

## Справка за цитиранията

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(Общо 210 цитата на 29 публикации по данни от:  
*Springer Citations; Google Scholar Citations; Research Gate*)

( **h-index-7; i10-index-4**, *Google Scholar Citations* )

**1.** Zimmerman, A., Stein, H., Hannah, J., Koželj, D., Bogdanov, K., Berza, T. 2008. Tectonic configuration of the Apuseni–Banat–Timok–Srednogorie belt, Balkans–South Carpathians, constrained by high precision Re–Os molybdenite ages. *Miner Deposita* 43,1–21.

### 50 цитата:

1. Sillitoe, R.H. 2010. Porphyry copper systems. *Economic Geology*, 105,1,3-41.
2. Panaiotu, C.G. and Panaiotu, C.E. 2010. Palaeomagnetism of the Upper Cretaceous Sânpetru Formation (Hațeg Basin, South Carpathians). *Palaeogeography, Palaeoclimatology, Palaeoecology*, 293,3, 343-352.
3. Meijers, M.J., Kaymakci, N., Van Hinsbergen, D.J., Langereis, C.G., Stephenson, R.A. and Hippolyte, J.C., 2010. Late Cretaceous to Paleocene oroclinal bending in the central Pontides (Turkey). *Tectonics*, 29,4.
4. Ustaszewski, K., Kounov, A., Schmid, S.M., Schaltegger, U., Krenn, E., Frank, W. , Fügenschuh, B. 2010. Evolution of the Adria-Europe plate boundary in the northern Dinarides: From continent-continent collision to back-arc extension. *Tectonics*, 29,6.
5. Voudouris, P.C., Melfos, V., Spry, P.G., Bindl, L., Kartal, T., Arikas, K., Moritz, R., Ortelli, M. 2009. Rhenium-rich molybdenite and rheniite in the Pagoni Rachi Mo–Cu–Te–Ag–Au prospect, northern Greece: implications for the Re geochemistry of porphyry-style Cu–Mo and Mo mineralization. *The Canadian Mineralogist*, 47,5),.1013-1036
6. Sillitoe, R.H. , Mortensen, J.K. 2010. Longevity of porphyry copper formation at Quellaveco, Peru. *Economic Geology*, 105,6,1157-1162.
7. Kolb, M., Von Quadt, A., Peytcheva, I., Heinrich, C.A., Fowler, S.J. , Cvetković, V. 2012. Adakite-like and normal arc magmas: distinct fractionation paths in the East Serbian segment of the Balkan–Carpathian arc. *Journal of Petrology*,12,1-31.
8. Munteanu, I., Matenco, L., Dinu, C., Cloetingh, S.A.P.L.2011. Kinematics of back-arc inversion of the Western Black Sea Basin. *Tectonics*, 30,5.
9. Georgiev, S., Von Quadt, A., Heinrich, C.A., Peytcheva, I., Marchev, P. 2012. Time evolution of a rifted continental arc: Integrated ID-TIMS and LA-ICPMS study of magmatic zircons from the Eastern Srednogorie, Bulgaria. *Lithos*, 154,53-67.
10. Georgiev, S., Marchev, P., Heinrich, C.A., Von Quadt, A., Peytcheva, I. ,Manetti, P. 2009. Origin of nepheline-normative high-K ankaramites and the evolution of Eastern Srednogorie arc in SE Europe. *Journal of Petrology*,50,10,1899-1933.
11. Merten, S., Matenco, L., Foeken, J.P.T. , Andriessen, P.A.M. 2011. Toward understanding the post-collisional evolution of an orogen influenced by convergence at adjacent plate margins: Late Cretaceous–Tertiary thermotectonic history of the Apuseni Mountains. *Tectonics*, 30,6.
12. Peytcheva, I., von Quadt, A., Neubauer, F., Frank, M., Nedialkov, R., Heinrich, C., Strashimirov, S., 2009. U–Pb dating, Hf-isotope characteristics and trace-REE-patterns of zircons from Medet porphyry copper deposit, Bulgaria: implications for timing, duration and sources of ore-bearing magmatism. *Mineralogy and Petrology*, 96,1-2,19-41.
13. Bojar, A.V., Halas, S., Bojar, H.P., Grigorescu, D. ,Vasile, S., 2011. Upper Cretaceous volcanoclastic deposits from the Hațeg Basin, South Carpathians (Romania): K-Ar ages and intrabasinal correlation. *Geochronometria*, 38,2,182-188.
14. Richards, J.P. 2015. Tectonic, magmatic, and metallogenic evolution of the Tethyan orogen: From subduction to collision. *Ore Geology Reviews*, 70,323-345.
15. Barcikowski, J., von Quadt, A., Gallhofer, D., Peytcheva, I., Heinrich, C.A., Serafimovski, T. 2013. Geochronology, geochemistry and isotope tracing of the Oligocene magmatism of the Buchim–Damjan–Borov Dol ore district: Implications for timing, duration and source of the magmatism. *Lithos*, 180,216-233.

16. Bergerat, F., Vangelov, D., Dimov, D. 2010. Brittle deformation, palaeostress field reconstruction and tectonic evolution of the Eastern Balkanides (Bulgaria) during Mesozoic and Cenozoic times. *Geological Society, London, Special Publications*, 340, 1, 77-111.
17. Voudouris, P., Melfos, V., Spry, P.G., Bindi, L., Moritz, R., Ortelli, M., Kartal, T., 2013. Extremely Re-rich molybdenite from porphyry Cu-Mo-Au prospects in northeastern Greece: Mode of occurrence, causes of enrichment, and implications for gold exploration. *Minerals*, 3, 2, 165-191.
18. Kounov, A. , Schmid, S.M.2013. Fission-track constraints on the thermal and tectonic evolution of the Apuseni Mountains (Romania). *International journal of earth sciences*, 102, 1, 207-233.
19. Šoštaric, S.B., Cvetković, V., Neubauer, F., Palinkaš, L.A., Bernroider, M. , Genser, J. 2012. Oligocene shoshonitic rocks of the Rogozna Mts.(Central Balkan Peninsula): Evidence of petrogenetic links to the formation of Pb-Zn-Ag ore deposits. *Lithos*, 148, 176-195.
20. Munteanu, I., Willingshofer, E., Sokoutis, D., Matenco, L., Dinu, C., Cloetingh, S. 2013. Transfer of deformation in back-arc basins with a laterally variable rheology: Constraints from analogue modelling of the Balkanides–Western Black Sea inversion. *Tectonophysics*, 602, 223-236.
21. Kuçcu, İ., Tosdal, R.M., Gencalioğlu-Kuçcu, G., Friedman, R., Ullrich, T.D. 2013. Late Cretaceous to Middle Eocene magmatism and metallogeny of a portion of the Southeastern Anatolian orogenic belt, East-Central Turkey. *Economic Geology*, 108, 4, 641-666.
22. Ishihara, S. , Chappell, B.W. 2010. Petrochemistry of I-type magnetite-series granitoids of the northern Chile, Highland Valley, southern BC, Canada, Erdenet mine, Mongolia, Dexing mine, China, Medet mine, Bulgaria, and Ani mine, Japan. *Bull. Geol. Surv. Japan*, 61, 383-415.
23. Förster, H.J., Rhede, D., Stein, H.J., Romer, R.L., Tischendorf, G. 2012. Paired uraninite and molybdenite dating of the Königshain granite: implications for the onset of late-Variscan magmatism in the Lausitz Block. *International Journal of Earth Sciences*, 101, 1, 57-67.
24. Ljubović-Obradović, D., Carević, I., Mirković, M. , Protić, N. 2011. Upper Cretaceous volcanoclastic-sedimentary formations in the Timok Eruptive Area (eastern Serbia): new biostratigraphic data from planktonic foraminifera. *Geologica Carpathica*, 62, 5, .435-446.
25. Cooke, D.R. , Wilkinson, J.J., 2014. 13.14 Geochemistry of Porphyry Deposits.In: Treatise on Geochemistry, Elsevier,357-376.
26. Gallhofer, D., Quadt, A.V., Peytcheva, I., Schmid, S.M. ,Heinrich, C.A. 2015. Tectonic, magmatic, and metallogenic evolution of the Late Cretaceous arc in the Carpathian-Balkan orogen. *Tectonics*, 34, 9, 1813-1836.
27. Sillitoe, R.H., Tolman, J. , Van Kerkvoort, G. 2013. Geology of the caspiche porphyry gold-copper deposit, Maricunga Belt, Northern Chile. *Economic Geology*, 108, 4, 585-604.
28. Eliopoulos, D.G., Economou-Eliopoulos, M. , Zelyaskova-Panayiotova, M.. 2014. Critical factors controlling Pd and Pt potential in porphyry Cu–Au deposits: evidence from the Balkan Peninsula. *Geosciences*, 4, 1, 31-49.
29. Banješević, M. 2010. Upper cretaceous magmatic suites of the Timok magmatic complex. *Geoloski anali Balkanskoga poluostrva*,71, 13-22.
30. Ciobanu, C.L., Brugger, J., Cook, N.J., Mills, S.J., Elliott, P., Damian, G. , Damian, F.2014. Građanite, MnBi<sub>2</sub>S<sub>4</sub>, a new mineral from the Băița Bihor skarn, Romania. *American Mineralogist*, 99, 5-6, 1163-1170.
31. Grabezhev, A.I.,Voudouris, P.C. 2015. Rhenium distribution in molybdenite from the Vosnesensk porphyry Cu±(Mo, Au) deposit (Southern Urals, Russia). *The Canadian Mineralogist*,52, 4, 671.
32. Voudouris, P.,Melfos,V., Moritz, R., Spry, P.G., Ortelli, M. , Kartal, T. 2010. Molybdenite occurrences in Greece: mineralogy, geochemistry and depositional environment. *Scientific Annals, School of Geology, Aristotle University of Thessaloniki Proceedings of the XIX CBGA Congress*, Thessaloniki, Greece 100, 369-378.
33. Bojar, A.V., Dodd, J. and Seghedi,I.2013. Isotope geochemistry (O, H and Sr) of Late Cretaceous volcanic rocks, Hațeg Basin, South Carpathians, Romania. *Geological Society, London, Special Publications*, 382, 1, 203-211.
34. Simmons, A. 2013. Magmatic and hydrothermal stratigraphy of Paleocene and Eocene porphyry Cu-Mo deposits in southern Peru. *Electronic Theses and Dissertations (ETDs)*. 2008. PhD thesis, University of British Columbia, Vancouver. 359p.
35. Ignatović, S., Vasiljević, I., Burazer, M., Banješević, M., Strmbanović, I. ,Cvetković, V. 2014. 2D geological-geophysical model of the Timok Complex (Serbia, SE Europe): a new perspective from aeromagnetic and gravity data. *Swiss Journal of Geosciences*, 107, 1, 101-112.
36. Pačevski, A., Cvetković, V., Šarić, K., Banješević, M., Hoefer, H.E. , Kremenović, A. 2016. Manganese mineralization in andesites of Brestovačka Banja, Serbia: evidence of sea-floor exhalations in the Timok Magmatic Complex. *Mineralogy and Petrology*,1-12.
37. Bonin, B. , Tatu, M. 2016. Cl-rich hydrous mafic mineral assemblages in the Highiș massif, Apuseni Mountains, Romania. *Mineralogy and Petrology*, 1-23.
38. Nimis, P. , Omenetto, P. 2015. Does subduction polarity control metallogeny? The Mediterranean case. *Terra Nova*, 27, 2, 139-146.

39. Volkov, A.V., Sidorov, A.A. 2014. The mineral wealth of the Tethyan volcanic belts. *Herald of the Russian Academy of Sciences*, 84,2,115-123.
40. Gallhofer, D. 2015. *Magmatic geochemistry and geochronology in relation to the geodynamic and metallogenic evolution of the Banat Region and the Apuseni Mountains of Romania* (Doctoral dissertation, Dissertation, ETH-Zürich, 2015, No. 22888).
41. Ilinca,G.2012. Upper Cretaceous contact metamorphism and related mineralization in Romania. *Acta Mineralogica-Petrographica*, Abstract Series, Szeged, 7, 59-64.
42. Ishihara,S.,Chappel,B.W.2010.Petrochemistry of I-type magnetite-series granitoids of the northern Chile, Highland Valley, southern B. C., Canada, Erdenet mine, Mongolia, Dexing mine, China, Medet mine, Bulgaria, and Ani mine, Japan. *Bull.Geol.Surv. Japan*,61,11-12,383-415.
43. Antić, M.D., Kounov, A., Trivić, B., Wetzel, A., Peytcheva, I. ,von Quadt, A.2015. Alpine thermal events in the central Serbo-Macedonian Massif (southeastern Serbia). *International Journal of Earth Sciences*,1-21.DOI:10.1007/s00531-015-1266-z.
44. Xu, D.R., Wu, C.J., Hu, G.C., Chen, M.L., Fu,Y.R.,Wang, Z.L.,Chen, H.Y. ,Hollings, P.2016. Late Mesozoic molybdenum mineralization on Hainan Island, South China: Geochemistry, geochronology and geodynamic setting. *Ore Geology Reviews*,72,402-433.
45. Marincea, Ş., Dumitraş, D.G., Ghinetă, C. , Bilal, E., 2015. The occurrence of high-temperature skarn from Oravita (Banat,Romania): A mineralogical overview. *The Canadian Mineralogist*, 53,3, 511-532.
46. Stoica, A.M., Ducea, M.N., Roban, R.D., Jianu, D. 2016. Origin and evolution of the South Carpathians basement (Romania): a zircon and monazite geochronologic study of its Alpine sedimentary cover. *International Geology Review*, 58,4,510-524.
47. Reiser, M.K., Schuster, R., Spikings, R., Tropper, P. ,Fügenschuh, B. 2016. From nappe stacking to exhumation: Cretaceous tectonics in the Apuseni Mountains (Romania). *International Journal of Earth Sciences*, 1-27. DOI: 10.1007/s00531-016-1335-y
48. Jelenković, R., Milovanović, D., Koželj, D. and Banješević, M. 2016. The Mineral Resources of the Bor Metallogenic Zone: A Review. *Geologia Croatica*, 69,1,143-155.
49. Georgi Georgiev .2008.A genetic model of the Elatsite porphyry copper deposit, Bulgaria *Geochem, Mineral. Petrol*,46, 143-160.
50. Bonev, I.K.2005.Genesis of filamentary crystals of galena and native gold. 80 years Bulg.GeoSoc.Proc. of the Jubilee Internat.Conf.,Sofia,67-70.
- 2. Tarkian M, Hünken U, Tokmakchieva M and Bogdanov K. 2003. Precious-metal distribution and fluid-inclusion petrography of the Elatsite porphyry copper deposit, Bulgaria. *Miner. Deposita*. 38, 261-281.**

#### 44 цитата:

- Park ,J.W., Campbell,J.H.,Kim,J.2015. Abundances of platinum group elements in native sulfur condensates from the Niuatahi-Motutahi submarine volcano, Tonga rear arc: Implications for PGE mineralization in porphyry deposits. *Geochimica et Cosmochimica Acta*,176,236-246.
- Richards,J.P.2015.Tectonic, magmatic, and metallogenic evolution of the Tethyan orogen: From subduction to collision.*Ore Geol. Rev.*,70,323-345.
- Richards,J.P.2014.A Review of Tectonics and Metallogeny of the Tethyan Orogen. *Acta Geologica Sinica*,88,923-925.
- Cook, N.J.,Ciobanu,C.L.,Danyushevsky,L.V.,Gilbert,S.2011.Minor elements in bornite and associated Cu-(Fe)-sulfides: a LA-ICPMS study. *Geochimica et Cosmochimica Acta*, 75,21,6473-6496,
- Li, J., K. Qin, G. Li, B. Xiao, J. Zhao, and L. Chen (2011), Magmatic-hydrothermal evolution of the Cretaceous Duolong gold-rich porphyry copper deposit in the Bangongco metallogenic belt, Tibet: Evidence from U-Pb and 40Ar/39Ar geochronology, *J. Asian. Earth. Sci.*, 41, 525–536.
- Cook NJ, Ciobanu CL, Spry PG, Voudouris P, and the participants of the IGCP-486 (2009) Understanding gold-(silver)-telluride-(selenide) mineral deposits. *Episodes*, 32,4 249-263.
- Kamenov, B. K., Y. Yanev, R. Nedialkov, R. Moritz, I. Peytcheva, A. von Quadt, S. Stoykov, and A. Zartova (2007), Petrology of Upper Cretaceous island-arc ore-magmatic centers from central Srednogorie, Bulgaria: Magma evolution and paths, *Geochem. Mineral. Petrol.*, 45, 39–77.
- Chambefort,I.,Moritz,L.R.2006. Late Cretaceous structural control and Alpine overprint of the high-sulfidation Cu-Au epithermal Chelopech deposit, Srednogorie belt, Bulgaria. *Mineralium Deposita* 41(3):259-280.
- von Quadt ,A.,Driesner,T., Heinrich,C.A.2004.Geodynamics and Ore Deposit Evolution of the Alpine-Carpathian-Balkan-Dinaride Orogenic System. *Swiss Journal of Geosciences Supplement*,84,1-2.

10. Chambefort, I., Moritz, R., von Quadt, A. 2007. Petrology, geochemistry and U-Pb geochronology of magmatic rocks from the high-sulfidation epithermal Au-Cu Chelopech deposit, Bulgaria. *Mineralium Deposita*, 42, 665-690.
11. Bonev, I.K. 2005. Genesis of filamentary crystals of galena and native gold. 80 years Bulg. *GeolSoc.Proc. of the Jubilee Internat.Conf.*, Sofia, 67-70.
12. Park, J-W., Campbell, J.H., Kim, J. 2015. Abundances of platinum group elements in native sulfur condensates from the Niuatahi-Motutahi submarine volcano, Tonga rear arc: Implications for PGE mineralization in porphyry deposits. *Geochimica et Cosmochimica Acta* 174, 236-246.
13. Cook N.J., Ciobanu C.L., Spry P.G., Voudouris P., and the participants of the IGCP-486 (2009) Understanding gold-(silver)-telluride-(selenide) mineral deposits. *Episodes*, 32, 4, 249-263.
14. Moritz, R., Kouzmanov, K., Petrunov, R. 2004. Late Cretaceous Cu-Au epithermal deposits of the Panagyurishte district, Srednogorie zone, Bulgaria. *Swiss Journal of Geosciences Supplement*. 84, 1-2, 79-99.
15. Rangsanseri, Y. 2000. Comparison between co-occurrence and wavelet features for characterization of urban environments by SAR data. *IEEE Xplore Conference: Microwave Conference, 2000 Asia-Pacific*, Abs.Vol.
16. Zimmerman A, Stein H, Markey R, Fanger L, Heinrich C, von Quadt A, Peytcheva I (2003) Re-Os ages for the Elatsite Cu-Au deposit, Srednogorie zone, Bulgaria. In: Eliopoulos et al (eds) Mineral Exploration and Sustainable Development. Proceedings of the seventh Biennial SGA meeting 7, 1253-1256.
17. Chambefort, I., von Quadt, A., Moritz, R. 2003. Chambefort, I., Von Quadt, A., Moritz, R., 2003. Volcanic environment and geochronology of the Chelopech high-sulfidation epithermal deposit, Bulgaria: regional relationship with associated deposits. *Geophysical Research, Abstracts* 5, 00569.
18. Popov, K., Georgiev, G. 2004. Primary geochemical halo of Elatsite porphyry copper deposit. *Annual University of Mining and Geology St. Ivan Rilski*, 119-124.
19. Handler, R., Neubauer, F., Velichkova, S., Ivanov, Z. 2004. Ar-40/Ar-39 age constraints on the timing of magmatism and postmagmatic cooling in the Panagyurishte region, Bulgaria. *Swiss Journal of Geosciences*, 84, 1, 119-132.
20. Ciobanu, L.C., Cook, N.J. 2004. Skarn textures and a case study: The Ocna de Fier-Dogenecea orefield, Banat, Romania. *Ore Geology Reviews*, 24, 315-370..
21. Economou-Eliopoulos, M., Eliopoulos, D. 2005. Mineralogical and geochemical characteristics of the Skouries porphyry-Cu-Au-Pd-Pt deposit (Greece): Evidence for the precious metal. In: *Mineral Deposit Research: Meeting the Global Challenge*, 935-938.
22. Kiousis, G.; Economou-Eliopoulos, M.; Paspaliaris, I.; Mitsis, I. Gold, palladium and platinum recovery, as by-products, from the Skouries porphyry Cu-Au deposit, Chalkidiki area, North eastern Greece-preliminary results. In: *Mineral Deposit Research: Meeting the Global Challenge*, Proceedings of the Eighth Biennial SGA Meeting, Beijing, China, 18-21 August 2005, 991-994.
23. Muegge, S., Sharma, M., Kumar, U. 2005. An exploratory study of new product development at small university spin-offs. *IEEE Xplore Conference: Engineering Management Conference, Proceedings*. 2005 IEEE International, Volume: 2, DOI: 10.1109/EMC.2005.155922.
24. Augé, T., Petrunov, R., Bailly, L. 2005. On the origin of PGE mineralization in the Elatsite porphyry Cu-Au deposit, Bulgaria: comparison with the Baula-Nuasahi complex, India, and other alkaline PGE-rich porphyries. *The Canadian Mineralogist*, 43, 4, 1355-1372.
25. von Quadt, A., Peytcheva, I., Fanger, L., Heinrich, C. 2005. The Elatsite porphyry Cu-Au deposit, Bulgaria: Ore deposit: Lat. 42° 45' N, Long. 24° 02' E. *Ore Geology Reviews*, 27, 1-4, 128-129.
26. von Quadt, A., Moritz, R., Peytcheva, I., Fanger, L., Heinrich, C. 2005. Geochronology and geodynamics of Late Cretaceous magmatism and Cu-Au mineralization in the Panagyurishte region of the Apuseni-Banat-Timok-Srednogorie belt, Bulgaria. *Ore Geology Reviews*, 27, 1-4, 95-126.
27. Yigit, O. 2006. Gold in Turkey - A missing link in Tethyan metallogeny. *Ore Geology Reviews*, 28, 295-126.
28. Grabezhev, A.I. 2007. Rhenium in ores of porphyry copper deposits in the Urals. *Doklady Earth Sciences* 413, 1, 265-268.
29. Wang, M., Deng, X., Bi, S., Li, Z. 2009. Palladium, Platinum and Gold Concentrations in Fengshan Porphyry Cu-Mo Deposit, Hubei Province, China. *Acta Geologica Sinica*, 83, 5, 893-901.
30. Pašava, J., Vymazalová, A., Košler, J., Koneev, R.I., Jukov, A., Khalamatov, R.A. 2010. Platinum-group elements in ores from the Kalmakyr porphyry Cu-Au-Mo deposit, Uzbekistan: Bulk geochemical and laser ablation ICP-MS data. *Mineralium Deposita* 45, 5, 411-418.
31. Wang, M. 2010. Research Status and Prospect of Determination of Platinum Group Elements. *Rare metal materials and engineering*. 39, 12, 2255-2261.
32. Fan, H-R., Hu, F-F., Wilde, S.A., Yang, K-F., Jin, C-W.. 2011. The Qiyugou gold-bearing breccia pipes, Xiong'ershan region, central China: Fluid-inclusion and stable-isotope evidence... *International Geology Review* 53, 1, 25-45.
33. LeFort, D., Hanley, J., Guillong, M., 2011. Subepithermal Au Pd mineralization associated with an alkalic porphyry Cu Au deposit, Mount Milligan, Quesnel Terrane, British Columbia, Canada. *Econ. Geol.* 106, 781.
34. Yao, J., Ni, P., Zhao, K.-D., Wang, H.-T. 2012. Evolution of ore-forming fluids in the tongchang porphyry copper deposit, dexing, northeast Jiangxi Province *Bulletin of Mineralogy Petrology and Geochemistry*, 31, 2, 97-104.

35. He, W., Yu,X. Mo,X,He,Z.,Li,Y.,Huang,X,Su,G..2012.Genetic types and the relationship between alkali- Rich intrusion and mineralization of Beiya gold-polymetallic ore field, western Yunnan Province, China.*Acta Petrologica Sinica*,28,5,1401-1412.
36. Wang,M.,Gutzmer,J.,Michalak,P.,Guo,X.,Xiao,F.,Wang,W.,Liu,K.2014.PGE geochemistry of the Fengshan porphyry-skarn Cu–Mo deposit, Hubei Province, Eastern China.*Ore Geology Reviews*,56,1-12.
37. Eliopoulos, D.G., Economou-Eliopoulos M., Zelyaskova-Panayiotova, M.2014. Critical Factors Controlling Pd and Pt Potential in .Porphyry Cu–Au Deposits: Evidence from the Balkan Peninsula. *Geosciences (Switzerland)* 4,1,31-49.
38. Stefanova,E., Driesner,T., Zajacz,Z., Heinrich,C.A., Petrov,P., Vasilev,Z.2014.Melt and Fluid Inclusions in Hydrothermal Veins: The Magmatic to Hydrothermal Evolution of the Elatsite Porphyry Cu-Au D... 1Melt and Fluid Inclusions in Hydrothermal Veins: The Magmatic to Hydrothermal Evolution of the Elatsite Porphyry Cu-Au Deposit, Bulgaria. *Economic Geology*, v. 109, pp. 1359–138.
39. He,X.,Zhong,H.,Zhu,W.,Bai,Z.,Hu,W.2014.Enrichment of Platinum-group Elements (PGE) and Re-Os Isotopic Tracing for Porphyry Copper (Gold) Deposits.*Acta Geologica Sinica*,88,4.
40. Cioacă,M.E, Munteanu, M., Qi,L.,Costin.G.2014.Trace element concentrations in porphyry copper deposits from Metaliferi Mountains, Romania: A reconnaissance study. *Ore Geology Reviews*,63,22-39.
41. Bonev,I.,Petrunov,R.,Atanasova,R.2005.Filamentary native gold from the Elatsite porphyry Cu-Au deposit, Srednogorie zone, Bulgaria.*Geochem. Miner. and Petrol.*, 42. 26-34.
42. Georgiev .2008.A genetic model of the Elatsite porphyry copper deposit, Bulgaria.*Geochem, Mineral. Petrol*,46, 143-160.
43. menov,B.K.,Yanev,Y.,Nedialkov,R.,Moritz,R.,Peytcheva,I., von Quadt, A., Stoykov,S.,Zartova,A.2007Petrology of Upper Cretaceous island-arc ore-magmatic centersfrom Central Srednogorie, Bulgaria: Magma evolution and paths. *Geochem. Miner. and Petrol.*, 45. 39-77.
44. Bonev, I.K.2005.Genesis of filamentary crystals of galena and native gold. 80 years Bulg.GeoSoc.Proc. of the Jubilee Internat.Conf.,Sofia,67-70.

**3. Kehayov R, Bogdanov K, Fanger L, von Quadt A, Pettke T, Heinrich CA.2003. The fluid chemical evolution of the Elatiste porphyry Cu-Au-PGE deposit, Bulgaria. In: Mineral Exploration and Sustainable Development. Eliopoulos DG (ed) Rotterdam, Millpress, 1173-1176.**

#### **13 ЧИТАТА:**

1. Handler, R.; Neubauer, F.; Velichkova, S.H.; Ivanov, Z. 2004. 40Ar/39Ar age constraints on the timing of magmatism and post-magmatic cooling in the Panagyurishte region, Bulgaria. *Swiss Bulletin of Mineralogy and Petrology*, 84, 1, 119-132.
2. Bonev, I.K., R. Petrunkov, R. Atanassova. 2005. Filamentary native gold from the Elatsite porphyry Cu-Au deposit, Srednogorie zone, Bulgaria. *Geochem. Mineral. Petrol* .Au-Ag-Te-Se deposits, IGCP Project 486, Proceedings, 2005 Field Workshop, N. J. Cook, I. K. Bonev (eds.), Kiten, 26-34.
3. Pokrovski, G. S., Borisova,A.Y., Bychkov,A.Y. 2013.Speciation and transport of metals and metalloids in geological vapors."Reviews in Mineralogy and Geochemistry".76,1,165-218.
4. Pokrovski, G.S., Akinfiev, N.N., Borisova, A.Y., Zотов, A.V. , Kouzmanov, K. 2014. Gold speciation and transport in geological fluids: insights from experiments and physical-chemical modelling. *Geological Society, London, Special Publications*, 402,1,9-70.
5. Asghari, O., Hezarkhani, A. and Soltani, F., 2009. The comparison of alteration zones in the Sungun porphyry copper deposit, Iran (based on fluid inclusion studies). *Acta Geol Pol*, 59,1, 93-109.
6. Asghari O, Hezarkhani A. 2008. Applying discriminant analysis to separate the alteration zones within the Sungun porphyry copper deposit. *Journal of Applied Sciences*. 24,4472-86.
7. Franchini, M., Impiccini, A., Meinert, L., Grathoff, G. ,Schalamuk, I.B. 2007. Clay mineralogy and zonation in the Campana Mahuida Porphyry Cu deposit, Neuquén, Argentina: Implications for porphyry Cu exploration.*Economic Geology*, 102,1,27-54.
8. Georgiev, G. 2008. A genetic model of the Elatsite porphyry copper deposit, Bulgaria. *Geochemistry, Mineralogy and Petrology, Sofia*, 48, pp.143-160.
9. Kruszewski, J.M. , Wood, S.A. 2009. Experimental measurement of the solubility of bismuth phases in water vapor from 220° C to 300° C: Implications for ore formation.*Applied Geochemistry*, 24,4, 493-503.
10. Eliopoulos, D.G., Economou-Eliopoulos, M. , Zelyaskova-Panayiotova, M. 2014. Critical factors controlling Pd and Pt potential in porphyry Cu–Au deposits: evidence from the Balkan Peninsula. *Geosciences*, 4,1, 31-49.
11. Dill, H.G., Dohrmann, R., Kaufhold, S. , Çiçek, G. 2015. Mineralogical, chemical and micromorphological studies of the argillic alteration zone of the epithermal gold deposit Ovacık, Western Turkey: Tools for applied and genetic economic geology. *Journal of Geochemical Exploration*,148, pp.105-127.

12. Maydagán, L., Franchini, M., Rusk, B., Lentz, D.R., McFarlane, C., Impiccini, A., Ríos, F.J. , Rey, R. 2015. Porphyry to Epithermal Transition in the Altar Cu-(Au-Mo) Deposit, Argentina, Studied by Cathodoluminescence, LA-ICP-MS, and Fluid Inclusion Analysis. *Economic Geology*, 110,4, pp.889-923.
13. Archibald, S.M. , Piercy, S.J., 2015. Current Perspectives on Zinc Deposits.Irish Assoc.Econ.GeoL.21pp.

4. **Kouzmanov K, Ramboz C, Bailly L, Bogdanov K. 2004. Genesis of high-sulphidation vinciennite-bearing Cu-As-Sn ( $\pm$ Au) assemblage from the Radka epithermal copper deposit, Bulgaria: Evidence from mineralogy and infrared microthermometry of enargite. Canad. Mineral. 42,1511-1521.**

**11 цитата:**

1. Cook, N.J., Ciobanu, C.L., Danyushevsky, L.V., Gilbert, S. 2011. Minor and trace elements in bornite and associated Cu-(Fe)-sulfides: A LA-ICP-MS study. *Geochimica et Cosmochimica Acta*, 75,21,6473-6496.
  2. Ríos, F.J., Alves, J.V., Pérez, C.A., Costa, É.C., Rosière, C.A., Fuzikawa, K., Neves, J.M.C., Chaves, A.D.O., Prates, S.P. and de Barrio, R.E., 2006. Combined investigations of fluid inclusions in opaque ore minerals by NIR/SWIR microscopy and microthermometry and synchrotron radiation X-ray fluorescence. *Applied geochemistry*, 21,5,813-819.
  3. Wei, W., Hu, R., Bi, X., Peng, J., Su, W., Song, S. and Shi, S. 2012. Infrared microthermometric and stable isotopic study of fluid inclusions in wolframite at the Xihuashan tungsten deposit, Jiangxi province, China. *Mineralium Deposita*, 47(6),589-605.
  4. Chambefort, I. and Moritz, R. 2006. Late Cretaceous structural control and Alpine overprint of the high-sulfidation Cu-Au epithermal Chelopech deposit, Srednogorie belt, Bulgaria. *Mineralium Deposita*, 41(3),259-280.
  5. Plotinskaya, O.Y., Grabezhiev, A.I., Groznova, E.O., Seltmann, R. and Lehmann, B. 2014. The Late Paleozoic porphyry-epithermal spectrum of the Birgilda-Tomino ore cluster in the South Urals, Russia. *Journal of Asian Earth Sciences*, 79, 910-931.
  6. Repstock, A., Voudouris, P. and Kolitsch, U. 2015. New occurrences of watanabeite, colusite, "arsenosulvanite" and "Cu-excess" tetrahedrite-tennantite at the Pefka high-sulfidation epithermal deposit, northeastern Greece. *Neues Jahrbuch für Mineralogie-Abhandlungen: Journal of Mineralogy and Geochemistry*, 192,2, 135-149.
  7. Repstock, A., Voudouris, P., Zeug, M., Melfos, V., Zhai, M., Li, H., Kartal, T. and Matuszcak, J. 2015. Chemical composition and varieties of fahlore-group minerals from Oligocene mineralization in the Rhodope area, Southern Bulgaria and Northern Greece. *Mineralogy and Petrology*, pp.1-21.
  8. Liu, W., Liu, Y., Qiu, X. and Chen, Y. 2014. Mineralogy of Tin-Sulfides in the Zijinshan Porphyry-Epithermal Deposit System, Fujian Province, China. *Acta Geologica Sinica (English Edition)*, 88,2, 1468-1469.
  9. Wenyuan, L., Cook, N.J., Ciobanu, C.L., Yu, L., Xiaoping, Q. and Yuchuan, C. 2016. Mineralogy of tin-sulfides in the Zijinshan porphyry-epithermal system, Fujian Province, China. *Ore Geology Reviews*, 72, 682-698.
  10. Moritz, R., Benkhelfa, F. 2009. Fluids in High-Sulfidation Epithermal Ore Deposits: Constraints from Infrared Microthermometry of Enargite-Hosted Fluid Inclusions. In: Williams, P., et al. (Eds.), Smart Science for Exploration and Mining, Proceedings of 10th Biennial SGA Meeting, Townsville, Australia, August 2009, 533–535.
  11. Ríos J, Alves J, Perez C, Costa E, Rosiere C, Fuzikawa K,Correia Neves J, Chaves A, Prates S, de Barrio R 2006. Combined investigations of fluid inclusions in opaque ore minerals by NIR/SWIR microscopy and microthermometry and synchrotron radiation X-ray fluorescence. *Appl. Geochem.* 21,813-819.
5. **Bogdanov, K., Tsonev,D. Kuzmanov, K. 1997. Mineralogy of gold in Elshitsa massive sulphide deposit, Sredna Gora zone, Bulgaria. Mineral. Depos. 32, 219-229.**

**9 цитата:**

1. Plotinskaya, O. Yu., Kovalenker, V. A. . Seltmann, R., Stanley C. J. 2006. Te and Se mineralogy of the high-sulfidation Kochbulak and Kairagach epithermal gold telluride deposits (Kurama Ridge, Middle Tien Shan, Uzbekistan). *Mineralogy and Petrology*, Volume 87, Number 3-4, Page 187. DOI: 10.1007/s00710-006-0130-z
2. von Quadt,A.,Driesner,T.,Heinrich,C.A. 2004. Geodynamics and Ore Deposit Evolution of the Alpine-Carpathian-Balkan-Dinaride Orogenic System. *Swiss Journal of Geosciences Supplement*.84,1.
3. Plotinskaya, O. Yu., Rusinov,,V.,Kovalenker, V. A. . Seltmann, R..2005.Oscillatory zonning in goldfieldites as a possible indicator of their formation conditions. *Geochem. Mineral. Petrol .Au-Ag-Te-Se deposits*, IGCP Project 486, Proceedings, 2005 Field Workshop, N. J. Cook, I. K. Bonev (eds.), Kiten, 142-147.
4. von Quadt,A., Moritz,R.,Peytcheva,I.,Heinrich,C.A..2005. Geochronology and geodynamics of Late Cretaceous magmatism and Cu-Au mineralization in the Panagyurishte region of the Apuseni-Banat-Timok-Srednogorie belt, Bulgaria. *Ore Geology Reviews*, 2005, Volume 27, Number 1-4, Page 95. DOI: 10.1016/j.oregeorev.2005.07.024

5. Ciobanu,C.L.,Cook,N.J.,Stein,H.2002.Regional setting and geochronology of the Late Cretaceous Banatitic Magmatic and Metallogenetic Belt. *Mineralium Deposita*. 37,6,541-567 .
6. Pirri,I.V..2002.On the occurrence of selenium in sulfides of the ore deposit of Baccu Locci (Gerrei, SE Sardinia). *Neues Jahrbuch für Mineralogie – Monatshefte*,5,207-224.
7. Darwish,M.A.G..2012.Scanning electron microscopy and energy-dispersive X-ray investigations of gold grains in quartz veins from the Seiga gold mine, south Egypt.Journal: *Microchemical Journal*,Vol.102, Page 38.DOI: 10.1016/j.microc.2011.11.006
8. .Darwish, M.A.G....2014.Microchemical Characterization of Natural Gold and Copper Alloys from the Ancient Um Shashoba Gold Mine, South Egypt.· *Acta Geologica Sinica* .Volume 88, Number 1, Page 196. DOI: 10.1111/1755-6724.12191
9. .Hughes, H.S.R., McDonald,J., Faithfull,J.W.,Upton,B.J.,Loocke,M.2015.Cobalt and precious metals in sulphides of peridotite xenoliths and inferences concerning their distribution according to geodynamic environment: A case study from the Scottish lithospheric mantle. *Lithos*, DOI: 10.1016/j.lithos.2015.11.007

6. **Kouzmanov, K., Moritz, R., von Quadt, A., Chiaradia, M., Peytcheva, I., Fontignie, D., Ramboz, C., Bogdanov, K., 2009. Late Cretaceous porphyry Cu and epithermal Cu-Au association in the Southern Panagyurishte District, Bulgaria: the paired Vlaykov Vruh and Elshitsa deposits. *Mineral. Depos.*, 44, 611–646.**

#### **8 цитата:**

1. Cooke, D.R., P. Hollings, J.J. Wilkinson and R.M. Tosdal.2014Treatise on Geochemistry, Page 357.DOI: 10.1016/B978-0-08-095975-7.01116-5
  2. Hossein Kouhestani, Majid Ghaderi, Khin Zaw, Sebastien Meffre and Mohammad Hashem Emami. 2012.Geological setting and timing of the Chah Zard breccia-hosted epithermal gold–silver deposit in the Tethyan belt of Iran.*Mineralium Deposita*, , Volume 47, Number 4, Page 425.DOI: 10.1007/s00126-011-0382-3
  3. Krismer, M., G., Vavtar, F., Tropper,P., Sartory, B., Kandl, R., 2011. Mineralogy, mineral chemistry and petrology of the Ag-bearing Cu-Fe-Pb-Zn sulfide mineralizations of the Pfunderer Berg (South Tyrol, Italy. *Austrian Journal of Earth Sciences*,104,36-48.
  4. Huseyin Yilmaz, Tolga Oyman, F. Nuran Sonmez, Greg B. Arehart and Zeki Billor. 2010.Intermediate sulfidation epithermal gold-base metal deposits in Tertiary subaerial volcanic rocks, Sahinli/Tespih Dere (Lapseki/Western Turkey). *Ore Geology Reviews*, , Volume 37, Number 3-4, Page 236.DOI: 10.1016/j.oregeorev.2010.04.001.
  5. Intermediate sulfidation epithermal Pb-Zn-Cu ( $\pm$ Ag-Au) mineralization at Cheshmeh Hafez deposit, Semnan province, Iran Behzad Mehrabi and Majid Ghasemi Siani *Journal: Journal of the Geological Society of India*, 2012, Volume 80, Number 4, Page 563.DOI: 10.1007/s12594-012-0177-x
  6. Zekkiye Karacik and Okan Tüysüz .2010.Corrigendum to “Petrogenesis of the Late Cretaceous Demirköy Igneous Complex in the NW Turkey: Implications for magma genesis in the Strandja Zone” [Lithos 114 (2010), 369–384].*Lithos*, , Volume 117, Number 1-4, Page 331.DOI: 10.1016/j.lithos.2010.03.010
  7. Jinxiang Li, Kezhang Qin, Guangming Li, Bo Xiao, Junxing Zhao and Lei Chen. 2011.Magmatic-hydrothermal evolution of the Cretaceous Duolong gold-rich porphyry copper deposit in the Bangongco metallogenic belt, Tibet: Evidence from U-Pb and 40Ar/39Ar geochronology. *Journal of Asian Earth Sciences*, , Volume 41, Number 6, Page 525. DOI: 10.1016/j.jseae.2011.03.008
  8. Zekkiye Karacik and Okan Tüysüz.2010.Petrogenesis of the Late Cretaceous Demirköy Igneous Complex in the NW Turkey: Implications for magma genesis in the Strandja Zone.*Lithos*, , Volume 114, Number 3-4, Page 369. DOI: 10.1016/j.lithos.2009.09.012
7. **Bonev, N.,Dilek,Y.,Hanchar,J.M.,Bogdanov,K.,Klein,L. 2011. Nd–Sr–Pb isotopic composition and mantle sources of Triassic rift units in the Serbo-Macedonian and the western Rhodope massifs (Bulgaria–Greece). *Geol. Mag.*149,1,146-152.**

#### **7 цитата:**

1. Stergiou ,C.,Melfos,V., Voudouris ,P. Michailidis,K., Spry, P., Chatzipetros ,A.2016.Hydrothermal alteration and structural control of the Vathi porphyry Cu-Au-Mo-U ore system, Kilkis district, N. Greece.In: *Scientific Annals of the School of Geology*, Special Volume 105, Publisher: School of Geology, Aristotle University of Thessaloniki, Greece.,69-74.
2. Georgiev,S., Balkanska,E., Gerdjikov,J.2013.Evidence for Permian-Triassic acid magmatism in the Central Balkanides. *Bulg.Geol.Soc. Nat.Conf. Geosciences* 2013,Proc.23-24.

3. Melfos V. Voudouris P. 2012. Geological, mineralogical and geochemical aspects for critical and rare metals in Greece. *Minerals*, 2, 300-317.
4. Honarmand, M., Omran, N.R., Neubauer, F., Emami, M.H., Nabatian, G., Liu, X.M., Dong, Y.P., von Quadt, A., Chen, B. 2014. Laser-ICP-MS U-Pb zircon ages and geochemical and Sr-Nd-Pb isotopic compositions of the Niyasar plutonic complex, Iran: constraints on petrogenesis and tectonic evolution. *International Geology Review* 56, 104–132.
5. Fu,B., Bröcker,M., Ireland,T., Leslie, P. J., Kinsley,P.H.2014.Zircon U-Pb, O, and Hf isotopic constraints on Mesozoic magmatism in the Cyclades, Aegean Sea, Greece. *International Journal of Earth Sciences* 104,1,75-87 .
6. Castorina, F., Koroneos A., Masi,U., Eleftheriadis, G..2014.Geochemical and Sr-Nd isotopic evidence for origin and evolution of the Miocene Pangeon granitoids, Southern Rhodope, Greece,  *International Geology Review* 56,5, DOI: 10.1080/00206814.2014.883490.
7. Honarmand, M., Omran, N.R., Neubauer, F., Nabatian, G., Emami, M.H., von Quadt, A Dong, Y.P., Bernroider,M. 2014. Geochemistry of Enclaves and Host Granitoids from the Kashan Granitoid Complex, Central Iran: Implications for Enclave Generation by Interaction of Cogenetic Magmas. *Journal of Earth Science* 26,5. DOI: 10.1007/s12583-015-0584-1
8. Dekov, V.M., Z.K. Damyanov, G.D. Kamenov, I.K. Bonev, K.B. Bogdanov. 1999. Native copper and α-copper-zinc in sediments from the TAG 8 hydrothermal field (Mid-Atlantic Ridge, 26°N): Nature and origin. *Marine Geol.*, 161, 229-245.

#### **7 цитата:**

1. Wu,Z.,Sun,X., Xu, H.,Konishi,H.Wang,Y., Wang, Yingzhi Dai, Xiguang Deng, Miao Yu.2016. Occurrences and distribution of “invisible” precious metals in sulfide deposits from the Edmond hydrothermal field, Central Indian
2. Ikehata,K., Hirata,T.2012.. Copper isotope characteristics of copper-rich minerals from the horoman peridotite complex, Hokkaido, Northern Japan. *Economic Geology* 107,7,1489-1497.
3. Fouquet, Y., Cambon, P., Etoubleau, J., Charlou, J. L., OndréAs, H., Barriga, F. J. A. S., Cherkashov, G., Semkova, T., Poroshina, I., Bohn, M., Donval, J. P., Henry, K., Murphy, P. and Rouxel, O. 2010. Geodiversity of Hydrothermal Processes Along the Mid-Atlantic Ridge and Ultramafic-Hosted Mineralization: a New Type Of Oceanic Cu-Zn-Co-Au Volcanogenic Massive Sulfide Deposit, in Diversity of Hydrothermal Systems on Slow Spreading Ocean Ridges (eds P. A. Rona, C. W. Devey, J. Dyment and B. J. Murton), American Geophysical Union, Washington, D. C.. doi: 10.1029/2008GM000746
4. Wulser, P. A Brugger,J., Foden,J., Pfeifer, H. R..2011. The sandstone-hosted Beverley uranium deposit, Lake Frome Basin, South Australia: mineralogy, geochemistry, and a time-constrained model for its genesis. *Economic Geolog* ,5 835-867.
5. Prakongkep,N., Sudhiprakarn,A., Kheoruenromne,I., Gilkes,R.J.2010.SEM image analysis for characterization of sand grains in Thai paddy soils. *Geoderma*,156, 1–2, 20–31.
6. Iyer,S.D., Mascarenhas-Pereira, M.B.L ,Nath,B.N..2007.Native aluminium (spherules and particles) in the Central Indian Basin sediments: Implications on the occurrence of hydrothermal events. *Marine Geology*Volume 240, Issues 1–4, 5 June 2007, Pages 177–184.
7. Зидаров, Н., Зидарова,Б.2005. Минерални системи – състав, условия и процеси на възникване, трансформация и взаимодействие Юбилеен сборник 10 години Централна лаборатория по минералогия и кристалография „Акад. Иван Костов“ към БАН, София, 23-32.
9. Kouzmanov K, Ramboz C, Lerouge C, Deloule E, Beaufort D, Bogdanov K. 2003. Stable isotopic constrains on the origin of epithermal Cu-S ( $\pm$ Au, Ag) and related porphyry copper mineralisations in the southern Panagyurishte district, Srednogorie zone, Bulgaria. In:7<sup>th</sup> Biennial SGA meeting. August 24–28, Athens, Greece, Abs. Vol., Eliopoulos et al. (eds), p. 1181 – 1184.

#### **6 цитата:**

1. Handler, R.; Neubauer, F.; Velichkova, S.H.; Ivanov, Z.2004.40Ar/39Ar age constraints on the timing of magmatism and post-magmatic cooling in the Panagyurishte region, Bulgaria. *Swiss Bulletin of Mineralogy and Petrology*, 84, 1, 119-132.
2. Heinrich,C.A.2005 The physical and chemical evolution of low-salinity magmatic fluids at the porphyry to epithermal transition: a thermodynamic study. *Mineralium Deposita*,39, 8, 864-889.
3. von Quadt,A.,Moritz,R.,Peytcheva,I.Fanger,L.,Heinrich,C.2005. Geochronology and geodynamics of Late Cretaceous magmatism and Cu–Au mineralization in the Panagyurishte region of the Apuseni–Banat–Timok–Srednogorie belt, Bulgaria. *Ore Geology Reviews*,27,1-4,95-126.

4. Yilmaz,H.,Oyman,T., Sonmez, F.N., Arehart,G.B.,Billor,Z.2010. Intermediate sulfidation epithermal gold-base metal deposits in Tertiary subaerial volcanic rocks, Sahinli/Tespih Dere (Lapseki/Western Turkey). *Ore Geology Reviews*,37, 3–4, 236–258.
  5. Wang,G-G,Pei,N.,Wang,R-C.,Zhao,K-D,Chen,H.,Ding,J-Y,Zhao,C.,Ca,Y-T.2013. Geological, fluid inclusion and isotopic studies of the Yinshan Cu–Au–Pb–Zn–Ag deposit, South China: Implications for ore genesis and exploration. *Journal of Asian Earth Sciences*,74, 343–360.
  6. Kouhestani, H., Ghaderi,M., Chang,Z.,Zaw,K.2015. Constraints on the ore fluids in the Chah Zard breccia-hosted epithermal Au-Ag deposit, Iran: Fluid inclusions and stable isotope studies. *Ore Geology Reviews*,65,512-521.
  
  10. **Peytcheva I, von Quadt A, Kouzmanov K, Bogdanov, K., 2003. Elshitsa and Vlaykov Vruh epithermal and porphyry Cu (-Au) deposits of Central Srednogorie, Bulgaria: source and timing of magmatism and mineralisation.** In: *7<sup>th</sup> Biennial SGA meeting “Mineral Exploration and Sustainable Development” August 24–28, Athens, Greece, Abs. Vol., Eliopoulos et al. (eds), p. 371 – 373.*
- 6 цитата:**
1. Augé, T., Petrunov,R.,Bailly,L.2005. On the origin of PGE mineralization in the Elatsite porphyry Cu-Au deposit, Bulgaria: comparision with the Baula-Nuasahi complex, India, and other alkaline PGE-rich porphyries. *The Canadian Mineralogist*, 43,4,1355-1372
  2. Marchev, P., Kaiser-Rohrmeier, M., Heinrich, C., Ovtcharova, M., von Quadt, A., Raicheva, R. 2005. Hydrothermal ore deposits related to post-orogenic extensional magmatism and core complex formation: The Rhodope Massif of Bulgaria and Greece. *Ore Geology Reviews*, 27,1, 53-89.
  3. Handler, R., Neubauer, F., Velichkova, S.H., Ivanov, Z. 2004.  $^{40}\text{Ar}/^{39}\text{Ar}$  age constraints on the timing of magmatism and post-magmatic cooling in the Panagyurishte region, Bulgaria. *Swiss Bulletin of Mineralogy and Petrology*, 84,1,119-132.
  4. Moritz, R., Kouzmanov, K., Petrunov, R. 2004. Late Cretaceous Cu–Au epithermal deposits of the Panagyurishte district, Srednogorie zone, Bulgaria. *Swiss Bulletin of Mineralogy and Petrology*, 84,179-99.
  5. Georgiev, N., Henry, B., Jordanova, N., Jordanova, D., Naydenov, K. 2014. Emplacement and fabric-forming conditions of plutons from structural and magnetic fabric analysis: A case study of the Plana pluton (Central Bulgaria). *Tectonophysics*, 629,138-154.
  6. Зидаров, Н. ,Зидарова, Б.2005. Минерални системи-състав, условия и процеси на възникване, трансформация и взаимодействие.Юбилеен сборник, 10,23-32.
- 
11. **Bogdanov, K., Ciobanu, C.L., Cook, N.J. 2004. Porphyry-epithermal Bi-Te-Se assemblages as a guide for gold ore enrichment.** In: *Au-Ag-telluride deposits of the Golden Quadrilateral, Apuseni Mt., Romania. Intern. Field Workshop of IGCP project 486, Alba Iulia, Romania, Ext. Abs., 211-214.*
- 5 цитата:**
1. Voudouris,P.,Melfos,V.2006. Bismuth sulphosalts and silver tellurides in the Pagoni Rachi porphyry-Cu-Mo prospect, western Thrace (NE Greece). Proceedings of IGCP Project 486, Field Workshop, Au - Ag - Te - Se deposits. Izmir, Turkey, 24 - 29 September, 2006 ,159-166.
  2. Voudouris P, Spyri PG, Melfos V, Alfieris D (2007) Tellurides and bismuth sulfosalts in gold occurrences of Greece: mineralogy and genetic considerations. *Geol. Survey Finland Guide* 53: 85-94.
  3. Нагорная, Е.В. Бакшееев, И.А. Николаев, Ю.Н. Калько И.А.2011. Минералы системы Au-Ag-Te-Se-S медно-молибден-порфировых месторождений рудного поля Находка, Чукотка. Научная конференция Ломоносовские чтения, ноябрь 2011 года Секция Геология..
  4. Voudouris, P.2006. A comparative mineralogical study of Te-rich magmatic-hydrothermal systems in northeastern Greece. *Mineralogy and Petrology*, 87, 3, 241-275.
  5. Nagornaya,E.V.,Baksheev,I.A.,Brygzalov,I.A.,YapaskurtV.O.2012. Minerals of the Au-Ag-Pb-Te-Se-S system of porphyry-copper-molybdenum deposits from the Nakhodka ore field, Chukchi Peninsula, Russia. *Moscow Univ.Geo.Bull.*,67,4,233-239.
- 
12. **Kouzmanov, K., Bogdanov, K., Ramboz, C., 2005, Te-and Bi-bearing minerals in the Elshitsa and Radka epithermal deposits, Central Srednogorie, Bulgaria: Mineralogy and genetical features.** In: *Cook N. and Bonev I. (eds), Au-Ag-Te-Se deposits, Geochem. Mineral. Petrol. 43: 108-112.*

**5 цитата:**

- Voudouris,P.,Melfos,V.2006. Bismuth sulphosalts and silver tellurides in the Pagoni Rachi porphyry-Cu-Mo prospect, western Thrace(NE Greece). Proceedings of IGCP Project 486, Field Workshop, Au - Ag - Te - Se deposits. Izmir, Turkey, 24 - 29 September 2006 ,159-166.
- Voudouris, P.,Spry,P.,Melfos,V.Alferis,D.2007.Tellurides and bismuth sulfosalts in gold occurrences of Greece: mineralogical and genetic considerations. Geologian tutkimuskeskus, Opas 53 – Geological Survey of Finland, Guide 53, 2007,85-94.
- Zaykov,V.,Novoselov,K.,Kotlyarov,V.2006.Native gold and tellurides min the Morgul and Cayeli volcanicogenic Cu deposits (Turkey).Proceedings of IGCP Project 486, Field Workshop, Au - Ag - Te - Se deposits. Izmir, Turkey, 24 - 29 September 2006 ,167-172.
- Liu, J., Zhao,S.,Cook,N.J.,Bai,X,Zhang,Z.,Zhao,Z.,Zhao,H,Lu,J.2013.Bonanza-grade accumulations of gold tellurides in the Early Cretaceous Sandawanzi deposit, northeast China. Ore Geology Reviews,54,110–126.
- Cook NJ, Ciobanu CL, Spry PG, Voudouris P, and the participants of the IGCP-486 (2009) Understanding gold-(silver)-telluride-(selenide) mineral deposits. Episodes, 32,4 249-263.

- 13. Melfos, V., Vavelidis, M., Bogdanov, K., 2003. Occurrence, mineralogy and chemical composition of primary gold from Tertiary ore mineralization in the Rhodope Massif (Greece–Bulgaria). In:Eliopoulos, D., et al., (Eds.), *Mineral Exploration and Sustainable Development*. Millpress, Rotterdam, pp. 1201– 1204.**

**5 цитата:**

- Peter Marchev , Majka Kaiser-Rohrmeier, Christoph Heinrich, , Albrecht von Quadt, Maria Ovtcharova Hydrothermal ore deposits related to post-orogenic extensional magmatism and core complex formation: The Rhodope Massif ...Article · Nov 2005 · Ore Geology Reviews 27 (2005) 53–89
- P. Voudouris. 2006. A comparative mineralogical study of Te-rich magmatic-hydrothermal systems in northeastern Greece Jul 2006 · Mineralogy and Petrology
- Балтов,И.,Дончев,И.2012. Георесурси и технологии за преработка на златни и златосъдържащи руди в България.Изд. Геол. и минер. ресурси.С,298с.
- Voudouris, P.,Papavassiliou,C.,Alferis,D.,Falakas,G.2007.Gold-silver tellurides and bismuth sulfosalts in the high-intermediate sulfidation Perama Hill deposit, western Tharce (NE Greece). 2007.Geologian tutkimuskeskus, Opas 53 – Geological Survey of Finland, Guide 53, 77-84.
- Ovtcharova, M., von Quadt, A. and Raicheva, R. 2005. Hydrothermal ore deposits related to post-orogenic extensional magmatism and core complex formation: The Rhodope Massif of Bulgaria and Greece. *Geodynamics and Ore Deposit Evolution in Europe*, 27, 53.

- 14. Bogdanov, K., Filipov, A., Kehayov, R., 2005. Au Ag Te Se minerals in the Elatsite porphyry copper deposit, Bulgaria. *Geochem. Mineral. Petrol.* 43, 13–19.**

**4 цитата:**

- Mingjian Cao,, Kezhang Qin, Guangming Li Luying Jin , Noreen J. Evans, Xiangrong Yang 2014 Baogutu: An example of reduced porphyry Cu deposit in western Junggar Ore Geology Reviews 56, 159–180.
- Нагорная, Е.В. Бакшееев, И.А. Николаев, Ю.Н. Калько И.А.2011. орная, Е.В. Бакшееев, И.А. Николаев, Ю.Н. Калько И.А.2011. Минералы системы Au-Ag-Te-Se-S медно-молибден-порфировых месторождений рудного поля Находка, Чукотка. Научная конференция Ломоносовские чтения, ноябрь 2011 года Секция Геология
- Gunn,G.,Benham,A.,Minks,A.2009.Platinum.British Geol.Survey. Commodity Profiles Report.1-32.
- Bonev,I.,Petrunov,R.,Atanasova,R.2005.Filamentary native gold from Elatsite porphyry Cu-Au deposit, Srednogorie zone,Bulgaria. *Geochem. Mineral. Petrol.* 43,26-34.

- 15. Ciobanu, C.L., Cook, N.J., Bogdanov, K., Kiss, O. and Vuckovic, B. 2003. Gold enrichment in deposits of the Banatitic Magmatic and Metallogenetic Belt, southeastern Europe. *Mineral exploration and sustainable development*. Millpress, Rotterdam,,1153-1156.**

**4 цитата:**

- von Quadt, A., Moritz, R., Peytcheva, I. ,Heinrich, C.A. 2005.Geochronology and geodynamics of Late Cretaceous magmatism and Cu–Au mineralization in the Panagyurishte region of the Apuseni–Banat–Timok–Srednogorie belt, Bulgaria. *Ore Geology Reviews*, 27,1 ,95-126.
- Hart, C.J., Mair, J.L., Goldfarb, R.J.,Groves, D.I. 2004. Source and redox controls on metallogenic variations in intrusion-related ore systems, Tombstone-Tungsten Belt, Yukon Territory, Canada. *Transactions of the Royal Society of Edinburgh: Earth Sciences*, 95,1-2, 339-356.

3. Voudouris, P. 2006. A comparative mineralogical study of Te-rich magmatic-hydrothermal systems in northeastern Greece. *Mineralogy and Petrology*, 87, 3-4, .241-275.
4. Voudouris, P., Tarkian, M. , Arikas, K. 2006. Mineralogy of telluride-bearing epithermal ores in the Kassiteres-Sappes area, western Thrace, Greece. *Mineralogy and Petrology*, 87, 1-2, 31-52.

**16. Popov, P., Strashimirov, S., Popov, K., Kanazirski, M., Bogdanov, K., Raditchev, R., Dimovski, S., Stoykov, S. 2012. Geology and metallogeny of the Panagyurishte ore region. Sofia, University of Mining and Geology, 227 pp.**

**4 цитата:**

1. Hikov, A. 2013. Geochemistry of hydrothermally altered rocks from the Asarel porphyry copper deposit, Central srednogorie. *Geologica Balcanica* 42 ,1 – 3,3-28.
2. Georgieva, S. , Velinova, N. 2012. Alunite from the advanced argillic alterations in the Chelopech high-sulphidation epithermal Cu-Au deposit, Bulgaria: Chemistry, morphology and genetic significance. *Mineralogy and Petrology*, 49,17-31.
3. Gallhofer, D., Quadt, A.V., Peytcheva, I., Schmid, S.M. , Heinrich, C.A. 2015. Tectonic, magmatic, and metallogenetic evolution of the Late Cretaceous arc in the Carpathian-Balkan orogen. *Tectonics*, 34,9,1813-1836.
4. Georgieva, S., Velinova, N.2012. Florencite-(Ce, La, Nd) from the advanced argillic alterations in the Chelopech high-sulphidation epithermal Cu-Au deposit, Bulgaria. *Bulg.GeoL.Soc. Nat.Conf.Geosciences* 2012.,23-24.

**17. Strashimirov S., Bogdanov K., Popov K. and Kehanov R., 2003. Porphyry Systems of the Panagyurishte Ore Region. In: Bogdanov K. and Strashimirov S. (eds), *Cretaceous PorphyryEpithermal Systems of the Srednogorie Zone, Bulgaria*, SEG Guidebook Series, pp47-77.**

**4 цитата:**

1. Eliopoulos, D.G., Economou-Eliopoulos,M., Zelyaskova-Panayiotova,M.2014.Critical Factors Controlling Pd and Pt Potential in Porphyry Cu–Au Deposits: Evidence from the Balkan Peninsula. *Geosciences (Switzerland)* 4,1,31-49.
2. Georgi Georgiev .2008.A genetic model of the Elatsite porphyry copper deposit, Bulgaria.*Geochem, Mineral. Petrol*,46, 143-160.
3. Eliopoulos, D.G., Economou-Eliopoulos,M. 2013.Palladium and platinum in hydrothermal systems: the case of porphyry-Cu systems and sulfides associated with ophiolite complexes. *Bulletin of the Geological Society of Greece*, vol. XLVII 2013 Proceedings of the 13 th International Congress, Chania, Sept. 2013,3,1618-1627.
4. Economou-Eliopoulos, M., Tsoupas, G.,Kiousis, G. 2013. Exploration for Plati-num-group elements (PGE) in various geotec-tonic settings of Greece. Ed.) Emmanuel Skourtos, *The Geology of Greece-Part II, Journal of the Virtual Explorer, Electronic Edition*, ISSN, pp.1441-8142.

**18. Кехайов, Р., Богданов, К. 2005. Минерални асоциации на злато от медно-порфирирното находище Елаците. Год. СУ „Св. Кл. Охридски”, ГГФ, Гео.,, 98, 127 – 145.**

**3 цитата:**

1. Bonev, I.K., R. Petrunov, R. Atanassova. 2005. Filamentary native gold from the Elatsite porphyry Cu-Au deposit, Srednogorie zone, Bulgaria. *Geochem. Mineral. Petrol .Au-Ag-Te-Se deposits, IGCP Project 486, Proceedings, 2005 Field Workshop*, N. J. Cook, I. K. Bonev (eds.), Kiten, 26-34.
2. Bonev, I.K.2005.Genesis of filamentary crystals of galena and native gold. 80 years Bulg.GeoL.Soc.Proc. of the Jubilee Internat.Conf.,Sofia,67-70.
3. Georgiev .2008.A genetic model of the Elatsite porphyry copper deposit, Bulgaria *Geochem, Mineral. Petrol*,46, 143-160.

**19. Bogdanov, K., Filipov, A. 2006. Bi-Te mineral assemblages of gold in porphyry-epithermal systems: examples from the western segment of the Tethian-Eurasian copper belt. In: Proc. of IGCP Project 486, Field Workshop, Au - Ag - Te - Se deposits. Izmir, Turkey, 24 - 29 September 2006, 24-28.**

**2 цитата:**

1. Cook NJ, Ciobanu CL, Spry PG, Voudouris P, and the participants of the IGCP-486 (2009) Understanding gold-silver-telluride-(selenide) mineral deposits. *Episodes*, 32,4 249-263.

2. Voudouris P, Spry PG, Melfos V, Alfieris D .2007. Tellurides and bismuth sulfosalts in gold occurrences of Greece: mineralogy and genetic considerations. *Geol. Survey Finland Guide* 53, 85-94.
20. **Bogdanov,K.,Popov,K.2003.Cu-Au Epithermal Systems in the Southern Part of the Panagyurishte Ore Region, Bulgaria.** In: Bogdanov K. and Strashimirov S. (eds), *Cretaceous Porphyry Epithermal Systems of the Srednogorie Zone, Bulgaria, SEG Guidebook Series, 36, pp91-114.*

**2 цитата:**

1. Voudouris, P.C.; Melfos, V.; Spry, P.G.; Bindl, L.; Kartal, T.; Arikas, K.; Moritz, R.; Ortelli, M. Rhodium-rich molybdenite and rheniite in the Pagoni Rachis Mo-Cu-Te-Ag-Au prospect, Northern Greece: Implications for the Re Geochemistry of porphyry style Cu-Mo and Mo mineralization. *Can. Mineral.* 2009, 47, 1013–1036.
2. Voudouris, P., Melfos, V. 2006. Bismuth sulphosalts and silver tellurides in the Pagoni Rachis porphyry-Cu-Mo prospect, western Thrace(NE Greece). Proceedings of IGCP Project 486, Field Workshop, Au - Ag - Te - Se deposits. Izmir, Turkey, 24 - 29 September 2006 ,159-166.

21. **Jemmal, N. , Soussi, F. , Vennemann, T.,Spangerberg, J.E. , Villa, I.M. , Bogdanov, K. 2014. Geochemical constraints on the genesis of the Pb-Zn deposit of Jalta(northern Tunisia): Implications for timing of mineralization, sourcesof metals and relationship to the Neogene volcanism. *Chemie der Erde.* 74 , 601–613.**

**2 цитата:**

1. Boyce,A.2016. Rapports isotopiques du soufre, de l'oxygène et du carbone dans le massif de Boujaber: origine des minéralisations à Pb-Zn-Ba et source des fluides.Source OAI.
2. Laouar, R.,Sihem,S.L.,Sami, L.,Boyce, A.J., Kolli,O.,Boutaleb,A.,Fallick,A.E.2016.Fluid inclusion and stable isotope studies of the Mesloula Pb-Zn-Ba ore deposit, NE Algeria: Characteristics and origin of the mineralizing fluids. *Journal of African Earth Sciences* DOI: 10.1016/j.jafrearsci.2016.06.004.
22. Peycheva, I., Von Quadt, A., Kouzmanov, K., Bogdanov, K. 2003. Timing of magmatism and mineralization in Elshitsa and Vlaykov Vruh Cu (Au) deposits of Central Srednogorie, Bulgaria: constraints from U-Pb zircon and rutile geochronology and Hf-zircon and Sr whole-rock tracing. *Final GEODE-ABCD (2003) Workshop, Seggauberg, Austria, 22-24 March, 2003, 46.*

**2 цитата:**

1. Popov, P., Strashimirov,S.,Popov,K.,Petrunov,R.,Kanazirski,M.,Tzenev,D.2003.Main features in geology and metallogeny of the Panagyurishte ore region. *50 years University of Mining and Geology "St. Ivan Rilski" Ann.*, vol. 46, I, 119-125.
2. Popov,K.2005.Lithostratigraphy of the Late Cretaceous rocks in the Panagyurishte ore region. *University of Mining and Geology "St. Ivan Rilski" Ann.*, vol. 48, I, 101-114.

23. Tsonev, D., Bogdanov, K. 2000. Gold fineness in the massive sulphide deposits from the Sredna Gora zone, Bulgaria. *Ann. Sof. Univ. « St Kl. Ohridski », Fac. Geol. Geogr., 1, 92, 61-74.*

**1 цитат:**

- 1 Kouzmanov, K.2001. Genèse des concentrations en métaux de base et précieux de Radka et Elshitsa ISTO - Institut des Sciences de la Terre d'Orléans,France. 270p.

24. **Богданов,К. 2003. Минерални асоциации на злато в Банат-Средногорската металогенна зона. IV Нац.цимпоз. Металогения на България. Сб. Резюмирани доклади, 7-9 Май, 2003, София, 27-32.**

**1 цитат:**

1. Балтов,И.,Дончев,И.2012. Георесурси и технологии за преработка на златни и златосъдържащи руди в България.Изд. Геол. и минер. ресурси.С,298 с.

25. Cook, N.J., Ciobanu, C.L.,Bogdanov,K. 2002.Trace mineralogy of the Upper Cretaceous banatic Magmatic and metallogenetic Belt, SE Europe. *11<sup>th</sup> Quadrennial IAGOD symposium.Geocongress.2002, Windhoek, Namibia, July2002. CD Vol. of ext. abstr. Geol. Sur. of Namibia.*

**1 цитат:**

1. Höll,R.,Kling,M.,Schroll, E.2007. Metallogenesis of germanium—a review. *Ore Geology Reviews*, 30, 3–4, 145–180.

**26. Bogdanov, K.1997. Epithermal gold mineralization from Chala deposit, Eastern Rhodopes, Bulgaria. In: 50 years Geology. Sof. Univ. Press,51-56.**

**1 цитат:**

1. Патрикова, В. 2001.Минералого-geoхимична характеристика на рудната минерализация по полиметална зона 5 на находище Чала, Спахиевско рудно поле, Източни Родопи. Год. СУ,1,Геол.94,193-214.

**27. Kehayov, R., Bogdanov K. 2002. Notes on the fluid inclusions in the Elatsite porphyry Cu-Au-PGE deposit. In: *Modern problems of the Bulgarian geology. Ann. Sci. Conf. of the Bulg. Geol. Soc. Sofia, Abs. Vol. 37-38.***

**1 цитат:**

1. Economou-Eliopoulos,M.2005.Platinum-Group Element potential of porphyry deposits. In:*Exploration for Platinum-Group Element Deposits*. Mineralogical Association of Canada Short Course 35, Oulu, Finland, pp. 203-245.

**28. Bogdanov,K., Tsintsov,Z.2011.PGM types and trends from Novoseltsi placers, Bourgas district, Bulgaria. *Acta Mineral.-Petrogr. Abstract Series, 6, 20-th Gen. Meeting IMA,70.***

**1 цитат:**

1. Йовчев Д. 2015. Самородно злато и платина в речните наслаги от района на селата Горен чифлик и Дюлино, Източна Стара планина.Сп.БГД,76,2-3,51-63.

**29. Богданов,К., Цинцов,З., Янакиева,Н., Закарини,Ф., Гарути,Дж.2011. Минерали от групата на платината от района на с. Константиново, Бургаско и техните генетични особености. Нац. конф. на БГД “Геонауки 2011“Абстракт. 13-14.**

**1 цитат:**

1. Йовчев Д. 2015. Самородно злато и платина в речните наслаги от района на селата Горен чифлик и Дюлино, Източна Стара планина.Сп.БГД,76,2-3,51-63.