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Ученая степень: доктор физико-математических наук по специальности 25.00.10 – Геофизика, геофизические методы поисков полезных ископаемых

Ученое звание: профессор по кафедре технической физики и физики горных пород.

Место работы и должность:

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Основные работы:

1. Popov Y., Beardsmore G., Clauser C., Roy S. 2016. ISRM Suggested Methods for Determining Thermal Properties of Rocks from Laboratory Tests at Atmospheric Pressure. *Rock Mechanics and Rock Engineering*, 49, 4179-4207. <https://doi.org/10.1007/s00603-016-1070-5>

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3. Sauer D., Wagner S., Amro Moh'd, Popov Yu., Rose F., Schramm A., Boemer E., Wuensch T., Redondo-Robles H., Hesse G., Pfeiffer J. 2017. Development of a new borehole probe for thermal conductivity scanning. *Geothermics*, 67, 95-1011. <http://doi.org/10.1016/j.geothermics.2017.02.003>

4. Chen F., Popov Yu., Sevostianov I., Grgic D. Replacement relations for thermal conductivity of a porous rock. 2017. *International Journal of Rock Mechanics and Mining Sciences*. 2017. 97, 64-74. <https://doi.org/10.1016/j.ijrmms.2017.06.008>

5. Chekhonin E., Popov E., Popov Y., Gabova A., Romushkevich R., Spasennykh M., Zagranovskaya D. 2018. High-resolution evaluation of elastic properties and anisotropy of unconventional reservoir rocks via thermal core logging. *Rock Mechanics and Rock Engineering*, 51 (9), 2747-2759. <https://doi.org/10.1007/s00603-018-1496-z>

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8. Popov, Y., Popov, E., Chekhonin, E., Spasennykh, M., Goncharov, A. 2019. Evolution in information on crustal geothermal parameters due to application of advanced experimental basis. IOP Conference Series: Earth and Environmental Science, 249(1). DOI: 10.1088/1755-1315/249/1/012042. Scopus: [2-s2.0-85064859122](https://scopus.com/record/display?id=s2.0-85064859122)

9. Gabova A., Popov Y., Savelev E., Romushkevich R., Chekhonin E., Plotnikov V., Emelyanov D., Akhmadishin A. 2020. Experimental investigation of the effect of temperature on thermal conductivity of organic-rich shales, Journal of Petroleum Science and Engineering. 193, Article number 107438. <https://doi.org/10.1016/j.petrol.2020.107438>

10. Popov E., Popov Y., Chekhonin E., Safonov S., Savelev E., Gurbatova I., Ursegov S., Shakirov A. 2020. Thermal core profiling as a novel and accurate method for efficient characterization of oil reservoirs. Journal of Petroleum Science and Engineering. 193, Article number 107384. <https://doi.org/10.1016/j.petrol.2020.107384>

11. Gabova A., Chekhonin E., Popov Y., Savelev E., Romushkevich R., Popov E., Kozlova E. 2020. Experimental investigation of thermal expansion of organic-rich shales. International Journal of Rock Mechanics and Mining Sciences. 132, Article number 104398. <https://doi.org/10.1016/j.ijrmms.2020.104398>

12. Chekhonin E., Popov Y., Peshkov G., Spasennykh M., Popov E., Romushkevich R. 2020. On the importance of rock thermal conductivity and heat flow density in basin and petroleum system modelling. Basin Research, 32(5), 1271-1286. <https://doi.org/10.1111/bre.12427>

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