

# СВЕДЕНИЯ

об официальном оппоненте по диссертации Богомолова Павла Андреевича

«Влияние продуктов разложения хлорорганических соединений на процесс коррозии нефтеперерабатывающего оборудования»

| №<br>п/п | ФИО                                | Год<br>рождения,<br>гражданство | Место основной<br>работы (с указанием<br>организации, города),<br>должность                                                                                                                                                       | Ученая степень (с<br>указанием шифра<br>специальности<br>научных<br>работников, по<br>которой<br>защищена<br>диссертация) | Ученое звание<br>(по<br>специальности,<br>кафедре) | Основные работы, опубликованные в<br>рецензируемых научных журналах за<br>последние три года                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
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| 1        | 2                                  | 3                               | 4                                                                                                                                                                                                                                 | 5                                                                                                                         | 6                                                  | 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|          | Цыганкова<br>Людмила<br>Евгеньевна | 1939 г.,<br>РФ                  | Федеральное<br>государственное<br>бюджетное<br>образовательное<br>учреждение высшего<br>образования<br>Тамбовский<br>государственный<br>университет им. Г.Р.<br>Державина<br>г. Тамбов,<br>профессор,заведующий<br>кафедрой химии | Доктор<br>химических наук,<br>02.00.05 по<br>специальности<br>Электрохимия                                                | профессор                                          | 1. Брыксина В.А. Использование<br>просроченного препарата Анаприлин против<br>коррозии углеродистой стали/В.А.<br>Брыксина,Л.Е. Цыганкова, Н.А.<br>Курьято//Практика противокоррозионной<br>защиты. – 2024. –Т.29.– № 3. – С. 21-31.<br>2. Tsygankova L.E. Anti-corrosion protection<br>of carbon steel by expired Anaprilin in acidic<br>media / L.E. Tsygankova, V.A. Bryksina, F.A.<br>Aidemirova, U.V. Baisheva// International<br>Journal of Corrosion and Scale Inhibition. –<br>2024. –V.13.– 1. – P.324-336.<br>3.Tsygankova L.E. The influence of stratum<br>water composition on steel corrosion and the<br>protective effect of the inhibitor in the<br>presence of H <sub>2</sub> S and CO <sub>2</sub> /L.E. Tsygankova,<br>R.K. Vagapov, A.E. Abramov, T.V.<br>Semenyuk, V.A. Igonina, L.E. Isaeva//<br>International Journal of Corrosion and Scale<br>Inhibition.– 2024. –Т.13.– № 1.–P. 583-601. |

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|  |  |  |  |  | <p>4. Tsygankova L.E. Inhibition of steel corrosion in model stratum water containing acetic acid and saturated with <math>H_2S</math> and <math>CO_2</math> / L.E. Tsygankova, R.K. Vagapov, A.E. Abramov, A.A. Uryadnikov, D.A. Gorlov, I.A. Lomakina// International Journal of Corrosion and Scale Inhibition. – 2024.–T. 13. – № 2.–P. 1012-1028.</p> <p>5. Vigdorowitsch M. Sessile drops pinned on a horizontal superhydrophobic coating of steel. Thecotangentformula/ M. Vigdorowitsch, L.D. Rodionova, D.A. Al Saadi, Tsygankova L.E., M.G. Shcherban, M.N. Uryadnikova// International Journal of Corrosion and Scale Inhibition. – 2024.–T. 13. –№ 6.– P. 930-934.</p> <p>6. Tsygankova L.E. Anti-corrosion protection of steel with superhydrophobic coatings based on nickel and zinc / L.E. Tsygankova, L.D. Rodionova, A.A. Uryadnikov, N.V. Shel// International Journal of Corrosion and Scale Inhibition.– 2024. – T. 13. –№ 3.– P. 1553-1570.</p> <p>7. Tsygankova L.E. Inhibiting composition against steel corrosion in model formation waters of oil and gas fields / L.E. Tsygankova, A.E. Abramov, A.A. Uryadnikov, N.V. Shel// Steel in Translation. – 2023.–T. 53. – № 11.– P. 922-927.</p> <p>8. Knyazeva L.G. Anticorrosion properties of superhydrophobic copper surface coatings obtained by electrodeposition / L.G. Knyazeva, L.E. Tsygankova, N.A. Curyato,</p> |
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|  |  |  |  |  | <p>A.V. Dorokhov, A.A. Uryadnikov, A.N. Dorokhova// Steel in Translation. – 2023. – T. 53. –№ 5.– P. 393 -399.</p> <p>9. Knyazeva L.G. Anti-corrosion properties of oil compositions based on combined corrosion inhibitor M-531/ L.G. Knyazeva, L.E. Tsygankova, A.V. Dorokhov, N.A. Kur'yato, I.V. Zarapina//International Journal of Corrosion and Scale Inhibition. – 2023. – T. 12. –№ 1.– P. 309-323.</p> <p>10. Tsygankova L.E. Inhibition of carbon steel corrosion in model stratum waters containing hydrogen sulfide/ L.E. Tsygankova, A.E. Abramov, A.A. Uryadnikov, N.V. Shel, K.O. Strel'nikova, R.K. Vagapov//International Journal of Corrosion and Scale Inhibition. – 2023. – T. 12. –№ 2.– P. 410-423.</p> <p>11. Tsygankova L.E. Study of the protection of carbon steel with an inhibitory composition in hydrogen sulfide environments by electrochemical methods/ L.E. Tsygankova, A.E. Abramov, A.A. Uryadnikov, T.V. Semenyuk, K.O. Strel'nikova, R.K. Vagapov, O.G. Mikhalkina//International Journal of Corrosion and Scale Inhibition. – 2023. – T. 12. –№ 3.– P. 811-824.</p> <p>12. Tsygankova L.E. Protection of carbon steel against corrosion with a superhydrophobic coating/ L.E. Tsygankova, M.N. Uryadnikova, L. Rodionova, N.V. Shel, O. Alekhina// Zaštitamaterijala. – 2023. – T.</p> |
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|  |  |  |  |  | <p>64. –№ 3.– Р. 283-290.</p> <p>13. Цыганкова Л.Е. Ингибирующий состав против коррозии стали в модельных пластовых водах нефтегазовых месторождений / Л.Е. Цыганкова, А.Е. Абрамов, А.А. Урядников, Н.В. Шель // Коррозия: защита, материалы. Приложение к журналу "Технология металлов". – 2023.–№ 15.–С. 10-17.</p> |
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21.03.25



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**ЗАВЕРЯЮ**

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« 21 » 03 2025 г.