANG, J. - VÉRONNEAU, M. Applications of downward-continuation in gravimetric geoid modeling: Case studies in Western Canada. In *Journal of Geodesy*, ISSN 0949-7714, 2005, Vol. 79, no. 1-3, p. 135-145, CC, WOS, Scopus

VAJDA, Peter - VANÍČEK, Petr. Truncated geoid and gravity inversion for one point-mass anomaly. In *Journal of Geodesy*. ISSN 0949-7714. Vol. 73, no. 1 (1999), p. 58-66, CC, WOS, Scopus

Ohlasy:

61. [1] SAFARI, A. – ARDALAN, A. A – GRAFAREND, E. W. A new ellipsoidal gravimetric, satellite altimetry and astronomic boundary value problem, a case study: The geoid of Iran In *Journal of Geodynamics*, ISSN 0264-3707, 2005, Vol. 39, no. 5 545-568, CC, WOS, Scopus

*****ZÁVODSKÁ, Eva**

Počet citácií: 1

ZÁVODSKÁ, Eva – BABUŠÍK, Ivan. Surace ozone in Bratislava.. In *Contributions, Geophysical Institute, Slovak Academy of Sciences*. Vol. 6 (1985), p. 31-40. Scopus

Ohlasy:

62. [1] OGUNJOBI, K. O. - KIM, Y. J. Ultraviolet (0.280-0.400 μ m) and broadband solar hourly radiation at Kwangju, South Korea: analysis of their correlation with aerosol optical depth and clearness index. In *Atmospheric Research*, ISSN 0169-8095, 2004, Vol. 71, no. 3, p.193-214, CC, WOS, Scopus

Štatistika			
		Doplnok za r. 2004	2005
[1]	Citácie v zahraničných publikáciách, registrované v citačných indexoch	8	54
Spolu		62	

Citácie podľa iných indexov a báz s uvedením prameňa

BIELIK, Miroslav

Počet citácií: 8

BIELIK, Miroslav. Two-dimensional filtration of gravitational anomalies. In *Contributions to Geophysics and Geodesy*. ISSN 1335-2806. Vol. 13, no. 1 (1982), s. 99-110, Scopus

Ohlasy:

1. [4] RICHTER, Peter - PAŠTEKA, Roman. Calculation of the numerical derivatives - Comparison of the software. In *Contributions to Geophysics and Geodesy*, ISSN 1335-2806, 2005, Vol. 35, no. 1, p. 19-32, Scopus

LANCKREIJER, Anco - BIELIK, Miroslav - CLOETINGH, Sierd - MAJCIN, Dušan Rheology predictions across the western Carpathians, Bohemian massif and the Pannonian basin: Implications for tectonic scenarios. In: *Tectonics*. Vol. 18, 1999, no. 6, pp. 1139-1153

Ohlasy:

2. [3] WINDHOFFER, G.- BADA, György. Formation and deformation of the Derecske Trough, Pannonian basin: Insights from analog modeling. In *Acta Geologica Hungarica*, ISSN , 2005, Vol. 48, no. 4, p. 351-369, Scopus

HÓK, Jozef - BIELIK, Miroslav - KOVÁČ, Peter - ŠUJAN, Martin. Neotektonický charakter územia Slovenska. In *Mineralia Slovaca*. ISSN 0369-2086. Vol. 32, no. 5 (2000), p. 459-470

Ohlasy:

3. [3] SÜEBELA, Stanka. Monitoring of active tectonic structures-Project cost 625. In *Acta Carsologica*, ISSN **0583-6050**, 2005, Vol. 34, Issue 2, p. 471-488, Scopus

GRAND, Tomáš - ŠEFARA, Ján - PAŠTEKA, Roman - BIELIK, Miroslav - DANIEL, Slavomír. Atlas geofyzikálnych máp a profilov. In *Závěrečná správa geologickej úlohy. Textová príloha D1, časť Gravimetria*. Číslo geologickej úlohy: 0801840301/180. - Bratislava : [s.n.], 2001. - 67 s. + 52 pril.

Ohlasy:

4. [4] VAJDA, Peter – PÁNISOVÁ, Jaroslava. Practical comparison of formulae for computing normal gravity at the observation point with emphasis on the territory of Slovakia. In *Contributions to Geophysics and Geodesy*, ISSN 1335-2806, 2005, Vol. 35, no. 2, p. 173-188, Scopus

BIELIK, Miroslav - ŠEFARA, Ján - KOVÁČ, Michal - BEZÁK, Vladimír - PLAŠIENKA, Dušan. The Western Carpathians–interaction of Hercynian and Alpine processes. In *Tectonophysics*. ISSN 0040-1951. Vol. 393, no. 1-4 special issue (2004), p. 63-86, CC, WOS, Scopus.

Ohlasy:

5. [4] RICHTER, Peter - PAŠTEKA, Roman. Calculation of the numerical derivatives - Comparison of the software. In *Contributions to Geophysics and Geodesy*, ISSN 1335-2806, 2005, Vol. 35, no. 1, p. 19-32, Scopus
6. [4] PAŠTEKA, Roman -. RICHTER, Peter. Improvement of the Euler deconvolution algorithm by means of the introduction of regularized derivatives. In *Contributions to Geophysics and Geodesy*, ISSN 1335-2806, 2005, Vol. 35, no. 1, p. 1-18, Scopus

ŠEFARA, Ján - BIELIK, Miroslav. Notes on lithosphere density modeling: Main and complementary data and techniques. In *Contributions to Geophysics and Geodesy*. ISSN 1335-2806. Vol. 34, no. 4 (2004) , p. 371-380, Scopus

Ohlasy:

7. [4] RICHTER, Peter - PAŠTEKA, Roman. Calculation of the numerical derivatives - Comparison of the software. In *Contributions to Geophysics and Geodesy*, ISSN 1335-2806, 2005, Vol. 35, no. 1, p. 19-32, Scopus
8. [4] PAŠTEKA, Roman - RICHTER, Peter- Improvement of the Euler deconvolution algorithm by means of the introduction of regularized derivatives. In *Contributions to Geophysics and Geodesy*, ISSN 1335-2806, 2005, Vol. 35, no. 1, p. 1-18, Scopus
-

BRIMICH, Ladislav

Počet citácií: 2

BRIMICH, Ladislav. Extensometric measurements at the Vyhne tidal station. In *Contributions of the Geophysical Institute of the Slovak Academy of Sciences*. ISSN Vol. 18, 1988, p. 58-61, Scopus

Ohlasy:

9. [3] MENTES, György. Results of tidal research. In *Acta Geophysica Hungarica*, ISSN , 2005, Vol. 40, no. 3-4 special issue, p. 295-306

MENTES, György - BRIMICH, Ladislav. Calibration of a quartz-tube extensometer at the Vyhne tidal station. In *Contributions - Slovak Academy of Sciences, Geophysical Institute*. Vol 26, 1996, pp. 85-92.

Ohlasy:

10. [4] DUDAŠOVÁ, Viera. Study of the slow deformation observed at the Vyhne tidal station. In *Contributions to Geophysics and Geodesy*, ISSN 1335-2806, 2005, Vol. 35, no.4, pp. 345-351, Scopus

DÉREROVÁ, Jana

Počet citací: 1

DÉREROVÁ, Jana - BIELIK, Miroslav. 2D integrated modeling combining surface heat flow data, gravity data and topography and its application on the Vrancea geotranssect. In *Contributions to Geophysics and Geodesy*. ISSN 135-2806. Vol. 33, no. 4 (2003), p. 333-342, Scopus

Ohlasy:

11. [4] PAŠTEKA, Roman - RICHTER, Peter. Improvement of the Euler deconvolution algorithm by means of the introduction of regularized derivatives. In *Contributions to Geophysics and Geodesy*, ISSN 1335-2806, 2005, Vol. 35, no. 1, p. 1-18, Scopus

HURTALOVÁ, Tat'jana

Počet citací: 3

HURTALOVÁ, Tat'jana. Aerodynamic resistance role in plants-atmosphere system. In *Contributions - Slovak Academy of Sciences, Geophysical Institute, Series of Meteorology*, 15, 1995. ISSN pp. 52-61, Scopus

Ohlasy:

12. [3] KNOZOVÁ, Gražyna – ROŽNOVSKÝ, Jaroslav. Srovnání způsobů výpočtu průměrných denních teplot a vlhkosti vzduchu. In *Meteorologické zprávy*. ISSN 0026-1173, 2005, Roč. 58, no. xxxx, s. 19-23, Scopus

HURTALOVÁ, Tat'jana – MATEJKA, František Surface characteristics and energy fluxes above different plant canopies. In: *Agricultural and Forest Meteorology*. - ISSN 0168-1923. - Vol. 98-99, no. 1-4 (1999), p. 491-500, Scopus

Ohlasy:

13. [3] HUNKÁR, Márta. On the use of standard meteorological data for microclimate simulation. In *Időjárás*, ISSN 0324-6329, 2005, Vol. 109, no. 1, p. 39-53, Scopus

HURTALOVÁ, Tat'jana - MATEJKA, František - CHALUPNÍKOVÁ, Blanka - ROŽNOVSKÝ, Jaroslav. Aerodynamic properties of air layer above maize canopy during windy conditions. In *Időjárás*. ISSN 0324-6329. Vol. 108, no. 1 (2004), p. 65-75.

Ohlasy:

14. [3] HUNKÁR, Márta. On the use of standard meteorological data for microclimate imulation. In *Időjárás*, ISSN 0324-6329, 2005, Vol. 109, no. 1, p. 39-53, Scopus

KOHÚT, Igor

Počet citácií: 2

KOSTECKÝ, Pavol - KOHÚT, Igor. Modelling of the cavity effect influence on tidal measurements by means of higher-order finite element calculation. *Acta Astronomica et Geophysica Universitatis Comenianae*. Vol. 27, 1995, 20–34.

Ohlasy:

15. [4] BRIMICH, Ladislav. Tidal deformations observed at the Vyhne tidal station. In *Contributions to Geophysics and Geodesy*, ISSN 1335-2806, 2005, Vol. 35, no. 4, p. 391-400, Scopus

KOSTECKÝ, Pavol – KOHÚT, Igor. The Estimation of the Cavity Effect by Higher Degree Finite Element Approximation. In *Studia geophysica et geodaetica*. ISSN 0039-3169. Vol. 42, no. 1 (1998), p. 61–80, CC, WOS, Scopus

Ohlasy:

16. [4] BRIMICH, Ladislav. Tidal deformations observed at the Vyhne tidal station. In *Contributions to Geophysics and Geodesy*, ISSN 1335-2806, 2005, Vol. 35, no. 4, p. 391-400, Scopus

KRISTEK, Jozef

Počet citácií: 1

MOCZO, Peter – KRISTEK, Jozef – VAVRYČUK, V. – ARCHULETA, Ralf J. – HALADA, Ladislav. 3D heterogeneous staggered-grid finite-difference modeling of seismic motion with volume harmonic and arithmetic averaging of elastic moduli and densities. In *Bulletin of the Seismological Society of America*. ISSN 0037-1106. Vol. 92, no. 8 (2002), p. 3042-3066, CC, WOS, Scopus

Ohlasy:

17. [3] SEMBLAT, J. F. - DANGLA, P. Modeling wave propagation and soil-structure interaction: Finite element and boundary element approaches = Modélisation de la propagation d'ondes et de l'interaction sol-structure: Approches par éléments finis et éléments de frontière. In *Bulletin des Laboratoires des Ponts et Chaussées*, 2005, ISSN 1269-1496, Vol. 256-257, pp. 163-178. Scopus

*****MAJCIN, Dušan**

Počet citácií: 1

Majcin, Dušan. Computation of the temperature distribution along the DSS profiles running through Slovakia. In *Contributions of the Slovak Academy of Sciences, Geophysical Institute*. ISSN. Vol. 18 (1988), p. 38-57, Scopus

Ohlasy:

18. [1] HVOŽDARA, Milan – VOŽÁR, Ján. Laboratory and geophysical implications for explanation of the nature of the Carpathian conductivity anomaly. In *Acta Geophysica Polonica*, ISSN 0001-5709, 2004, Vol. 52, no. 4, p. 497-508, Scopus

MATEJKA, František

Počet citácií: 2

MATEJKA, František. Vplyv meteorologických činiteľov na avapotranspiráciu. In *Meteorologický zprávy*. ISSN 0026-1173. Roč. 48, č. xxxxx. (1995), p. 87-90, Scopus

Ohlasy:

19. [3] KNOZOVÁ, Gražina - ROŽNOVSKÝ, Jaroslav. Srovnání způsobů výpočtu průměrných denních teplot a vlhkost vzduchu. In *Meteorologické zprávy*, ISSN 0026-1173, 2005, Roč. 58, č 3, s. 19-23, Scopus.

MATEJKA, František - HUZULÁK, Jozef. *Analýza mikroklimy porastu*. 1. vyd. Bratislava : Veda, 1987. 228 s.

Ohlasy:

20. [3] KNOZOVÁ, Gražina - ROŽNOVSKÝ, Jaroslav. Srovnání způsobů výpočtu průměrných denních teplot a vlhkost vzduchu. In *Meteorologické zprávy*, ISSN 0026-1173, 2005, Roč. 58, č xxxx, s. 19-23, Scopus.

POHÁNKA, Vladimír

Počet citácií: 4

POHÁNKA, Vladimír. Optimum expression for computation of the gravity field of a homogeneous polyhedral body. In *Geophysical Prospecting*. ISSN 0016-8025. Vol. 36, no. 7 (1988), p. 733-751, CC, WOS, Scopus

Ohlasy:

21. [4] CANGAHUALA, L. A. Augmentations to the polyhedral gravity model to facilitate small body navigation. In *Advances in the Astronautical Sciences*, ISSN 0065-3438, 2005, Vol. 120, no. I, p. 685-698. Scopus
22. [3] WU, W.L. - GUAN, Z. N. - GAO, Y. F.- GU, G. W. Interactiv man/computer moding 3D body of gravity and magnetic anomaly data. In *Wutan Huatan Jisuan Jishu*, ISSN, 2005, Vol. 27, no. 3, p. 4+227-232, Scopus
23. [4] GRAND, T. – PAŠTEKA, Roman – ŠEFARA, Ján. New version of terrain corrections in the Slovak regional gravity database. In *Contributions to Geophysics and Geodesy*, ISSN 1335-2806, 2004, Vol. 34, no. 4, p. 315-337, Scopus

POHÁNKA, Vladimír. Optimum expression for computation of the gravity field of a polyhedral body with linearly increasing density. In *Geophysical Prospecting*. ISSN 0016-8025. Vol. 46, no. 7 (1998), p. 391-404, CC, WOS, Scopus

Ohlasy:

24. [4] CANGAHUALA, L. A. Augmentations to the polyhedral gravity model to facilitate small body navigation. In *Advances in the Astronautical Sciences*, ISSN 0065-3438, 2005, Vol. 120, no. 1, p. 685-698. Scopus

VALACH, Fridrich

Počet citácií: 1

VALACH, Fridrich. Umelá neurónová sieť – príklad použitia. In *16. Celoštátny slnečný seminár : zborník referátov, 3.-7. júna 2002. Hurbanovo : Slovenská ústredná hviezdáreň Hurbanovo, 2002. S. 235-238. ISBN 80-85221-49-7*

Ohlasy:

25. [4] KREMLER, Martin. Forecast of mxiamal surface ozone concentrations for seleczed stations in Slovakia using neural networks. In *Meteorologický časopis*. ISSN , 2005, Vol. 8, no. xxxx, s. 21-24, Scopus

Štatistika			
		Doplnok za r. 2004	2005
[3]	Citácie zahraničných publikáciách, registrované. v iných medzinárodných citačných indexoch		10
[4]	Citácie v domácich publikáciách, registrované v iných medzinárodných citačných indexoch	1	13
Spolu		24	

Citácie v ostatných časopisoch

BIELIK, Miroslav

Počet citácií: 5

ŠEFARA, Ján - BIELIK, Miroslav - BODNÁR, J. - ČÍŽEK, P. - FILO, M. - GNOJEK, I. - GRECULA, P. - HALMEŠOVÁ, S. - HUSÁK, L. - JANOŠTÍK, B. - KRÁL, M. - KUBEŠ, P. - KUCHARIČ, L. - KURKIN, M. - LEŠKO, B. - MIKUŠKA, Ján - MUŠKA, P. - OBERNAUER, D. - POSPÍŠIL, L. - PUTIŠ, MARIÁN - ŠUTORA, A. - VELICH, R. In *Štruktúrno-tektonická mapa vnútorných Západných Karpát pre účely prognózovania ložísk - geofyzikálne interpretácie : textová monografia s prílohou atlasu máp. Bratislava ; Brno ; Liberec : SGÚ ; Geofyzika : Uranovýprůmysl, 1987. 267 s.*

Ohlasy:

1. [4] VASS, Dionýz – ELEČKO, Michal – JANOČKO, Juraj – KAROLI, Stanislav – PERESZLÉNYI, Miroslav – TÚNYI, Igor – ZLINSKÁ, Adriena – HALÁSOVÁ, Eva.

Východoslovenská panva vo svetle nových poznatkov. In *Mineralia Slovaca*, ISSN 0369-2086, 2005, Vol. 37, no. 3, p. 252-254

ŠEFARA, Ján - BIELIK, Miroslav - KONEČNÝ, Patrik - BEZÁK, Vladimír - HURAI, Vratislav : The latest stage of development of the lithosphere and its interaction with the asthenosphere (Western Carpathians). In *Geologica Carpathica*. ISSN 1335-0552. Vol. 47, no. 6 (1996), p. 339-347

Ohlasy:

2. [4] GRECULA, P. - Radvanec, M. Geotektonický model vývoja gemerika In *Mineralia Slovaca*, ISSN 0369-2086, 2005, Vol. 37, No. 2, 2005, s. 198

BEZÁK, Vladimír - ŠEFARA, Ján - BIELIK, Miroslav - KUBEŠ, Peter. Models of the Western Carpathian Lithosphere. In: *Geological Evolution of the Western Carpathians*. - Bratislava: Geocomplex, 1997. - S. 25-34. - ISBN 80-967018-7-8

Ohlasy:

3. [4] GRECULA, P. - RADVANEC, M. Geotektonický model vývoja gemerika In *Mineralia Slovaca*, ISSN 0369-2086, 2005, Vol. 37, No. 2, 2005, s. 198

HÓK, Jozef - BIELIK, Miroslav - KOVÁČ, Peter - ŠUJAN, Martin. Neotektonický charakter územia Slovenska. In *Mineralia Slovaca*. ISSN 0369-2086. Vol. 32, no. 5 (2000), p. 459-470

Ohlasy:

4. [4] KUČERA, M. Analýza tektonických štruktúr jaskýň v masíve Úplazu vo Vysokých tatrách a ich vplyv na vývoj jaskynných priestorov. In *Mineralia slovaca*, ISSN 0369-2086, 2005, Vol. 37, no. 3, p. 230-233

BIELIK, Miroslav - ŠEFARA, Ján - KOVÁČ, Michal - BEZÁK, Vladimír - PLAŠIENKA, Dušan. The Western Carpathians—interaction of Hercynian and Alpine processes. In *Tectonophysics*. ISSN 0040-1951. Vol. 393, no. special issue 1-4 (2004), p. 63-86, CC, WOS, Scopus

Ohlasy:

5. [3] GOLONKA, Jan - ALEKSANDROWSKI, P. - AUBRECHT, R. - CHOWANIEC, J. - CHRUSTEK, M. - CIESKOWSKI, M. - FLOREK, R. - GAWĘDA, A. - JAROSIŃSKI, M. - KĘPIŃSKA, B. - KROBICKI, M. - LEFELD, J. - LEWANDOWSKI, M. - MARKO, F. - MICHALIK, M. - OSZCZYPKO, N. - PICHA, F. - POTFAJ, Michal - SŁABY, E. - ŚLĄCZKA, A. - STEFANIUK, M. - UCHMAN, A. - ŻELAŻNIEWICZ, A. The Orava Deep Drilling Project and post-Palaeogene tectonics of the Northern Carpathians. In *Annales Societatis Geologorum Poloniae*, ISSN 0208-9068, 2005, Vol. 75, no.3, p. 211-248

MOCZO, Peter

Počet citácií: 3

MOCZO, Peter - BARD, Pierre Yves. Wave diffraction, amplification and differential motion near strong lateral discontinuities. In *Bulletin of the Seismological Society of America*. ISSN 0037-1106. Vol. 83, no. 1 (1993), p. 85-106, WOS, Scopus

Ohlasy:

6. [3] RAPTAKIS, Dimitrios - MAKRA, K. - ANASTASIADIS, A. - PITILAKIS, K. Complex Site Effects in Thessaloniki (Greece): I. Soil Structure and Comparison of Observations with 1D. In *Analysis. Bull. Earthq. Engng*, ISSN xxxx , 2004. Vol. 2, no. 3, 271-290. DOI: 10.1007/s10518-004-3799-6.

MOCZO, Peter - LABÁK, Peter - KRISTEK, Jozef - HRON, F. Amplification and differential motion due to an antiplane 2D resonance in the sediment valleys embedded in a layer over the half-space. In *Bulletin of the Seismological Society of America*. ISSN 0037-1106. Vol. 86, no. 5 (1996), p. 1434-1446, CC v ktorej databaze to bolo, WOS, Scopus

Ohlasy:

7. [3] RAPTAKIS, Dimitrios - MAKRA, K. - ANASTASIADIS, A. - PITILAKIS, K. Complex Site Effects in Thessaloniki (Greece): I. Soil Structure and Comparison of Observations with 1D. In *Analysis. Bull. Earthq. Engng*, ISSN xxxx , 2004. Vol. 2, no. 3, 271-290. DOI: 10.1007/s10518-004-3799-6.

BEAUVAL, C. - BARD, Pierre Yves - MOCZO, Peter - KRISTEK Jozef. Quantification of frequency-dependent lengthening of seismic ground-motion duration due to local geology: Applications to the Volvi area (Greece). In *Bulletin of the Seismological Society of America*. ISSN 0037-1106. Vol. 93, no. 1 (2003), p. 371-385, CC, WOS, Scopus

Ohlasy:

8. [3] RAPTAKIS, Dimitrios - MAKRA, K. - ANASTASIADIS, A. - PITILAKIS, K. Complex Site Effects in Thessaloniki (Greece): I. Soil Structure and Comparison of Observations with 1D. In *Analysis. Bull. Earthq. Engng*, ISSN xxxx , 2004. Vol. 2, no. 3, 271-290. DOI: 10.1007/s10518-004-3799-6.

ORLICKÝ, Oto

Počet citácií: 1

ORLICKÝ, Oto. Paleomagnetism of neovolcanics of the East-Slovak Lowlands and Zemplinské Vrchy Mts: A study of the tectonics applying the paleomagnetic data (Western Carpathians). In *Geologica Carpathica : Official Journal of Carpathian-Balkan Geological Association*. ISSN 1335-0552. Vol. 47, no. 1, (1996), p. 13-20.

Ohlasy:

9. [4] VASS, Dionýz – ELEČKO, Michal – JANOČKO, Juraj – KAROLI, Stanislav – PERESZLÉNYI, Miroslav – TÚNYI, Igor – ZLINSKÁ, Adriena – HALÁSOVÁ, Eva. Východoslovenská panva vo svetle nových poznatkov. In *Mineralia Slovaca*, ISSN 0369-2086, 2005, Vol. 37, no. 3, p. 252-254.

VOZÁR, Ján

Počet citácií: 1

VOZÁR, Ján - HVOŽDARA, Milan - KÖHLER, Eduard. Magnetotelluric investigation of Košice Basin for reservoirs of geothermal water. In *Mineralia Slovaca*. ISSN 0369-2086. Vol. 35, no. 2 (2003) , p. 125-130.

Ohlasy:

10. [4] VARGA, G. – DŽUPA, P. – FENDEK, M. – GRANT, T. Využívanie magnetotelurických meraní pri vyhľadávaní zdrojov geotermálnych vôd na Slovensku. In *Mineralia Slovaca*. ISSN 0369-2086. 2005, Vol. 37, no. 2, p. 107-110.

Štatistika			
		Doplnok za r. 2004	2005
[3]	Citácie zahraničných publikáciách, neregistrované v citačných indexoch	3	1
[4]	Citácie v domácich publikáciách, neregistrované v citačných indexoch		6
Spolu		10	

Citácie v monografiách, učebniciach a iných knižných publikáciách

BIELIK, Miroslav

Počet citácií: 1

GRAND, TOMÁŠ - ŠEFARA, Ján - BIELIK, Miroslav - PAŠTEKA, Roman.
Reinterpretation of gravimetric data in the Western Carpathians In *Krystalinikum*, 28.
Brno : Moravské zemské muzeum, 2002. S. 103-108

1. [3] GAJDOŠ, V. Geofyzikálne riziká a ich podiel pri hodnotení kvality života = Geophysical Hazards and its contribution to life quality valuation. Sborník vědeckých prací Vysoké školy báňské - Technické univerzity Ostrava. In *Řada stavební*. Roč. 5, č. 2. Ostrava : Vysoká škola báňská - Technická univerzita, 2005, S. 25-29

*****JANIČKOVIČOVÁ, Ľubica**

Počet citácií: 1

JANIČKOVIČOVÁ, Ľubica – BILČÍK, Dušan. Dlhodobé zmeny denných extrémov teploty vzduchu v Mlyňanoch. In *Bioklimatológia a zmeny klímy : I. Technická klimatológia*. Nitra : Bratislava, 1996. S. 38-43.

Ohlasy:

2. [3] OSTROŽLÍK, Marian. Rozptýlené žiarenie v Mlyňanoch. In ROŽNOVSKÝ, J. – LITSCHMANN, T. (Eds). *Bioklimatologie současnosti a budoucnosti : 15. československá bioklimatologická konference : sborník abstraktů s CD ROM*, 12. - 14. září 2005, Křtiny. [elektronický zdroj]. Brno – Křtiny : Česká bioklimatologická společnost, 2005. [5] S. ISBN 80-86690-31-08. Elektronický zborník na CD ROM

JANKOVIČOVÁ, Dana

Počet citácií: 3

JANKOVIČOVÁ, Dana - DOLINSKÝ, Peter - VALACH, Fridrich - VÖRÖS, Zoltán. Neural network based nonlinear prediction of magnetic storms. In *Journal of Atmospheric and Solar-Terrestrial Physics*. ISSN . Vol. 64, 2002, no. 5-6, pp. 651-656, CC, WOS, Scopus

Ohlasy:

3. [4] DOROTOVIĆ, I. Kozmické počasie – zdroje v jeho zmenách a monitorovacie služby. In *Zborník referátov zo 17. celoštátneho slnečného seminára*, ISBN 80-85221-49-7, (2005), p. 163-173

VÖRÖS, Zoltán - JANKOVIČOVÁ, Daniela. Neural network prediction of geomagnetic activity: a method using local Hölder exponents. In *Nonlinear Processes in Geophysics*. ISSN 1023-5809. Vol. 9, no. 2 (2002), p. 425-433.

Ohlasy:

4. [4] DOROTOVIĆ, I. Kozmické počasie – zdroje v jeho zmenách a monitorovacie služby. In *Zborník referátov zo 17. celoštátneho slnečného seminára*, ISBN 80-85221-49-7, (2005), p.163-173.

VÖRÖS, Zoltán - JANKOVIČOVÁ Dana – KOVÁCS, Péter. Scaling and singularity characteristics of solar wind and magnetospheric fluctuations. In *Nonlinear Processes in Geophysics*. ISSN Vol. 9, no. 2 (2002), p. 149-162, CC, WOS, Scopus

Ohlasy:

5. [4] DOROTOVIĆ, I. Kozmické počasie – zdroje v jeho zmenách a monitorovacie služby. In *Zborník referátov zo 17. celoštátneho slnečného seminára*, ISBN 80-85221-49-7, (2005), p.163-173.
-

KRISTEK, Jozef

Počet citácií: 2

KRISTEK, Jozef - MOCZO, Peter - ARCHULETA, Ralph J. Efficient methods to simulate planar free surface in the 3D 4th-order staggered-grid finite-difference schemes. In *Studia geophysica et geodaetica*. ISSN 0039-3169. Vol. 46, 2002, no. 2, pp. 355-381

Ohlasy:

6. [3] ROTEN, D. - CORNOU, Cecile - STEIMEN, S. - FÄH, D. - GIARDINI, D. 2D resonances in Alpine valleys identified from ambient vibration wavefields. *Paper No. 845. In: Proc. of the 13th World Conf. on Earthq. Engineering*, Vancouver, B.C., Canada, August 1-6, 2004. Elektronický zborník na CD ROM

KRISTEK, Jozef - MOCZO, Peter. Seismic-wave propagation in viscoelastic media with material discontinuities: A 3D fourth-order staggered-grid finite-difference modeling. In *Bulletin of the Seismological Society of America*. ISSN 0037-1106. Vol. 93, no. 5, (2003), p. 2273-2280, CC, WOS, Scopus

Ohlasy:

7. [3] SAENGER, E. H. - KEEHM, Y. - KRÜGER, O. S. - SHAPIRO, S.A. Fluid effects on wave propagation: A viscoelastic modeling approach 67th European Association of Geoscientists and Engineers. In *EAGE Conference and Exhibition, incorporating SPE EUROPE2005 - Extended Abstracts*, (2005), p. 2631-2634.

MATEJKA, František

Počet citácií: 4

MATEJKA, František - HUZULÁK, Jozef. *Analýza mikroklimy porastu*. 1. vyd. Bratislava : Veda, 1987. 228 s.

Ohlasy:

8. [3] ŠIŠKA, Bernard – ŠPÁNIK, František – IGAZ, Dušan. Vývoj evapotranspirácie počas veľkého vegetačného obdobia vo výškovom profile Slovenska z pohľadu možného vývoja klímy = Dependence of evapotranspiration during long vegetative period on altitude profile of Slovakia from the point of view of possible climate impacts. In ROŽNOVSKÝ, J. – LITSCHMANN, T. (Eds). *Evaporace a evapotranspirace : sborník z mezinárodního vědeckého semináře, Brno 23. 3. 2005*. [elektronický zdroj]. Brno : Česká bioklimatologická společnost, 2005. S. 81-85. ISBN 80-86690-24-5. Elektronický zborník na CD ROM
9. [3] ŠIŠKA, Bernard – ŠPÁNIK, František – IGAZ, Dušan. Zmeny evapotranspirácie vo výškovom profile Slovenska z pohľadu možného vývoja klímy = Changes of evapotranspiration in altitude profile of Slovakia from the point of view of possible climate development. In ROŽNOVSKÝ, J. – LITSCHMANN, T. (Eds). *Bioklimatologie současnosti a budoucnosti : 15. československá bioklimatologická konference : sborník abstraktů s CD ROM, 12. - 14. září 2005, Křtiny*. [elektronický zdroj]. Brno – Křtiny : Česká bioklimatologická společnost, 2005. [xxx] S. ISBN 80-86690-31-08. Elektronický zborník na CD ROM.

MATEJKA, František - HURTALOVÁ, Taťjana - ROŽNOVSKÝ, Jaroslav - JANOÚŠ, Dalibor. Vplyv mladého smrekového porastu na príslušnú vrstvu vzduchu. Bratislava : Geofyzikálny ústav SAV, 2000. 92 s. ISBN 80-85754-09-6

Ohlasy:

10. [3] MERKLOVÁ, Lucie – BEDNÁŘOVÁ, Emilie. Vplyv mikroklimatu stanoviště na nástup a průběh jarních fenologických fází u smrku ztepilého a buku lesního. In ROŽNOVSKÝ, J. – LITSCHMANN, T. (Eds). *Bioklimatologie současnosti a budoucnosti : 15. československá bioklimatologická konference : sborník abstraktů s CD ROM, 12. - 14. září 2005, Křtiny*. [elektronický zdroj]. Brno – Křtiny : Česká bioklimatologická společnost, 2005. [xxx] S. ISBN 80-86690-31-08. Elektronický zborník na CD ROM.

MATEJKA, František - ROŽNOVSKÝ, Jaroslav – KOHUT, Mojmír –HURTALOVÁ, Taťjana. Evapotranspirácia porastu kukurice pri vysokých evaporačných požiadavkách ovzdušia. In ŠIŠKA, B. et al (Eds) *Zmeny podnebia – extrémny počasie – organizmy a ekosystémy = Climate change – weather extremes – organism and ecosystems : international bioclimatological workshop 2004 : zborník príspevkov z bioklimatologických pracovných dní 2004. Viničky, 23.-26. 8. 2004.* Slovenská poľnohospodárska univerzita : Nitra, 2004. ISBN 80-8069-402-8. [8] S. Elektronický zborník na CD ROM

Ohlasy:

11. [3] MOŽNÝ, Martin. Problematika měření evapotranspirace v ČHMÚ. In ROŽNOVSKÝ, J. – LITSCHMANN, T. (Eds). *Evaporace a evapotranspirace : sborník z mezinárodního vědeckého semináře, Brno 23. 3. 2005.* [elektronický zdroj]. Brno : Česká bioklimatologická společnost, 2005. S. 7-10. ISBN 80-86690-24-5. Elektronický zborník na CD ROM.

MOCZO, Peter

Počet citácií: 4

MOCZO, Peter - BYSTRICKÝ, Erik - KRISTEK, Jozef - CARCIONE, J. M. - BOUCHON, M. Hybrid modeling of P-SV seismic motion at inhomogeneous viscoelastic topographic structures. *Bulletin of the Seismological Society of America*. ISSN 0037-1106. Vo. 87, no. 5 (1997), p. 1305-1323, CC, WOS, Scopus

Ohlasy:

12. [3] KOMATITSCH, D.- TSUBOI, S. - TROMP, J. The spectral-element method in seismology. In: *Seismic Earth: Array Analysis of Broadband Seismograms, Geophysical Monograph Series 157.* Amer. Geophys. Union, 2005. ISBN 978-0-87590-422-1, pp. 205-227.

MOCZO, Peter - LUCKÁ, Mária - KRISTEK, Jozef - KRISTEKOVÁ, Miriam. 3D displacement finite differences and a combined memory optimization. In *Bulletin of the Seismological Society of America*. ISSN 0037-1106. Vol. 89, no. 1 (1999), p. 69-79, CC, WOS, Scopus

Ohlasy:

13. [3] CHUAN, He – GUAN, Qin – WEI, Zhao. High-order Finite Difference Modeling on Reconfigurable Computing Platform, In *SEG 2005 International Exposition and 75th Annual Meeting, November 2005.*

MOCZO, Peter - KRISTEK, Jozef - BYSTRICKÝ, Erik. Efficiency and optimization of the 3-D finite-difference modeling of seismic ground motion. In *Journal of Computational Acoustics*. ISSN 0218-396X Vol. 9, 2001, no. 2, pp. 593-609, CC, WOS, Scopus

Ohlasy:

14. [3] ROTEN, D. - CORNOU, Cecile - STEIMEN, S. - FÄH, D. - GIARDINI, D. 2D resonances in Alpine valleys identified from ambient vibration wavefields. *Paper No.*

845. In: *Proc. of the 13th World Conf. on Earthq. Engineering*, Vancouver, B.C., Canada, August 1-6, 2004. Elektronický zborník na CD ROM

15. [3] SAENGER, E. H. - KEEHM, Y. - KRÜGER, O. S. - SHAPIRO, S.A. Fluid effects on wave propagation: A viscoelastic modeling approach. 67th European Association of Geoscientists and Engineers. In *EAGE Conference and Exhibition, incorporating SPE EUROPE2005 - Extended Abstracts*, (2005), p. 2631-2634.

OSTROŽLÍK, Marian

Počet citácií: 5

OSTROŽLÍK, Marian - ZUZULA, Ivan. Sezónne zmeny teploty vzduchu v Hurbanove a jej extrémny. In: Extrémy prostredia (počasie) limitujúce faktory bioklimatologických procesov : Bioklimatologické pracovné dni 2001, Račková dolina, 10.-12. septembra 2001. Nitra : Slovenská bioklimatologická spoločnosť, 2001. [7 s.]. Elektronický zborník na CD ROM

Ohlasy:

16. [3] MELO, Marian. Klimatická charakteristika teplejších a chladnejších letných období 1961-2003 v Hurbanove podľa kanadského prepojeného modelu GCM. In ROŽNOVSKÝ, J. – LITSCHMANN, T. (Eds). *Bioklimatologie současnosti a budoucnosti : 15. československá bioklimatologická konference : sborník abstraktů s CD ROM, 12. - 14. září 2005, Křtiny*. [elektronický zdroj]. Brno – Křtiny : Česká bioklimatologická společnost, 2005. [xxxx] S. ISBN 80-86690-31-08. Elektronický zborník na CD ROM

OSTROŽLÍK, Marian. Sezónne zmeny globálneho žiarenia v Mlyňanoch : Seasonal changes of the global solar radiation at Mlyňany. In ŠÍŠKA, Bernard et al. *Funkcia energetickej a vodnej bilancie v bioklimatických systémoch : bioklimatologické pracovné dni*. Nitra : SPU v Nitre, 2003. ISBN 80-8069-244-0. [6] S. Elektronický zborník na CD-ROM.

Ohlasy:

17. [3] HRVOL, Ján. Predpokladané dlhodobé zmeny globálneho žiarenia do roku 2100 na vybraných staniciach Slovenska. In ROŽNOVSKÝ, J. – LITSCHMANN, T. (Eds). *Bioklimatologie současnosti a budoucnosti : 15. československá bioklimatologická konference : sborník abstraktů s CD ROM, 12. - 14. září 2005, Křtiny*. [elektronický zdroj]. Brno – Křtiny : Česká bioklimatologická společnost, 2005. [9] S. ISBN 80-86690-31-08. Elektronický zborník na CD ROM
18. [4] HRVOL, Ján – MELO, Marian. Očakávané zmeny globálneho žiarenia roku 2100 podľa modelu CCCM z vybraných gridových bodov. In ČELKOVÁ, Anežka – MATEJKA, František (Eds). *Transport vody, chemikálií a energie v systéme pôda-rastlina-atmosféra : 13. posterový deň s medzinárodnou účasťou a deň otvorených dverí v ÚH SAV, 10. 11. 2005*. [elektronický zdroj]. Bratislava : Ústav hydrológie SAV; Geofyzikálny ústav SAV, 10. 11. 2005. ISBN 80-85754-13-4. S. 227-236. Elektronický zborník na CD-ROM

OSTROŽLÍK, Marian. Výsledky meteorologických pozorovaní na observatóriách Geofyzikálneho ústavu SAV v roku 2002. Geofyzikálny ústav SAV : Bratislava , 2003. 33 s.

Ohlasy:

19. [3] BIČÁROVÁ, Svetlana. Prízemný ozón v podmienkach extrémne teplého počasia. In ROŽNOVSKÝ, J. – LITSCHMANN, T. (Eds). *Bioklimatologie současnosti a budoucnosti : 15. československá bioklimatologická konference : sborník abstraktů s CD ROM, 12. - 14. září 2005, Křtiny*. [elektronický zdroj]. Brno – Křtiny : Česká bioklimatologická společnost, 2005. [7] S. ISBN 80-86690-31-08. Elektronický zborník na CD ROM

OSTROŽLÍK, Marian. Výsledky meteorologických pozorovaní na observatóriách Geofyzikálneho ústavu SAV v roku 2003. Geofyzikálny ústav SAV : Bratislava , 2004. 33 s.

Ohlasy:

20. [4] BIČÁROVÁ, Svetlana. Prízemný ozón v rôznom environmentálnom prostredí. In ČELKOVÁ, Anežka – MATEJKA, František (Eds). *Transport vody, chemikálií a energie v systéme pôda-rastlina-atmosféra : 13. posterový deň s medzinárodnou účasťou a deň otvorených dverí v ÚH SAV, 10. 11. 2005*. [elektronický zdroj]. Bratislava : Ústav hydrológie SAV ; Geofyzikálny ústav SAV, 10. 11. 2005. ISBN 80-85754-13-4. [7] S. Elektronický zborník na CD-ROM

PRIGANCOVÁ, Alina

Počet citácií: 5

PRIGANCOVÁ, Alina. On magnetospheric response during stormy periods. In *Advances in Space Research*. ISSN 02 73-1177. Vol. 18, no. 8 (1996), p. 237-240, CC, WOS, Scopus

Ohlasy:

21. [4] DOROTOVIĆ, I. Kozmické počasie – zdroje v jeho zmenách a monitorovacie služby. In *17. Celoštátneho slnečného seminára : zborník, SÚH, Hurbanovo, 2004*. Hurbanovo : Slovenská ústredná hviezdáreň, 2005. ISBN 80-85221-49-7, S. 163-173

FELDSTEIN, Yakov I. - TSURUTANI, Bruce T. - PRIGANCOVÁ, Alina - GONZALES, W. - LEVITIN, Anatoly E. - KOZYRA, Janet U. - ALPEROVICH, L. - MALL, U. - GROMOVA, Ludmila I. - DREMUKHIMA, L. The magnetospheric response to a two-stream solar wind interval during solar maximum: a self consistent magnetospheric model. In WILSON, A. (Ed.) *Proceedings "Solarvariability as an input do the Earth's environment", International Solar Cycle Studies (ISCS) Symposium, ESA, 2003. P. 553-557. ISBN 92-9092-845-X. (R).*

Ohlasy:

22. [4] DOROTOVIĆ, I. Kozmické počasie – zdroje v jeho zmenách a monitorovacie služby. In *17. Celoštátneho slnečného seminára : zborník, SÚH, Hurbanovo, 2004*. Hurbanovo : Slovenská ústredná hviezdáreň, 2005. ISBN 80-85221-49-7, S. 163-173

PRIGANCOVÁ, Alina. Výskum fyziky vzťahov Slnko-Zem: výsledky a perspektívy na prahu nového tisícročia. In *15. celoštátny slnečný seminár : zborník referátov, 13.-23. júna, 2000*. Hurbanovo : Slovenská ústredná hvezdáreň Hurbanovo, 2000. ISBN 80-85221-37-3. P. 183-191.

Ohlasy:

23. [4] DOROTOVIĆ, I. Kozmické počasie – zdroje v jeho zmenách a monitorovanie služby. In *17. Celoštátneho slnečného seminára : zborník, SÚH, Hurbanovo, 2004*. Hurbanovo : Slovenská ústredná hvezdáreň, 2005. ISBN 80-85221-49-7, S. 163-173

PRIGANCOVÁ, Alina - FELDSTEIN, Yakov I. Zákonitosti generovania magnetickej búrky. In *16. Celoštátny slnečný seminár : zborník referátov, 3.-7. júna 2002*. Hurbanovo : Slovenská ústredná hvezdáreň Hurbanovo, 2002. ISBN 80-85221-42-X, S. 196-200

Ohlasy:

24. [4] DOROTOVIĆ, I. Kozmické počasie – zdroje v jeho zmenách a monitorovanie služby. In *17. Celoštátneho slnečného seminára : zborník, SÚH, Hurbanovo, 2004*. Hurbanovo : Slovenská ústredná hvezdáreň, 2005. ISBN 80-85221-49-7, S. 163-173

PRIGANCOVÁ, Alina - FELDSTEIN, Yakov I. Prúdové systémy počas globálnej poruchy magnetosféry. In *17. Celoštátneho slnečného seminára : zborník, SÚH, Hurbanovo, 2004*. Hurbanovo : Slovenská ústredná hvezdáreň, 2005. ISBN 80-85221-49-7, P. 175-178.

Ohlasy:

25. [4] DOROTOVIĆ, I. Kozmické počasie – zdroje v jeho zmenách a monitorovanie služby. In *17. Celoštátneho slnečného seminára : zborník, SÚH, Hurbanovo, 2004*. Hurbanovo : Slovenská ústredná hvezdáreň, 2005. ISBN 80-85221-49-7, S. 163-173

*****SMOLEN, František**

Počet citácií: 1

SMOLEN, František. Rozptýlené žiarenie a jeho podiel na globálnom žiarení v Bratislave. In *Geografický časopis*. ISSN 1335-1257. Vol. 32, 1995, p. 300-311.

Ohlasy:

26. [3] OSTROŽLÍK, Marian. Rozptýlené žiarenie v Mlyňanoch. In ROŽNOVSKÝ, J. – LITSCHMANN, T. (Eds). *Bioklimatologie současnosti a budoucnosti : 15. československá bioklimatologická konference : sborník abstraktů s CD ROM, 12. - 14. září 2005, Křtiny*. [elektronický zdroj]. Brno – Křtiny : Česká bioklimatologická společnost, 2005. [5] S. ISBN 80-86690-31-08. Elektronický zborník na CD ROM

VALACH, Fridrich

Počet citácií: 1

VALACH, Fridrich. Umelá neuronová sieť – príklad použitia. In *16. Celoštátny slnečný seminár : zborník referátov, 3.-7. júna 2002*. Hurbanovo : Slovenská ústredná hvezdáreň Hurbanovo, 2002. S. 235-238. ISBN 80-85221-42-X

Ohlasy:

27. [3] KREMLER, Martin. Linerna transformácia vstupných údajov pri predpovedaní maximálnych koncentrácií prízemného ozónu pomocou neurónových sietí. In ROŽNOVSKÝ, J. – LITSCHMANN, T. (Eds). *Bioklimatologie současnosti a budoucnosti : 15. československá bioklimatologická konference : sborník abstraktů s CD ROM, 12. - 14. září 2005, Křtiny*. [elektronický zdroj]. Brno – Křtiny : Česká bioklimatologická společnost, 2005. [5] S. ISBN 80-86690-31-08. Elektronický zborník na CD ROM

Štatistika			
		Doplnok za r. 2004	2005
3	Citácie v zahraničných monografiách, učebniciach a iných knižných publikáciách neregistrované v citačných indexoch	1	16
4	Citácie v domáciach monografiách, učebniciach a iných knižných publikáciách neregistrované v citačných indexoch		10
Spolu		27	

Poznámka:

*** – autor citovanej práce je t. č. na dôchodku, alebo pracuje v inej organizácii. Citovaná práca bola publikovaná v čase, keď uvedení autori pracovali v GFÚ SAV.