

### Сведения об официальном оппоненте

Фамилия, имя, отчество	Жмодик Сергей Михайлович
Ученая степень	Доктор геолого-минералогических наук
Научная специальность, по которой оппонентом защищена диссертация	25.00.11 – геология, поиски и разведка твердых полезных ископаемых, минерагения; 25.00.09 – геохимия, геохимические методы поисков полезных ископаемых
Ученое звание	снс
Полное наименование организации	ФГУП Институт геологии и минералогии им. В.С. Соболева СО РАН, г. Новосибирск
Должность	гнс
Основные публикации официального оппонента по теме диссертации в рецензируемых научных изданиях за последние 5 лет	<p>1. Dobretsov N.L., Lazareva E.V., <b>Zhmodik S.M.</b>, Bryanskaya A.V., Morozova V.V., Tikunova N.V., Peltek S.E., Karpov G.A., Taran O.P., Ogorodnikova O.L., Kirichenko I.S., Rozanov A.S., Babkin I.V., Shuvaeva O.V., Chebykin E.P. Geological, hydrogeochemical, and microbiological characteristics of the “oil site” of the Uzon caldera (Kamchatka) // Russian Geology and Geophysics. – 2015. V. 56. Is.1-2. P. 39–64. doi.org/10.1016/j.rgg.2015.01.003 (Q2; импакт-фактор журнала = 1.409).</p> <p>2. Rozanov A.S., Bryanskaya A.V., Malup T.K., Meshcheryakova I.A., Lazareva E.V., Taran O.P., Ivanisenko T.V., Ivanisenko V.A., <b>Zhmodik S.M.</b>, Kolchanov N.A., Peltek S.E. Molecular Analysis of the Benthos Microbial Community in Zavarzin Thermal Spring (Uzon Caldera, Kamchatka, Russia) // BMC Genomics 2014, 15(Suppl 12):S12 doi:10.1186/1471-2164-15-S12-S12 (Q1; импакт-фактор журнала = 3.986).</p> <p>3. Nesterenko, G. V.; <b>Zhmodik, S. M.</b> Alluvial gold placers directly related to primary sources: An important forecast criterion // Doklady Earth Science. 2014. V. 455. N. 2, p. 481-484. DOI: 10.1134/S1028334X14060051 (Q2; импакт-фактор журнала = 0.474).</p> <p>4. Airiyants E.V., <b>Zhmodik S.M.</b>, Ivanov P.O., Belyanin D.K., Agafonov L.V. Mineral inclusions in Fe-Pt solid solution from the alluvial ore</p>

- occurrences of the Anabar basin (northeastern Seberian Platform) // Russian Geology and Geophysics. – 2014. V. 55. P. 945–958. DOI: 10.1016/j.rgg.2014.01.010 (Q2; импакт-фактор журнала = 1.409).
5. Kiseleva O.N., **Zhmodik S.M.**, Damdinov B.B., Agafonov L.V., Belyanin D.K. Composition and evolution of PGE mineralization in chromite ores from the Il'chir ophiolite complex (Ospa–Kitoi and Khara-Nur areas, East Sayan) // Russian Geology and Geophysics. 2014. V. 55. P.259–272. - DOI: 10.1016/j.rgg.2014.01.010 (Q2; импакт-фактор журнала = 1.409).
6. Nesterenko G. V., Roslyakov N. A., **Zhmodik S. M.**, Kalinin Yu. A., Morozova N. S., Kirillov M. V., Kolpakov V. V., Belyanin D. K., Osintsev S. R. Character of Gold Mineralization in the Late Cenozoic Alluvium of the Bauntov Area (Vitim Highland, Transbaikal Region) // Lithology and Mineral Resources. – 2014. V. 49, No. 1. P. 33–51. DOI: 10.1134/S0024490214010027 (Q2-Q3; импакт-фактор журнала = 0.431).
7. Lazareva E.V., **Zhmodik S.M.**, Dobretsov N.L., Tolstov A.V., Shcherbov B.L., Karmanov N.S., Gerasimov E.Yu., Bryanskaya A.V. Main minerals of abnormally high-grade ores of the Tomtor deposit (Arctic Siberia) // Russian Geology and Geophysics. – 2015. – V. 56, №6. – P. 844–873. doi:10.1016/j.rgg.2015.05.003. (Q2; импакт-фактор журнала = 1.409).
8. Kiseleva O., **Zhmodik S.** PGE mineralization and melt composition of chromitites in Proterozoic ophiolite complexes of Eastern Sayan, Southern Siberia // Geoscience Frontiers. 2017. – V.8. – P. 721-731. DOI: 10.1016/j.gsf.2016.04.003 (Q1; импакт-фактор журнала = 4.06).
9. Myagkaya, I.N., Lazareva, E.V., Gustaytis, M.A., **Zhmodik S.M.** Gold and Silver in a System of Sulfide Tailings. Part 1: Migration in water flow // Journal of Geochemical Exploration. – 2016. – V. 160. P. 16-30. DOI: 10.1016/j.gexplo.2015.10.004 (Q1; импакт-фактор журнала = 2.749).
10. Moroz T. N., Ponomarchuk V. A., Goryainov

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11. **Zhmodik S.M.**, Nesterenko G.V., Airiyants E.V., Belyanin D.K., Kolpakov V.V., Podlipsky M.Yu., Karmanov N.S. Alluvial platinum-group minerals as indicators of primary PGE mineralization (placers of southern Siberia) // *Russian Geology and Geophysics* 2016. V.57. P. 1437–1464. doi.org/10.1016/j.rgg.2016.09.002 (Q2; импакт-фактор журнала = 1.212).
12. Myagkaya, I.N., Lazareva, E.V., Gustaytis, M.A., **Zhmodik S.M.** Gold and silver in a system of sulfide tailings. Part 2: Reprecipitation on natural peat // *Journal of Geochemical Exploration*. 2016. V. 165. P. 8–22. doi.org/10.1016/j.gexplo.2016.01.016 (Q1; импакт-фактор журнала = 2.749).
13. Damdinov B.B., **Zhmodik S.M.**, Roschektaev P.A., Damdinova L.B. Mineral composition and genesis Konevinskoe gold deposit (Eastern Sayan, Russia) // *Geology of Ore Deposits*. 2016. V.58, N 2. P. 134-148. DOI: 10.7868/S0016777016020039 (Q3; импакт-фактор журнала = 0.559).
14. Myagkaya I.N., Lazareva E.V., Gustaitis M.A., Zayakina S.B., Polyakova E.V., **Zhmodik S.M.** Gold in the sulfide waste-peat bog system as a behavior model in geological processes // *Doklady Earth Science*. -2013. - V. 453. - Issue. 1. - P. 1132 - 1136. DOI: 10.1134/S1028334X13110135 (Q2; импакт-фактор журнала = 0,474).
15. Sorokin A.P., Rozhdestvina V.I., Kuz'minykh V.M., **Zhmodik S.M.**, Anoshin G.N., Mitkin V.N. The regularities of formation of noble- and rare-metal mineralization in Cenozoic coaliferous deposits in the southern Far East // *Russian Geology and Geophysics*. - 2013. - V. 54. - Issue. 7. - P. 671 - 684. doi.org/10.1016/j.rgg.2013.06.003 (Q2; импакт-фактор журнала = 1.409).
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17. Saryg-ool B. Yu., Myagkaya I.N., Kirichenko I.S., Gustaytis M.A., Shuvaeva O.V., **Zhmodik S.M.**, Lazareva E.V. Redistribution of elements between wastes and organic-bearing material in the dispersion train of goldbearing sulfide tailings: Part I. Geochemistry and mineralogy // Science of The Total Environment. – 2017. – V. 581–582 –. P. 460-471. DOI: <http://dx.doi.org/10.1016/j.scitotenv.2016.12.154> (Q1; импакт-фактор журнала = 5.04).
18. Nesterenko G.V., **Zhmodik S.M.**, Airiyants V, Belyanin D.K., Kolpakov V.V., Bogush A.A. Colloform highpurity platinum from the placer deposit of Koura River (Gornaya Shoriya, Russia) // Ore Geology Reviews. 2017. – DOI: <http://dx.doi.org/10.1016/j.oregeorev.2017.10.003> (Q1; импакт-фактор журнала = 3.25).
19. Damdinov B.B., Murzin V.V., **Zhmodik S.M.**, Mironov A.G., Damdinova L.B. New data on the mineralogy and geochemistry of carbon metasomatite in ultramafic Eastern Sayan // Otechestvennaya geology. - 2013. - № 3. - P. 74-84.
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Bogdanov Y.A., Belyanin D.K., Airiyants E.V., Zhmodik A.S. Gold in the samples of oceanic sulphide ores from Logachev and Broken Spur hydrothermal fields // Geology of the seas and oceans. Proceedings of XXII International Conference on Marine Geology/Moscow, November 20–24, 2017. Vol. II., Moscow: IO RAS, 2017. P. 260-264.

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23. **Zhmodik S.M.**, Mironov A.G., D.K. Belyanin D.K. et al. Metalliferous carbonaceous shales of the Oka area of the southeastern part of the Eastern Sayan (Металлоносные углеродистые сланцы Окинской зоны юго-восточной части Восточного Саяна) // Мат-лы V Всероссийской конференции «Геодинамика и минерагения Северной и Центральной Азии». Улан-Удэ: Изд-во БГУ. С. 178-180.