

### ПУБЛИКАЦИИ В ИНОСТРАННЫХ ПЕРИОДИЧЕСКИХ ИЗДАНИЯХ

1. Grechka V., Duchkov A.A. Narrow-angle representations of the phase and group velocities and their applications in anisotropic velocity-model building for micro-seismic monitoring // *Geophysics*. - 2011. - Vol. 76. - № 6. - P. WC125-WC140
2. Guillaume S., Nikitenko B.L., Rogov M.A., Baudin F., Spangenberg J.E., Knyazev V.G., Glinskikh L.A., Goryacheva A.A., Adatte T., Riding J.B., Follmi K.B., Pittet B., Mattioli E., Lecuyer Ch. Polar record of Early Jurassic massive carbon injection // *Earth and Planetary Science Letters*. - 2011. - Vol. 312. - № 1-2. - P. 102-113
3. Jakovlev A., Ruempker G., Lindenfeld M., Koulakov I., Schumann A., Ochmann N. Crustal Seismic Velocities of the Rwenzori Region, East African Rift, from Local Travel-Time Tomography: Evidence for Low-Velocity Anomalies beneath the Mountain Range // *Bull. Seismol. Soc. Amer.* - 2011. - Vol. 101. - № 2. - P. 848-858
4. Jaxybulatov K., Koulakov I., Ibs-von Seht Malte, Klinge K., Reichert Ch., Dahren B., Troll V.R. Evidence for high fluid/melt content beneath Krakatau volcano (Indonesia) from local earthquake tomography // *J. Volcanol. Geotherm. Res.* - 2011. - Vol. 206. - № 3-4. - P. 96-105
5. Khisamutdinov A.I. Characteristic interactions and successive approximations in problems on evaluating coefficients of transport equation and elemental content of a medium // *Journal of Inverse and Ill-Posed Problems*. - 2011. - Vol. 19. - № 2. - P. 189-222
6. Khromovskikh A., Zapivalov N.P. Migration behavior during late Jurassic oil deposit formation in Kaymisovsk Arch, West Siberia // DEW: the complete energy journal. - 2011. - Vol. 20. - № 6. - P. 35-40
7. Korzhubaev A.G., Eder L.V. Foreign investments into the oil and gas industry of Russia: scales of manufacture, the scheme of participation, Legislative possibilities // *International Journal of Asian Economics*. - 2011. - Vol. 2. - № 1. - P. 29-56
8. Koulakov I. High-frequency P and S velocity anomalies in the upper mantle beneath Asia from inversion of worldwide traveltimes data // *J. Geophys. Res.-Solid Earth*. - 2011. - Vol. 116. - P. B04301
9. Koulakov I., Gordeev E.I., Dobretsov N.L., Vernikovsky V.A., Senyukov S., Jakovlev A. Feeding volcanoes of the Kluchevskoy group from the results of local earthquake tomography // *Geophysical Research Letters*. - 2011. - Vol. 38. - P. 9305-9305
10. Koulakov I., Kopp H., Stupina T. Finding a realistic velocity distribution based on iterating forward modelling and tomographic inversion // *Geophys. J. Int.* - 2011. - Vol. 186. - № 1. - P. 349-358
11. Naimark E., Shabanov Y., Korovnikov I. Cambrian trilobite Ovatoryctocara Tchernysheva, 1962 from Siberia // *Bull. Geosci.* - 2011. - Vol. 86. - № 3. - P. 405-422
12. Nindre Yves-Michel Le, Delphine A., Duchkov A., Altunina L.K., Shvartsev S., Zhelezniak M., Klerkx J. Storing CO<sub>2</sub> underneath the Siberian Permafrost: A win-win solution for long-term trapping of CO<sub>2</sub> and heavy oil upgrading // *Energy Procedia*. - 2011. - Vol. 4. - P. 5414-5421
13. Pestchevitskaya E., Lebedeva N., Ryabokon A. Uppermost Jurassic and lowermost Cretaceous dinocyst successions of Siberia, the Subarctic Urals and Russian Plat-

- form and their interregional correlation // *Geologica Carpathica*. - 2011. - Vol. 62. - № 3. - P. 189-202
14. Pribytkova L.N., Guskov S.A., Dushkin A.V., Pisareva S.I. Mechanochemical preparation of water-soluble composites based on quercetin // *Chemistry of Natural Compounds*. - 2011. - Vol. 47. - № 3. - P. 373-376
15. Protasov M.I., Tcheverda V.A. True amplitude imaging by inverse generalized Radon transform based on Gaussian beam decomposition of the acoustic Green's function // *Geophysical Prospecting*. - 2011. - Vol. 59. - № 2. - P. 197-209
16. Rabbel W., Koulakov I., Dinc A.N., Jakovlev A. Arc-parallel shear deformation and escape flow in the mantle wedge of the Central America subduction zone: Evidence from P wave anisotropy // *Geochemistry, Geophysics, Geosystems*. - 2011. - Vol. 12
17. Safonova I.Yu, Sennikov N.V., Komiya T., Bychkova Y.V., Kurganskaya E.V. Geochemical diversity in oceanic basalts hosted by the Zasur'ya accretionary complex, NW Russian Altai, Central Asia: Implications from trace elements and Nd isotopes // *J. Asian Earth Sci.* - 2011. - Vol. 42. - № 3. - P. 191-207
18. Shelukhin V., Yel'tsov I.N. The Electrokinetic Cross-Coupling Coefficient: Two-Scale Homogenization Approach // *World Journal of Mechanics*. - 2011. - Vol. 1. - № 3. - P. 127-136
19. Shestakov N.V., Gerasimenko M.D., Takahashi H., Kasahara M., Bormotov V.A., Bykov V.G., Kolomietz A.G., Gerasimov G.N., Vasilenko N.F., Prytkov A.S., Timofeev V.Yu., Ardyukov D.G., Kato T. Present tectonics of the southeast of Russia as seen from GPS observations // *Geophysical Journal International*. - 2011. - Vol. 184. - № 2. - P. 529-540
20. Silvestrov I., Tcheverda V. SVD analysis in application to full waveform inversion of multicomponent seismic data // *Journal of Physics: Conference Series*. International Conference on Inverse Problems 2010 13-17 December 2010, Hong Kong. - 2011. - Vol. 290. - № 1. - P. 012014-012014
21. Zaitsev A.N., Spratt J., Williams T.C., Strekopytov S., Wenzel T., Markl G., Sharygin V.V., Petrov S.V., Golovina T.A., Zaitseva E.O. Was Sadiman volcano a source for the Laetoli Footprint Tuff? // *Journal of Human Evolution*. - 2011. - Vol. 61. - № 1. - P. 121-124
22. Zak K., Kostak M., Man O., Zakharov V.A., Rogov M.A., Pruner P., Rohovec J., Dzyuba O.S., Mazuch M. Comparison of carbonate C and O stable isotope records across the Jurassic/Cretaceous boundary in the Tethyan and Boreal Realms // *Palaeogeography, Palaeoclimatology, Palaeoecology*. - 2011. - Vol. 299. - № 1-2. - P. 83-96
23. Zapivalov N.P. The 21st Century Power: Tendencies and Prospects // *Journal of Engineering Thermophysics* (Журнал инженерной теплофизики). - 2011. - Vol. 20. - № 2. - P. 139-151
24. Zapivalov N.P., Smirnov G.I., Golubyatnikov V.P. Rehabilitation cycles in nonlinear dynamics of petroleum fields // *DEW: the complete energy journal*. - 2011. - Vol. 21. - № 01. - P. 103-105
25. Zapivalov N., Zapivalova L. Economic estimation of development of sea deposits in Russia // *DEW: the complete energy journal*. - 2011. - Vol. 20. - № 04. - P. 57-60
26. Zapivalova E.V., Zapivalova L.A., Zapivalova E.V., Zapivalov N.P. Offshore oil and ecology // *DEW: the complete energy journal*. - 2011. - Vol. 20. - № 05. - P.

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