

СПИСЪК НА ПУБЛИКАЦИИТЕ

на доц. д.н. Николай Георгиев Бонев

НАУЧНИ ПУБЛИКАЦИИ представени в настоящият конкурс за академичната длъжност “ПРОФЕСОР” по 4.4 Науки за земята (регионална геология) (публикации с № от 91 до 38):

91. **Bonev, N.**, Spikings, R., Marchev, P., 2016. Comment on Georgiev et al. “Structure and U-Pb geochronology of Alpine nappe stack telescoped by extensional detachment faulting (Kulidzhik area, Eastern Rhodopes, Bulgaria)”. – *International Journal of Earth Sciences(Geol Rundsch)*, **105**, 2161-2170.
90. **Bonev, N.**, Borisova, M., Filipov, P., 2016. Middle Triassic crystallization of the Volvi metamafic body, Serbo-Macedonian Massif, Northern Greece: new evidence for Triassic rifting history. – *Proceedings of Annual Conference of the Bulgarian Geological Society “Geosciences 2016”*, pp. 51-52.
89. **Bonev, N.**, 2015. Protoliths and metamorphic events in the high-grade metamorphic basement of the Eastern Rhodope: constraints from U-Pb zircon geochronology. – *Proceedings of Annual Conference of the Bulgarian Geological Society “Geosciences 2015”*, pp. 57-58.
88. **Bonev, N.**, Marchev, P., Moritz, R., Filipov, P., 2015. Timing of igneous accretion, composition, and temporal relations of the Kassandra-Sithonia rift-spreading center within the eastern Vardar suture zone, Northern Greece: insights into Jurassic arc/back-arc systems evolution at the Eurasian plate margin. – *International Journal of Earth Sciences (Geol Rundsch)*, **104**, 1837-1864.
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81. Ivanova, D., Chatalov, A., **Bonev, N.**, 2013. Lower Cretaceous microfossils from the Circum-Rhodope Belt in the Chalkidiki Peninsula and Rhodope-Thrace districts, NE Greece. – In: Tabara, D., (ed.), 9th Romanian Symposium on Paleontology, 25-26 October 2013, Iasi, Romania, Al.I.Cuza University of Iasi, Abstract book, p.60-61.
80. Ivanova, D., Chatalov, A., **Bonev, N.**, 2013. Biostratigraphy and depositional environment of Lower Cretaceous limestones from the Circum-Rhodope Belt (Chalkidiki Peninsula and Thrace region, NE Greece). – 9th International Symposium on the Cretaceous system, 1-5 September 2013, Ankara, Turkey, Middle East Technical University, Abstract book, p.6.
79. **Bonev, N.**, Ovtcharova-Schaltegger, M., Moritz, R., Marchev, P., Ulianov, A., 2013. Peri-Gondwanan Ordovician crustal fragments in the high-grade basement of the Eastern Rhodope Massif, Bulgaria: evidence from U-Pb LA-ICP-MS zircon geochronology and geochemistry. – *Geodinamica Acta*, **26**, 3-4, 207-229.
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77. **Bonev, N.**, Spikings, R., Moritz, R., Marchev, P., Collings, D., 2013. ⁴⁰Ar/³⁹Ar age constraints on the timing of Tertiary crustal extension and its temporal relation to ore-forming and magmatic processes in the eastern Rhodope Massif, Bulgaria. – *Lithos*, **180-181**, 264-278.
76. Marchev, P., Georgiev, S., Raicheva, R., Peytcheva, I., von Quadt, A., Ovtcharova, M., **Bonev, N.**, 2013. Adakitic magmatism in post-collisional setting: An example from the Early-Middle Eocene magmatic belt in South Bulgaria and North Greece. – *Lithos*, **180-181**, 159-180.
75. **Bonev, N.**, 2013. Jurassic structural inheritance and Tertiary tectonic reworking along the Eurasian margin: insights from the Alpine belt of northern Aegean region, Bulgaria-Greece. TectonoMechanics 2013, 15-19 April 2013, Ecole Normale Superieure, Paris, France, *Abstracts with Program*, p. 25.
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72. **Bonev, N.**, Marchev, P., Moritz, R., 2012. The Jurassic Rhodope subduction-accretion history: temporal relations between the Circum-Rhodope Belt Evros ophiolite, and the UHP-HP events and the granitoid magmatism in the underlying high-grade metamorphic basement, Thrace region, NE Greece. – *Geophysical Research Abstracts*, **14**, 1 pp. paper EGU-2012-7323-1.

71. **Bonev, N.,** Marchev, P., Chatalov, A., Ivanova, D., Moritz, R., 2012. Geochronologic and biostratigraphic constraints for the Jurassic Rhodope subduction-accretion history: insights from the Circum-Rhodope Belt and the high-grade metamorphic basement, Thrace region, NE Greece. – The school of prof. Zhivko Ivanov, International Conference: Exhumation of high-grade metamorphic rocks (MCC), magmatic arc systems and strike-slip zones, March 29-30 2012, Sofia, Earth and Man National Museum, Extended Abstract, pp. 7-11.
70. **Bonev, N.,** Dilek, Y., Hanchar, J.M., Bogdanov, K., Klain, L., 2012. Nd-Sr-Pb isotopic composition and mantle sources of Triassic rift units in the Serbo-Macedonian and the western Rhodope massifs (Bulgaria-Greece). – *Geological Magazine*, **149**, 1, 146-152.
69. Ivanova, D, Chatalov, A. **Bonev, N.,** 2011. Age and depositional environment of Alike limestone, NE Greece. – In: Csiki, Z., (ed), *8th Romanian Symposium on Paleontology*, 29-30 September 2011, Bucharest, Romania, University of Bucharest, Abstract book, pp. 68-69.
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64. Moritz, R., Márton, I., Ortelli, M., Marchev, P., Voudouris, P., **Bonev, N.,** Spikings, R. Cosca, M., 2010. A review of age constraints of epithermal precious and base metal deposits of the Tertiary Eastern Rhodopes: coincidence with Late Eocene-Early Oligocene tectonic plate reorganization along the Tethys. – *Geologica Balcanica*, **39**, 1-2, p. 262.
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54. Bonev, N., Spikings, R., Moritz, R., Marchev, P., 2008. Structural and ⁴⁰Ar/³⁹Ar age constraints on the Kulidjik nappe: A record of an early Alpine thrust tectonics in the northeastern Rhodope Massif, Bulgaria. – *IOP Conf. Series: Earth and Environmental Science*, v. **2**, paper 012016, 2 pp, doi:10.1088/1755-1307/2/1/012016
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52. Bonev, N., Beccaletto, L., 2007. From syn- to post-orogenic Tertiary extension in the north Aegean region: constraints on the kinematics in the eastern Rhodope-Thrace, Bulgaria-Greece and the Biga Peninsula, northwest Turkey, In: Taymaz, T., Yilmaz, Y., Dilek, Y. (eds.). The Geodynamics of the Aegean and Anatolia. – *Geological Society, London, Special Publication*, **291**, pp. 113-142.
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49. **Bonev, N.**, Peychev, K., Moritz, R., 2007. Ductile and brittle structures, and kinematics related to crustal extension in the Central Byala Reka Dome, Eastern Rhodope, Bulgaria. *Advances in Regional Geological and Metallogenic Studies in the Carpathians, Balkans, Rhodope Massif and Caucasus (Romania, Serbia, Bulgaria and Georgia)*, A Field Conference, Bor area, Serbia, 4-7 September 2007, Abs., 1 pp.
48. Moritz, R., Márton, I., Chambefort, I., Noverraz, C., Marchev, P., Petrunov, R., Spikings, R., **Bonev, N.**, 2007. Diversity of epithermal gold ore formation events in southeastern Europe: a record of a protracted 60 m.y.-long geodynamic and metallogenic evolution of the Tethyan arc. *Advances in Regional Geological and Metallogenic Studies in the Carpathians, Balkans, Rhodope Massif and Caucasus (Romania, Serbia, Bulgaria and Georgia)*, A Field Conference, Bor area, Serbia, 4-7 September 2007, Abs., 1 pp.
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44. Márton, I., Moritz, R., Marchev, P., **Bonev, N.**, Hasson, S., Vennemann, T., 2006. Tertiary sedimentary rock-hosted, low-sulfidation epithermal deposits and prospects in the Eastern Rhodopes, Bulgaria: New geological, stable isotope and fluid inclusions constraints. – *19th International Mineralogical Association*, July 2006, Kobe, Japan, Abstract, p. P15-7.
43. **Bonev, N.**, Peychev, K., Nizamova, D., 2006. MOR-vs. SSZ-origin of metamafic rocks in the upper high-grade basement unit of the eastern Rhodope: geochemical diversity and tectonic significance. – *Proceedings Annual Conference of Bulgarian Geological Society, "Geosciences 2006"*, pp. 181-184.
42. **Bonev, N.**, Burg, J.-P., Ivanov, Z., 2006. Mesozoic-Tertiary structural evolution of an extensional gneiss dome – the Kesebir-Kardamos dome, eastern Rhodope (Bulgaria-Greece). – *International Journal of Earth Sciences (Geol. Rundsch.)*, **95**, 2, 318-340.

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НАУЧНИ ПУБЛИКАЦИИ представени по темата на дисертацията за придобиване на научната степен “**ДОКТОР НА НАУКИТЕ**” (регионална геология и геотектоника):

37. **Bonev, N.**, Magganas, A., Klain, L., 2010. Regional geology and correlation of the eastern Circum-Rhodope belt, Bulgaria-Greece. – *Geologica Balcanica*, **39**, 1-2, 76-77.
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35. **Bonev, N.**, Stampfli, G., 2010. Comment on “Geochemistry, petrogenesis and tectonic setting of the Samothraki mafic suite, NE Greece: Trace element, isotopic and zircon age constraints” by N. Koglin, D. Kostopoulos & T. Reischmann [Tectonophysics 473, 53-68(doi:10.1016/j.tecto.2008.10.028)]. – *Tectonophysics*, **483**, 413-419.
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33. **Bonev, N.**, Klain, L., Pimpirev, Ch., 2009. Lithologic-tectonic aspect of the Circum-Rhodope Belt flysch in the Chalkidiki Peninsula (Sithonia) and Rodopi-Thrace districts, northern Greece. – Proceedings Annual Conference Bulgarian Geological Society “*Geosciences 2009*”, pp. 81-82.
32. **Bonev, N.**, Stampfli, G., 2008. Petrology, geochemistry and geodynamic implications of Jurassic island arc magmatism as revealed by mafic volcanic rocks in the Mesozoic low-grade sequence, eastern Rhodope, Bulgaria. – *Lithos*, **100**, 210-233.
31. **Bonev, N.**, 2006. Structural and geochemical studies on amphibolite and greenschist-facies rocks in the Kulidjik river valley, eastern Rhodope, Bulgaria: preliminary results. – *Neues Jahrbuch für Geologie und Paläontologie Abhandlungen*, **239**, 2, 161-181.

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НАУЧНИ ПУБЛИКАЦИИ представени в конкурс за академичната длъжност “**ДОЦЕНТ**” (геотектоника). (Забележка: Публикациите отбелязани със символ * са свързани тематично с дисертацията за придобиване на научната степен „**доктор на науките**“, и бяха представени към нея в допълнение на отбелязаните по-горе):

29. **Bonev, N.**, Marchev, P., Singer, B., 2006. $^{40}\text{Ar}/^{39}\text{Ar}$ geochronology constraints on the Middle Tertiary basement extensional exhumation, and its relation to ore-forming and magmatic processes in the Eastern Rhodope (Bulgaria). – *Geodynamica Acta*, **19**, 5, 267-282.
- 28*. **Bonev, N.G.**, 2005. New finds of Late Permian foraminifers in clastic fragments from the Mesozoic low-grade sequence (Eastern Rhodope, Bulgaria). Geodynamic implications. – *Comptes Rendus de l'Academie bulgare des Sciences*, **58**, 2, 191-196.
- 27*. **Bonev, N.**, 2005. Foraminifers from the exotic Late Permian limestone pebbles in the Mesozoic low-grade sequence of the eastern Rhodope, Bulgaria: paleogeographic and paleotectonic consequences. – *Neues Jahrbuch für Geologie und Paläontologie Monatshefte*, no. 7, pp. 385-403.
26. Marton, I., Moritz, R., **Bonev, N.**, Marchev, P., 2005. Preliminary structural and geochemical data about Ada Tepe and surrounding gold deposits (Eastern Rhodopes, Bulgaria). – Hungarian Technical Scientific Society in Transylvania (EMT): Mining, Metallurgy and Geology Conference, 31 March-3 April 2005 Oradea, Romania, Abstract, p. 98.
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- 23*. **Bonev, N.**, 2005. Siliciclastic knockers in marbles of the Eastern Rhodope (Bulgaria): significance for depositional environment and tectonic setting. – *Annuaire de l'Universite de Sofia, Faculte de Geologie et Geographie, Livre 1- Geology*, **98**, 29-42.
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21. **Bonev, N.G.**, 2004. Sillimanite-bearing migmatites from the Rhodope metamorphic complexes, southern Bulgaria: occurrence and implications for the tectono-metamorphic history. – *Neues Jahrbuch für Geologie und Paläontologie Abhandlungen*, **229**, 1, 57-75.
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19. **Bonev, N.G.**, 2004. Kinematics from thickening to extension in the Alpine belt of south Rhodope (Bulgaria). – 32nd International Geological Congress, 2004 Florence, Italy, Abs. Vol., pt. 2, abs. 280-30, p. 1244.
- 18*. **Bonev, N.**, Stampfli, G.M. 2004. New structural and petrologic data on the Rhodope (Bulgaria): geodynamic implications. – 2nd Swiss Geoscience Meeting, 19-20 November 2004, Lausanne, Abstract, p. 92.
17. **Marchev, P.**, Singer, B.S., Jelev, D., Hasson, S., Moritz, R., **Bonev, N.**, 2004. The Ada Tepe deposit: a sediment-hosted, detachment fault-controlled, low-sulfidation gold deposit in the Eastern Rhodopes, SE Bulgaria. – *Schweizerische Mineralogische und Petrographische Mitteilungen*, **84**, 1/2, 59-78.
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- 15*. **Bonev, N.G.** Stampfli, G.M., 2003. New structural and petrologic data on Mesozoic schists in the Rhodope (Bulgaria): geodynamic implications. – *Comptes Rendus Geosciences*, **335**, 8, 691-699.
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