

## Ohlasy / Citations, reviews

**Department: SAVGEOF - Geofyzikálny ústav SAV**  
**Date of citation, review: 2011~2014**

### Citations, reviews

Citations in Web of Science Core Collection (1.1, 2.1)	934
Citations in SCOPUS (1.2, 2.2)	177
Citations in other citation indexes and databases (not listed above) (3.2, 4.2, 9, 10)	35
Other citations (not listed above) (3, 4, 3.1, 4.1)	52
Reviews (5, 6)	0
<b>Count</b>	<b>1198</b>

### AAA Scientific monographs published abroad

AAA01 FIKKE, Svein M. - RONSTEN, Goran - HEIMO, Alain - KUNZ, Stefan - OSTROŽLÍK, Marian - PERSSON, Per-Erik - SABATA, Jaroslav - WAREING, Brian - WICHURA, Bodo - CHUM, Jaroslav - LAAKSO, Timo - SÄNTTI, Kristina - MAKKONEN, Lasse. *Atmospheric icing on structures measurements and data collection on icing: state o the Art : COST 727 : Veröffentlichung MeteoSchweiz*. Nr. 75. Zürich : Bundesamt für Meteorologie und Klimatologie, MeteoSchweiz, 2007. 112 p. ISSN 1488-1381.

#### Ohlasy:

[1.1] BEGIN-DROLET, Andre - RUEL, Jean - LEMAY, Jean - GIROUX, Gerald. Commissioning of a new ice-free anemometer: 2011 Field tests at WEICan. In MEASUREMENT. ISSN 0263-2241, 2012, vol. 45, no. 8, p. 2029-2040., WOS

[1.1] BELLOLI, M. - ROSA, L. - ZASSO, A. Wind loads and vortex shedding analysis on the effects of the porosity on a high slender tower. In JOURNAL OF WIND ENGINEERING AND INDUSTRIAL AERODYNAMICS. ISSN 0167-6105, 2014, vol. 126, p. 75-86., WOS

[1.1] ETEMADDAR, M. - HANSEN, M. O. L. - MOAN, T. Wind turbine aerodynamic response under atmospheric icing conditions. In WIND ENERGY. ISSN 1095-4244, 2014, vol. 17, no. 2, p. 241-265., WOS

[1.1] KHEDIR, Khedir R. - KANNARPADY, Ganesh K. - ISHIHARA, Hidetaka - WOO, Justin - ASAR, Madhu P. - RYERSON, Charles - BIRIS, Alexandru S. Temperature-dependent bouncing of super-cooled water on teflon-coated superhydrophobic tungsten nanorods. In APPLIED SURFACE SCIENCE. ISSN 0169-4332, 2013, vol. 279, p. 76-84., WOS

[1.1] LAMRAOUI, Faycal - FORTIN, Guy - BENOIT, Robert - PERRON, Jean - MASSON, Christian. Atmospheric icing impact on wind turbine production. In COLD REGIONS SCIENCE AND TECHNOLOGY. ISSN 0165-232X, 2014, vol. 100, p. 36-49., WOS

- [1.1] MAKKONEN, Lasse - LEHTONEN, Pertti - HIRVINIEMI, Mika. Determining ice loads for tower structure design. In ENGINEERING STRUCTURES. ISSN 0141-0296, 2014, vol. 74, p. 229-232., WOS
- [1.1] RASHID, Taimur - MUGHAL, Umair N. - VIRK, Muhammad S. Atmospheric Icing Sensors for UAV's. In 2013 IEEE 4TH INTERNATIONAL CONFERENCE ON COGNITIVE INFOCOMMUNICATIONS (COGINFOCOM). ISSN 2375-1312, 2013, p. 725-728., WOS
- [1.1] TOMASZEWSKI, Michal. Measurement of wet snow loads on overhead power line conductors. In PRZEGLAD ELEKTROTECHNICZNY. ISSN 0033-2097, 2012, vol. 88, no. 10B, p. 21-23., WOS
- [1.1] ZHANG, Min - XING, Yimeng - ZHANG, Zhiguo - CHEN, Qiguan. Design and Experiment of FBG-Based Icing Monitoring on Overhead Transmission Lines with an Improvement Trial for Windy Weather. In SENSORS. ISSN 1424-8220, 2014, vol. 14, no. 12, p. 23954-23969., WOS

AAA02 KUBÁČKOVÁ, Ludmila. *Foundations of experimental data analysis.*

Boca-Raton-Ann Arbor-London-Tokyo : CRC Press, 1992. 204 p.

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- [1.1] TUCEK, Pavel - TUCKOVA, Michaela - MAREK, Lukas - PASZTO, Vit. COMPARISON OF REGRESSION MODELS WITH CONSTRAINTS IN GEODETICAL MEASUREMENT. In GEOCONFERENCE ON INFORMATICS, GEOINFORMATICS AND REMOTE SENSING CONFERENCE PROCEEDINGS, VOL I. ISSN 1314-2704, 2013, p. 343-354., WOS

AAA03 MOCZO, Peter - KRISTEK, Jozef - GÁLIS, Martin. *The finite-difference modelling of earthquake motions: waves and ruptures.* Cambridge : Cambridge University Press, 2014. 365 p. ISBN 978-1-107-02881-4.

Ohlasy:

- [1.1] VAN DRIEL, Martin - NISSEN-MEYER, Tarje. Optimized viscoelastic wave propagation for weakly dissipative media. In GEOPHYSICAL JOURNAL INTERNATIONAL. ISSN 0956-540X, 2014, vol. 199, no. 2, p. 1078-1093., WOS

#### AAB Scientific monographs published in Slovak publishing houses

AAB01 AUBRECHT, Roman - BARRIO-AMORÓS, César Luis - BREURE, Abraham - BREWER-CARÍAS, Charles - DERKA, Tomáš - FUENTES-RAMOS, Oswaldo A. - GREGOR, Miloš - KODADA, Ján - KOVÁČIK, Ľubomír - LÁNCZOS, Tomáš - LEE, Natuschka M. - LIŠČÁK, Pavel - SCHLÖGL, Ján - ŠMÍDA, Branislav - VLČEK, Lukáš. *Venezuelan Tepuis - their caves and biota.* Acta Geologica Slovaca AGEOS - Monograph. Bratislava : Comenius University, 2012. p. 168. ISBN 978-80-223-3349-8.

Ohlasy:

- [1.1] DAZA BRUNET, Raquel - BUSTILLO REVUELTA, María Angeles. Exceptional silica speleothems in a volcanic cave: A unique example of silicification and sub-aquatic opaline stromatolite formation (Terceira, Azores). In SEDIMENTOLOGY. ISSN 0037-0746, 2014, vol. 61, no. 7, p. 2113-2135., WOS

- [1.1] DAZA, R. - BUSTILLO, M. A. - RECIO, C. - CARVALHO, M. R. -

NUNES, J. C. Isotopic composition (delta O-18 y delta D) of silica speleothems of the Algar do Carvao and Branca Opala volcanic caves (Terceira Island, Azores, Portugal). In ESTUDIOS GEOLOGICOS-MADRID. ISSN 0367-0449, 2014, vol. 70, no. 2., WOS

[1.1] JUNGFER, Karl-Heinz - FAIVOVICH, Julian - PADIAL, Jose M. - CASTROVIEJO-FISHER, Santiago - LYRA, Mariana M. - BERNECK, Bianca V. M. - IGLESIAS, Patricia P. - KOK, Philippe J. R. - MACCULLOCH, Ross D. - RODRIGUES, Miguel T. - VERDADE, Vanessa K. - TORRES GASTELLO, Claudia P. - CARLOS CHAPARRO, Juan - VALDUJO, Paula H. - REICHLE, Steffen - MORAVEC, Jiri - GVOZDIK, Vaclav - GAGLIARDI-URRUTIA, Giussepe - ERNST, Raffael - DE LA RIVA, Ignacio - MEANS, Donald Bruce - LIMA, Albertina P. - CELSA SENARIS, J. - WHEELER, Ward C. - HADDAD, Celio F. B. Systematics of spiny-backed treefrogs (Hylidae: *Osteocephalus*): an Amazonian puzzle. In ZOOLOGICA SCRIPTA. ISSN 0300-3256, 2013, vol. 42, no. 4, p. 351-380., WOS

[1.1] LASSOVA, Kristina - CIAMPOR, Fedor - CIAMPOROVA-ZATOVICHOVA, Zuzana. Two new Larainae species from Guayana region, Venezuela (Coleoptera: Elmidae). In ZOOTAXA. ISSN 1175-5326, 2014, vol. 3753, no. 2, p. 187-195., WOS

[1.1] MECCHIA, Marco - SAURO, Francesco - PICCINI, Leonardo - DE WAELE, Jo - SANNA, Laura - TISATO, Nicola - LIRA, Jesus - VERGARA, Freddy. Geochemistry of surface and subsurface waters in quartz-sandstones: significance for the geomorphic evolution of tepui table mountains (Gran Sabana, Venezuela). In JOURNAL OF HYDROLOGY. ISSN 0022-1694, 2014, vol. 511, p. 117-138., WOS

[1.1] SAURO, Francesco - De WAELE, Jo - ONACnac, Bogdan P. - GALLI, Ermanno - DUBLYANSKY, Yuri - BALDONI, Eleonora - SANNA, Laura. Hypogenic speleogenesis in quartzite: The case of Corona e Sa Craba Cave (SW Sardinia, Italy). In GEOMORPHOLOGY. ISSN 0169-555X, 2013, vol. 211, p. 77-88., WOS

[1.1] SAURO, Francesco - TISATO, Nicola - DE WAELE, Jo - BERNASCONI, Stefano M. - BONTOGNALI, Tomaso R. R. - GALLI, Ermanno. Source and genesis of sulphate and phosphate-sulphate minerals in a quartz-sandstone cave environment. In SEDIMENTOLOGY. ISSN 0037-0746, 2014, vol. 61, no. 5, p. 1433-1451., WOS

[1.1] SAURO, Francesco. Structural and lithological guidance on speleogenesis in quartz-sandstone: Evidence of the arenisation process. In GEOMORPHOLOGY. ISSN 0169-555X, 2014, vol. 226, p. 106-123., WOS

[1.1] ZAMORA-MUNOZ, Carmen - DERKA, Tomas - CRESSA, Claudia. Notalina roraima Holzenthal 1986 (Trichoptera: Leptoceridae), male genitalia variability and larval description. In ZOOTAXA. ISSN 1175-5326, 2013, vol. 3702, no. 5, p. 450-458., WOS

[1.2] COSTA, Mauro - VILORIA, Angel L. - HUBER, Otto - ATTAL, Stephane - ORELLANA, Andrés. Lepidoptera of pantepui. Part I: Endemism and biogeographic characterization [Lepidoptera del pantepui. Parte I: Endemismo y caracterización biogeográfica]. In Entomotropica. ISSN 1317-5262, 2013, vol. 28, no. 3, p. 193-217., SCOPUS

[3] BRUTHANS, Jiří - SOUKUP, Jan - VACULÍKOVÁ, Jana - FILIPPI, Michal - SCHWEIGSTILLOVA, Jana - MAYO, Alana - MASIN, David - KLETSCHKA, Gunther - RIHOSEK, Jaroslav. Sandstone landforms shaped by

negative feedback between stress and erosion. In *Nature Geoscience*.  
Supplementary Information. ISSN 1752-0894, 2014, vol. 7, p. 1-39.

AAB02        BEZÁK, Vladimír - BIELY, Anton - BROSKA, Igor - BÓNA, Ján - BUČEK, Stanislav - ELEČKO, Michal - FILO, Ivan - FORDINÁL, Klement - GAZDAČKO, Ľubomír - GRECULA, Pavol - HRAŠKO, Ľubomír - IVANIČKA, Ján - JACKO, Stanislav, ml. - JACKO, Stanislav, st. - JANOČKO, Juraj - KALINČIAK, Michal - KOBULSKÝ, Ján - KOHÚT, Milan - KONEČNÝ, Vlastimil - KOVÁČIK, Martin - KOVÁČIK, Martin - LEXA, Jaroslav - MADARÁS, Ján - MAGLAY, Juraj - MELLO, Ján - NAGY, Alexander - NÉMETH, Zoltán - OLŠAVSKÝ, Mário - PLAŠIENKA, Dušan - POLÁK, Milan - POTFAJ, Michal - PRISTAŠ, Ján - SIMAN, Pavol - ŠIMON, Ladislav - TEŤÁK, František - VOZÁROVÁ, Anna - VOZÁR, Jozef - ŽEC, Branislav. *Vysvetlivky k prehľadnej geologickej mape Slovenskej republiky : I : 200 000*. Aut. Bezák Vladimír et al., editor Bezák Vladimír. Bratislava : Štátny geologický ústav Dionýza Štúra, 2009. 534 s. ISBN 978-80-89343-28-7.

Ohlasy:

[4]        GREIF, Vladimír - DROTÁR, Tomáš. Stanovenie koeficienta drsnosti puklín (JRC) metódou blízkej digitálnej fotogrammetrie. In *Acta Geologica Slovaca*. ISSN 1338-0044, 2011, vol. 3, no. 2, p. 163-171.

AAB03        BIELA, Anna. *Hlboké vrty v zakrytých oblastiach vnútorných Západných Karpát I, II [Deep drillings in the Western Carpathian basins]*. 10, 11. Regionálna geológia. Bratislava : Geologický ústav Dionýza Štúra, 1978. 224 s.

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[1.1]        KOVAC, Michal - HOK, Jozef - MINAR, Jozef - VOJTKO, Rastislav - BIELIK, Miroslav - PIPIK, Radovan - RAKUS, Milos - KRAL, Jan - SUJAN, Martin - KRALIKOVA, Silvia. Neogene and Quaternary development of the Turiec Basin and landscape in its catchment: a tentative mass balance model. In *GEOLOGICA CARPATHICA*. ISSN 1335-0552, 2011, vol. 62, no. 4, p. 361-379., WOS

[4]        HÓK, Jozef - VOJTKO, Rastislav. Interpretácia phorelskej línie v podloží stredoslovenských neovulkanitov (Západní Karpaty). In *Acta geologica slovaca*. ISSN 1338-0044, 2011, č. 3, s. 13-19.

AAB04        FUSÁN, Oto - IBRMAJER, Jaroslav - PLANČÁR, Jozef - SLÁVIK, J. - SMÍŠEK, Miroslav. *Geologická stavba podložia zakrytých oblastí južnej časti vnútorných Západných Karpát*. Zväzok 15. Západné Karpaty. Bratislava : Geologický ústav Dionýza Štúra, 1971. 173 s.

Ohlasy:

[4]        HÓK, Jozef - VOJTKO, Rasislav. Interpretácia pohorelskej línie v podloží stredoslovenských neovulkanitov (Západné Karpaty). In *Acta geologica slovaca*. ISSN 1338-0044, 2011, roč. 3, č. 1, s. 13-19.

AAB05        FUSÁN, Oto - BIELY, Anton - IBRMAJER, Jaroslav - PLANČÁR, Jozef - ROZLOŽNÍK, Ladislav, prof. Ing. *Podložie terciéru vnútorných Západných Karpát = Basement of the Tertiary of the inner West Carpathians*. Bratislava : Geologický ústav Dionýza Štúra, 1987. 123 s.

Ohlasy:

[1.1]        JANIK, Tomasz - GRAD, Marek - GUTERCH, Aleksander - VOZAR,

Jozef - BIELIK, Miroslav - VOZAROVA, Anna - HEGEDUS, Endre - KOVACS, Csaba Attila - KOVACS, Istvan - KELLER, G. Randy. Crustal structure of the Western Carpathians and Pannonian Basin: Seismic models from CELEBRATION 2000 data and geological implications. In JOURNAL OF GEODYNAMICS. ISSN 0264-3707, 2011, vol. 52, no. 2, p. 97-113., WOS  
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AAB06 MATEJKA, František - HUZULÁK, Jozef. *Analýza mikroklimy porastu* [Analysis of the plant cover microclimate (in Slovak)]. 1. vyd. Bratislava : Veda, 1987. 228 s. náklad 800 ks.

Ohlasy:

[2.2] KERESZTESOVÁ, Soňa - KLEIN, Ján - RHÓZOVÁ, Zdenka. Evaluation of microclimatic data on localities with different ratio of vegetation in urban environment. In Ekologia Bratislava. ISSN 1335342X, 2014, vol. 33, no. 4, p. 301-306., SCOPUS

AAB07 PLANČÁR, Jozef - FILO, Miroslav - ŠEFARA, Ján - SNOPKO, Ladislav - KLINEC, Albín. *Geofyzikálna a geologická interpretácia tiažových a magnetických anomálií v Slovenskom rudohorí* [Geophysical and geological interpretation of the ore deposits and magnetic anomaly in the Slovak ore mountains] : seria geologia [Geophysical and geological interpretation of the ore deposits and magnetic anomalies in the Slovak ore mountains]. 2. Západné Karpaty. Bratislava : GÚDŠ Bratislava : vyd. Veda, 1977. 7-144 s.

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[1.1] FARYAD, Shah Wali - FRANK, Wolfgang. Textural and age relations of polymetamorphic rocks in the HP Meliata Unit (Western Carpathians). In JOURNAL OF ASIAN EARTH SCIENCES. ISSN 1367-9120, 2011, vol. 42, no. 1-2, p. 111-122., WOS

[1.1] JANIK, Tomasz - GRAD, Marek - GUTERCH, Aleksander - VOZAR, Jozef - BIELIK, Miroslav - VOZAROVA, Anna - HEGEDUS, Endre - KOVACS, Csaba Attila - KOVACS, Istvan - KELLER, G. Randy. Crustal structure of the Western Carpathians and Pannonian Basin: Seismic models from CELEBRATION 2000 data and geological implications. In JOURNAL OF GEODYNAMICS. ISSN 0264-3707, 2011, vol. 52, no. 2, p. 97-113., WOS

AAB08 POLÁK, Milan - PLAŠIENKA, Dušan - KOHÚT, Milan - PUTIŠ, Marián - BEZÁK, Vladimír - FILO, Ivan - OLŠAVSKÝ, Mário - HAVRILA, Milan - BUČEK, Stanislav - MAGLAY, Juraj - ELEČKO, Michal - FORDINÁL, Klement - NAGY, Alexander - HRAŠKO, Ľubomír - NÉMETH, Zoltán - IVANIČKA, Ján - BROSKA, Igor. *Geologická mapa Malých Karpát = Geological map of the Malé Karpaty Mts* : 1:50 000. Bratislava : Štátny geologický ústav Dionýza Štúra, 2011. ISBN 978-80-89343-45-4.

Ohlasy:

[2.2] LÁNCZOS, Tomás - LAČNÝ, Alexander - JÁNOŠÍK, Michal - FEKETEOVÁ, Zuzana. Speleogenéza Havranickej jaskyne ako významného fenoménu Plaveckého krasu (Malé Karpaty) | [Speleogenesis of the Havranická Cave as an important phenomenon of the Plavecký Karst (Malé Karpaty Mts.)].

In Acta Geologica Slovaca. ISSN 1338-0044, 2013, vol. 5, issue 1, p. 83-96., SCOPUS

- AAB09 ŠEFARA, Ján - BIELIK, Miroslav - BODNÁR, J. - ČÍŽEK, P. - FILO, Miroslav - GNOJEK, I. - HALMEŠOVÁ, S. - HUSÁK, L. - JANOŠTÍK, B. - KRÁLIK, M. - KUBEŠ, Peter - KUCHARIČ, Ľudovít - KURKIN, Michal - LEŠKO, Bartolomej - MIKUŠKA, Ján - MUŠKA, Peter - OBERNAUER, D. - POSPÍŠIL, Lubomil - PUTIŠ, Marián - ŠÚTORA, A. - VELICH, R. *Štruktúrno-tektonická mapa vnútorných Západných Karpát pre účely prognózovania ložísk - geofyzikálne interpretácie : textová monografia s prílohou atlasu máp.* Bratislava : SGÚ Bratislava : Geofyzika, n. p. Brno : Uran. Priemysel, Liberec, 1987. 267 s. + mapy.

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- [2.2] BEZÁK, Vladimír - VOZÁR, Ján - HVOĎARA, Milan. Interpretation of the Tribeč Mts. deep geological structure based on results of geophysical, mainly magnetotelluric modelling. In Contributions to Geophysics and Geodesy. ISSN 1335-2806, 2011, vol. 41, no. 4, p. 297-306., SCOPUS
- [4] LÁNCZOS, Tomáš - MILIČKA, Ján - PERESZLÉNYI, Miroslav. Geochemické indikátory hzdrogeologicky uzavretých štruktúr v Dunajskej panve; zásobníkov plznu. In Acta Geologica Slovaca. ISSN 1338-0044, 2011, roč. 3, č. 1, s. 43-56.

- AAB10 VANĚK, Jiří - BABUŠKA, Vladislav - PLANČÁR, Jozef. *Geodynamic investigations in Czechoslovakia; [International Geodynamic Project]; [final report of Slovakia]*. Final report. Bratislava : Publ. House of the Slovak Academy of Sciences, 1979. 281 s.

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- [1.1] JELENSKA, Magdalena - TUNYI, Igor - AUBRECHT, Roman. Low-latitude Oxfordian position of the Oravic crustal segment (Pieniny Klippen Belt, Western Carpathians): Palaeogeographic implications. In *PALAEOGEOGRAPHY PALAEOLIMATOLOGY PALAEOECOLOGY*. ISSN 0031-0182, 2011, vol. 302, no. 3-4, p. 338-348., WOS

- AAB11 VOZÁR, Jozef - EBNER, F. - VOZÁROVÁ, Anna - HAAS, János - KOVÁCS, Sándor - SUDAR, Milan - BIELIK, Miroslav - PÉRÓ, Csaba. *Variscan and Alpine terranes of the Circum-Pannonian Region*. 1. vyd. Bratislava : Slovak Academy of Sciences, Geological Institute, 2010. 233 p. ISBN 978-80-970578-5-5.

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- [2.1] CSASZAR, Geza - SZINGER, Balazs - PIROS, Olga. From continental platform towards rifting of the Tisza Unit in the Late Triassic to Early Cretaceous. In *GEOLOGICA CARPATHICA*. ISSN 1335-0552, 2013, vol. 64, no. 4, p. 279-290., WOS
- [2.1] PUTISKA, Rene - DOSTAL, Ivan - MOJZES, Andrej - GAJDOS, Vojtech - ROZIMANT, Kamil - VOJTKO, Rastislav. The resistivity image of the Muran fault zone (Central Western Carpathians) obtained by electrical resistivity tomography. In *GEOLOGICA CARPATHICA*. ISSN 1335-0552, 2012, vol. 63, no. 3, pp. 233-239., WOS

**ABB Monographic studies in journals and proceedings published in Slovak publishing houses**

- ABB01 MOCZO, Peter - KRISTEK, Jozef - GÁLIS, Martin - PAŽÁK, Peter. The finite-difference and finite-element modeling of seismic wave propagation and earthquake motion. In *Acta Physica Slovaca : journal for experimental and theoretical physics*, 2007, vol. 57, issue 2, p. 177-406. (0.647 - IF2006). (2007 - SCOPUS). ISSN 0323-0465.
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- [1.1] AOCHI, Hideo - DUCELLIER, Ariane - DUPROS, Fabrice - DELATRE, Mickael - ULRICH, Thomas - DE MARTIN, Florent - YOSHIMI, Masayuki. Finite Difference Simulations of Seismic Wave Propagation for the 2007 Mw 6.6 Niigata-ken Chuetsu-Oki Earthquake: Validity of Models and Reliable Input Ground Motion in the Near-Field. In *PURE AND APPLIED GEOPHYSICS*. ISSN 0033-4553, 2013, vol. 170, no. 1-2, p. 43-64., WOS
  - [1.1] AOCHI, Hideo - ULRICH, Thomas - DUCELLIER, Ariane - DUPROS, Fabrice - MICHEA, David. Finite difference simulations of seismic wave propagation for understanding earthquake physics and predicting ground motions: Advances and challenges. In *24TH IUPAP CONFERENCE ON COMPUTATIONAL PHYSICS (IUPAP-CCP 2012)*. ISSN 1742-6588, 2013, vol. 454., WOS
  - [1.1] BALAZOVJECHECH, Martin - HALADA, Ladislav. Efficient application of e-invariants in finite element method for an elastodynamic equation. In *KYBERNETIKA*. ISSN 0023-5954, 2013, vol. 49, no. 5, p. 765-779., WOS
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  - [1.1] DE LA PUENTE, Josep - FERRER, Miguel - HANZICH, Mauricio - CASTILLO, Jose E. - CELA, Jose M. Mimetic seismic wave modeling including topography on deformed staggered grids. In *GEOPHYSICS*. ISSN 0016-8033, 2014, vol. 79, no. 3, p. T125-T141., WOS
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  - [1.1] FICHTNER, Andreas. Full Seismic Waveform Modelling and Inversion. In *FULL SEISMIC WAVEFORM MODELLING AND INVERSION. BOOK SERIEIES: ADVANCES IN GEOPHYSICAL AND ENVIRONMENTAL MECHANICS AND MATHEMATICS*. ISSN 1866-8348, ISBN 978-3-642-15806-3, 2011, Pages: 1-- DOI: 10.1007/978-3-642-15807-0\_1., WOS
  - [1.1] HAM, Seounghyun - LAI, Benjamin - BATHE, Klaus-Juergen. The method of finite spheres for wave propagation problems. In *COMPUTERS & STRUCTURES*. ISSN 0045-7949, 2014, vol. 142, p. 1-14., WOS
  - [1.1] HERMANN, Verena - KAESER, Martin - CASTRO, Cristobal E. Non-conforming hybrid meshes for efficient 2-D wave propagation using the Discontinuous Galerkin Method. In *GEOPHYSICAL JOURNAL*

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- [1.1] HORI, Muneo - ICHIMURA, Tsuyoshi - WIJERATHNE, Lalith - SATO, M - MATSUOKA, S - SLOOT, PMA - VANALBADA, GD - DONGARRA, J. On some recent achievements of earthquake simulation. In PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON COMPUTATIONAL SCIENCE (ICCS). ISSN 1877-0509, 2011, vol. 4, p. 2344-2353., WOS
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