Prof. Zholt Kormosh, C.Sc. (Chemistry)

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Prof. Zholt Kormosh, C.Sc. (Chemistry)

Professor of the Department of Chemistry and of Ecology, Uman State Pedagogical University named after Pavlo Tychyna, Uman, Ukraine. His scientific interest regularities of extraction in the form of ionic associates with the main dyes of oxyanions of elements and organic substances of anionic nature, development of ion-selective electrodes based on ionic associates and complex chalcogenide materials; their analytical application. He has published over 109 original and review articles in journals from JCR list and 75 patents. He was an editor of book, author and coauthor of 7 handbooks for students. He gave over 50 lectures. His work was cited over 583 times and his Hirsch index is 14. He has actively solicited for funding of his research project, both from domestic as well as international agencies, receiving funding for over 10 projects. He has supervised 4 doctoral theses. He has held a position of the held the position of Head of the Department of Analytical Chemistry and Eco-technology. He also held the position of Dean of the Faculty of Chemistry of VNU. He is currently at the Professor of the Department of Chemistry and of Ecology, Uman State Pedagogical University named after Pavlo Tychyna, Uman, Ukraine

Name:	Zholt Kormosh
Born:	25 November 1971, Beregovo, Ukraine
Nationality & Citizenship:	Ukraine
Foreign Languages:	Ukrainian, Hungarian, Russian (fluent), English (basic)

EDUCATION

1988 - 1993	Uzhhorod State University, Ukraine, Faculty of Chemistry, specialisation: Analytical Chemistry
1993 - 1997	Uzhhorod State University, Ukraine, Faculty of Chemistry, graduate school: Analytical Chemistry
2020 - 2021	National University "Lviv Polytechnic" at the Institute of Chemistry and Chemical Technology in specialty Chemical Technology and Engineering in the master educational program "Chemical Technology of Food Additives and Cosmetics"

DEGREES and TITLES

1993	M.Sc. in Chemistry
2001	Ph.D. in Analytical Chemistry
2004	Associate Professor of Analytical Chemistry Department
2014	Professor of Analytical Chemistry
2021	M.Sc. in Chemical Technology and Engineering

EMPLOYMENT RECORD and FUNCTIONS

1993-2000	Employee at Faculty of Chemistry, Uzhhorod State University, Ukraine
1995-2000	Assistant Professor of the Department of Analytical Chemistry Faculty of Chemistry, Uzhhorod State University, Ukraine
2001-2001	Employee at Faculty of Chemistry, Lesya Ukrainka Volyn National University, Lutsk, Ukraine
2001-2001	Assistant Professor of the Department of Analytical Chemistry Faculty of Chemistry of Lesya Ukrainka Volyn National University, Lutsk, Ukraine
2002-2007	Associate Professor of the Department of Analytical Chemistry Faculty of Chemistry of Lesya Ukrainka Volyn National University, Lutsk, Ukraine
2005-2019	Head of the Department of Analytical Chemistry and Eco-technology of Lesya Ukrainka Volyn National University, Lutsk, Ukraine
2007-2019	Professor of the Department of Analytical Chemistry Faculty of Chemistry of Lesya Ukrainka Volyn National University, Lutsk, Ukraine
2008-2009	
2010-2011	Vice-Dean of Faculty of Chemistry of Lesya Ukrainka Volyn National University, Lutsk, Ukraine
2009-2010	Dean of Faculty of Chemistry of Lesya Ukrainka Volyn National University, Lutsk, Ukraine
2019-2023	Professor of the Department of Chemistry and Technology Faculty of Chemistry of Lesya Ukrainka Volyn National University, Lutsk, Ukraine
2023-	Professor of the Department of Chemistry and of Ecology, Uman State Pedagogical University named after Pavlo Tychyna, Uman, Ukraine

KEY QUALIFICATIONS

Analytical chemistry and separation sciences, potentiometric sensor, spectrophotometric analysis, environmental chemistry and technology, environmental analytics, pharmaceuticals analysis, ecotoxicology

SCIENITIFC ACHIEVEMENTS (in numbers)

1. Publications	389
1.1. With IF	109
1.2. Without IF	280
1.3. Book chapters	2
1.4. Patents	75
2. Books	7
5. Editor	1
6. Citations	583
7. Hirsch Index	14
8. Promoted doctors	4

Membership in scientific organizations, associations

Member of the Coordinating Council of the National Academy of Sciences of Ukraine for Analytical Chemistry
Member of the External Board of the Hungarian Academy of Sciences (since 2004)
Member of the Shevchenko Scientific Society (since 2020)

Specialized Academic Council K 61.051.03 at Uzhgorod National University for the defense of PhD theses in specialties 02.00.01 - Inorganic Chemistry and 02.00.02 - Analytical Chemistry (until 2019).

Selected papers (2017 – 2022)

1. I. Antal, M. Koneracka, V. Zavisova, M. Kubovcikova, Zh. Kormosh, P. Kopcansky. Statins Determination: A Review of Electrochemical Techniques // Critical Reviews in Analytical Chemistry. – 2017. 47:6, 474-489, DOI: 10.1080/10408347.2017.1332973; http://dx.doi.org/10.1080/10408347.2017.1332973
2. Zubenia N., Kormosh Zh., Semenyshyn D., Kochubei V. and Kormosh A. Design of a Gramine-Selective Membrane Sensor // Anal. Bioanal. Electrochem. – 2018. – Vol. 10, № 5. – P. 531-540.
3. Onyshchuk O.O., Kormosh Zh. To calculation of optimization problem of the chemical process in isothermic reactor ideal removal // Technological Complexes. – 2018. - №1 (15). - P. 37-43.
4. Kormosh, Z.A., Markovska, N.A. & Kormosh, N.N. Potentiometric Sensor for Benzylpenicillin Determination. Pharm. Chem. J. 53, 577–579 (2019). https://doi.org/10.1007/s11094-019-02040-w
5. Tkach V.V., Kushnir M.V., de Oliveira S.C., Kormosh Z.O., Luganska O.V., Parchenko V.V., Ivanushko Y.G., Yagodynets´ P.I. A descrição matemática do processo da detecção eletroquímica do ácido ascórbico sobre o polímero condutor, dopado pelo íon triiodeto // Rev. Colomb. Cienc. Quím. Farm. – 2019. – V. 48, № 1. – P. 159-169.
6. Zubenia N., Kormosh Z., Antal I., Gorbatyuk N., Bokhan Y., Zhylko V., Dombrova I., Semenyshyn D. and Kochubei V. Potentiometric Sensor for Determination of Amprolium in Pharmaceutical Formulation // Anal. Bioanal. Electrochem. 2019, Vol. 11, No. 9, 1228-1239. http://www.abechem.com/No.%209-2019/2019,%2011(9),%201228-1239.pdf
7. Volodymyr V. Tkach, Marta V. Kushnir, Oleksandra V. Ahafonova, Igor G. Biryuk, Silvio C. de Oliveira, Petro I. Yagodynets, Zholt O. Kormosh, Lucinda Vaz dos Reis, Karina V. Palamarek, Tetyana S. Nezveshchuk-Kohut. The Theoretical Description for the Perylaldehyde Aldoxime Electrochemical Determination, Assisted by the Novel Squaraine Dye – VO(OH) – Composite // Orbital: The Electronic Journal of Chemistry. – 2020. – Vol. 12, No. 3. – 148-153. DOI: http://dx.doi.org/10.17807/orbital.v12i3.1498
8. Tkach V.V., Kushnir M.V., Nazymok Y.V., Velyka A.V., De Oliveira S.C., Vaz dos Reis L., Yagodynets´P.I., Kormosh Z.O., Parchenko V.V., Aksyonova I.I., Odyntsova V.M. The Theoretical Description For The Electrochemical Synthesis Of A Squaraine-Dye Doped Triazolic Conducting Polymer // Orbital: The Electronic Journal of Chemistry. – 2020. – Vol. 12, No. 4. – 686-689. DOI: http://dx.doi.org/10.17807/orbital
9. Tkach V.V., De Oliveira S.C., Olga V. Luganska, Volodymyr V. Parchenko, Ilona I. Aksyonova, Vira M. Odyntsova, Alla V. Velyka, Yevgeniya V. Nazymok, Zholt O. Kormosh, Nataliia A. Stratiychuk, Nataliia M. Kozik, Petró I. Yagodynets´. The Theoretical Description Of Theacrine Electrochemical Determination On Some New Triazolic Schiff Bases // Orbital: The Electronic Journal of Chemistry. – 2020. – Vol. 12, No. 5. –1372-1376. DOI: http://dx.doi.org/10.17807/orbital
10. Kormosh Z.A., Antal I.P. Ion-selective membrane electrode for diclofenac determination. Industrial laboratory. Diagnostics of materials. 2020;86(1):5-12. (In Russ.) https://doi.org/10.26896/1028-6861-2020-86-1-5-12
11. Volodymyr V. Tkach, Marta V. Kushnir, Yana G. Ivanushko, Sílvio C. De Oliveira, Lucinda Vaz dos Reis, Petro I. Yagodynets´, Zholt O. Kormosh. The theoretical description for the electrochemical synthesis of a squaraine-dye doped conducting polymer // Appl. J. Envir. Eng. Sci. – 2020. – V. 6, N°1. – P. 51-56. https://revues.imist.ma/index.php?journal=AJEES&page=article&op=view&path%5B%5D=17419
12. Volodymyr V. Tkach, Marta V. Kushnir, Yana G. Ivanushko, Sílvio C. De Oliveira, Lucinda Vaz dos Reis, Petro I. Yagodynets´, Zholt O. Kormosh. The theoretical description for neotame electrochemical determination, assisted by vanadium oxyhydroxide composite with a squarainic dye // Appl. J. Envir. Eng. Sci. – 2020. – V. 6, N°2. – P. 109-115. https://revues.imist.ma/index.php?journal=AJEES&page=article&op=view&path%5B%5D=18524&path%5B%5D=11632.
13. Volodymyr V. Tkach, Marta V. Kushnir, Nataliia M. Storoshchuk, Yana G. Ivanushko, Sílvio C. De Oliveira, Petro I. Yagodynets´, Zholt O. Kormosh. The theoretical description for the confection of the novel thioureabased active surface for cathodic conducting polymer deposition // Appl. J. Envir. Eng. Sci. – 2020. – V. 6, N°2. – P. 1439-148. https://revues.imist.ma/index.php?journal=AJEES&page=article&op=view&path%5B%5D=18543&path%5B%5D=11636.
14. Volodymyr V. Tkach, Marta V. Kushnir1, Inna M. Dytynchenko3, Sílvio C. de Oliveira, Olga V. Luganska4, Yana G. Ivanushko, Petro Ye. Kovalchuk, Petro I. Yagodynets´, Zholt O. Kormosh. The "polythiophene paradox". A theoretical sight to an alternative scenario. The “polythiophene paradox”. A theoretical sight to an alternative scenario // Appl. J. Envir. Eng. Sci. – 2020. – V. 6, N°3. – P. 238-243. https://www.researchgate.net/publication/344434419_The_polythiophene_paradox_A_theoretical_sight_to_an_alternative_scenario#fullTextFileContent.
15. Volodymyr Valentynovych Tkach, Marta V. Kushnir, Yana G. Ivanushko, Andrii V. Bocharov, Sílvio C. De Oliveira, Petro I. Yagodynets´, Zholt O. Kormosh, Lucinda Vaz dos Reis. The theoretical description for the imidaclopride and thiaclopride simultaneous determination, assisted by a squaraine dye – vanadium (III) oxyhydroxide composite // Appl. J. Envir. Eng. Sci. – 2020. – V. 6, N°3. – P. 284-290. https://www.researchgate.net/publication/344434262_The_theoretical_description_for_the_imidaclopride_and_thi

aclopride_simultaneous_determination_assisted_by_a_squaraine_dye_-_vanadiumIII_oxyhydroxide_composite#fullTextFileContent

16. Kormosh, Z.A., Matviichuk, O.Y., Antal, I.P. Basel, Y.R. Sensors Based on Single- and Double-Layer Plasticized Membranes for the Potentiometric Determination of Mefenamic and Phenylanthranylic Acids. J. Anal Chem., 75, 820–828 (2020). https://doi.org/10.1134/S1061934820060131.
17. Kormosh, Z.A., Zhurba, E.S., Antal, I.P., Bazel, Y.R., Kormosh A.Z. Spectrophotometric Determination of 2,4-Dichlorophenoxyacetic Acid Using Extraction with Astrafloxin. J Anal Chem 75, 909–912 (2020). https://doi.org/10.1134/S1061934820070114.
18. Z.A. Kormosh, T.I. Savchuk, D.I. Semenishin, S.V. Suprunovich, V.V. Kochubei, S.I. Korolchuk. Potentiometric Sensor for Analgin Determination in Pharmaceutical formulations // Methods and objects of chemical analysis, 2020, Vol. 15, No. 2, 66-72. https://doi.org/10.17721/moca.2020.66-72
19. Volodymyr V. Tkach, Marta V. Kushnir, Oleksandra V. Ahafonova, Mariia P. Mytchenok, Andrii V. Bocharov, Petro Ye. Kovalchuk, Sílvio C. De Oliveira, Petro I. Yagodynets, Zholt O. Kormosh, Lucinda Vaz dos Reis, Yulia L. Bredikhina, Yana G. Ivanushko and
20. Yevgeniya V. Nazymok. The theoretical description for the electrochemical determination of 4-4′-dihydroxyazobenzene, assisted by a composite of squaraine dye with cobalt (III) oxyhydroxide in pair with cobalt (IV) oxide // Mediterranean Journal of Chemistry 2020, 10(6), 619-624. DOI: http://dx.doi.org/10.13171/mjc10602007011465vvt.
21. Volodymyr V. Tkach, Marta V. Kushnir, Yana G. Ivanushko, Anzhelika F. Molodianu, Mariia P. Mytchenok, Oleksandra V. Ahafonova, Sílvio C. De Oliveira, Petro I. Yagodynets, Zholt O. Kormosh, Yulia L. Bredikhina, Olga V. Luganska. Theoretical Description for the Galvanostatic Electrode Pretreatment, Yielding Thiourea-Based Active Surface for Cathodic Conducting Polymer Deposition // Letters in Applied NanoBioScience. 2020, Volume 9, Issue 3, 1333 – 1338. https://doi.org/10.33263/LIANBS93.13331338.
22. Volodymyr V. Tkach, Marta V. Kushnir, Sílvio C. de Oliveira, Yana G. Ivanushko, Alla V. Velyka, Anzhelika F. Molodianu, Petro I. Yagodynets, Zholt O. Kormosh, Lucinda Vaz dos Reis, Olga V. Luganska, Karina V. Palamarek, Yuliia L. Bredikhina. Electrochemical Determination of Sudan Dyes and Two Manner to Realize it: a Theoretical Investigation // Letters in Applied NanoBioScience. 2020, Volume 9, Issue 4, 1451 – 1458. https://doi.org10.33263/LIANBS94.14511458.
23. Volodymyr Valentynovych Tkach, Marta V. Kushnir, Silvio Cesar de Oliveira, Dilfuza M. Musayeva, Hanifa Zh. Salomova, Yana G. Ivanushko, Oleksandra V. Ahafonova, Petro I. Yagodynets, Zholt O. Kormosh, Olga V. Luganska, Zoya O. Gagolkina. The Theoretical Description for Magnesium Chlorate Electrochemical Determination on a Magnezone-XC Modified Electrode // Orbital: The Electronic Journal of Chemistry. – 2020. – Vol. 12, No. 4. –242-246. DOI: http://dx.doi.org/10.17807/orbital.v12i4.1534.
24. Volodymyr V. Tkach, Marta V. Kushnir, Yana G. Ivanushko,Valentyna G. Ostapchuk, Svitlana P. Melnychuk, Silvio C. de Oliveira, Volodymyr V. Parchenko, Ilona I. Aksyonova, Vira M. Odyntsova, Petro I. Yagodynets, Zholt O. Kormosh, Olga V. Luganska, Lucinda Vaz dos Reis, Alina Yo. Zavolovych. The Theoretical Description for Ag2O2/Squaraine Dye – Metformin Electrochemical Determination // Orbital: The Electronic Journal of Chemistry. – 2020. – Vol. 12, No. 4. –247-252. DOI: http://dx.doi.org/10.17807/orbital.v12i4.1537.
25. Volodymyr Valentynovych Tkach, Marta V. Kushnir, Sílvio C. De Oliveira, Vitalii V. Lystvan, Inna M. Dytynchenko, Adriano O. da Silva, Yana G. Ivanushko, Olga V. Luganska, Petro I. Yagodynets, Zholt O. Kormosh. The theoretical description for poly(naphthoquinones) –VO(OH)-assisted peroxycompounds electrochemical detection // Appl. J. Envir. Eng. Sci. 6 N°4(2020) 338-343. DOI: https://doi.org/10.48422/IMIST.PRSM/ajees-v6i4.22010
26. Volodymyr V. Tkach, Marta V. Kushnir, Yana G. Ivanushko, Anzhelika F. Molodianu, Sílvio C. de Oliveira, Petro I. Yagodynets´, Zholt O. Kormosh, Olga V. Luganska, Vira V. Kopiika, Nataliia V. Novosad. the theoretical evaluation of COO(OH)-assisted metformin electrochemical detection in alkaline media // Appl. J. Envir. Eng. Sci. 6 N°4(2020) 387-393. DOI: 10.48422/IMIST.PRSM/ajees-v6i4.22453
27. Volodymyr V. Tkach, Marta V. Kushnir, Sílvio C. de Oliveira, Yana G. Ivanushko, Alla V. Velyka, Anzhelika F. Molodianu, Petro I. Yagodynets, Zholt O. Kormosh, Lucinda Vaz dos Reis, Olga V. Luganska, Karina V. Palamarek, Yulia L. Bredikhina, Adriano O. da Silva. The Theoretical Description for the Electrochemical Determination of Anti-COVID-19 Drug Umifenovir, Assisted by a Poly(squaraine dye-co-naphthoquinones) Composite with CoO(OH), Paired with CoO_2 // Letters in Applied NanoBioScience. 2021, Volume 10, Issue 1, 1962 - 1968. https://doi.org/10.33263/LIANBS101.19621968.
28. Volodymyr V. Tkach, Marta V. Kushnir, Sílvio C. de Oliveira, Vitalii V. Lystvan, Inna M. Dytynchenko, Adriano O. da Silva, Yüksel Akınay, Olga V. Luganska, Petro I. Yagodynets, Zholt O. Kormosh. Theoretical Aspects of the Electropolymerization of Some Hydroquinonic Derivatives // Biointerface Research in Applied Chemistry. – 2021. – Volume 11, Issue 1. – PP. 7994 – 8000. https://doi.org/10.33263/BRIAC111.79948000.
29. Volodymyr V. Tkach, Marta V. Kushnir, Sílvio C. de Oliveira, Yana G. Ivanushko, Alla V. Velyka, Anzhelika F. Molodianu, Petro I. Yagodynets, Zholt O. Kormosh, Lucinda Vaz dos Reis, Olga V. Luganska, Karina V. Palamarek, Yuliia L. Bredikhina. Theoretical Description for Anti-COVID-19 Drug Remdesivir Electrochemical Determination, Assisted by Squaraine Dye–Ag2O2 Composite //Biointerface Research in Applied Chemistry. - 2021, – Volume 11, Issue 2, – PP. 9201 – 9208. https://doi.org/10.33263/BRIAC112.92019208.
30. Volodymyr V. Tkach, Marta V. Kushnir, Sílvio C. de Oliveira, Yana G. Ivanushko, Viktoria O. Tkach, Hanna Ya. Mytrofanova, Anatolii O. Zadoia, Petro I. Yagodynets, Zholt O. Kormosh. Economical and Green Acetaldehyde to

Glyoxal Electroorganic Conversion: a Theoretical Study // Biointerface Research in Applied Chemistry. - 2021, Volume 11, Issue 2, 9305 – 9310. https://doi.org/10.33263/BRIAC112.93059310.

31. Volodymyr V. Tkach, Marta V. Kushnir, Sílvio C. de Oliveira, Hanifa Zh. Salomova, Yana G.Ivanushko, Oleksandra V. Ahafonova, Mariia P. Mytchenok, Petro I. Yagodynets, Zholt O. Kormosh, Lucinda Vaz dos Reis. Theoretical Description for Chlorantraniliprole Electrochemical Determination, Assisted by Squaraine Dye Nano Ag_2O_2 Composite // Biointerface Research in Applied Chemistry. - 2021, Volume 11, Issue 2, 9278 - 9284. https://doi.org/10.33263/BRIAC112.92789284.
32. Volodymyr V. Tkach, Marta V. Kushnir, Sílvio C. de Oliveira, Alina Yo. Zavolovych, Viktoria O. Tkach, Hanna Ya. Mytrofanova, Anatolii O. Zadoia, Petro I. Yagodynets´, Zholt O. Kormosh, Olga V. Luganska´, Vira V. Kopiika, Galyna M. Pochenchuk´, Dilfuza M. Musayeva, Hanifa Zh. Salomova. Theoretical Evaluation for the Function of Economical and Green Conducting Composite Material-based Chip for Jamaican Vomiting Sickness Diagnostics // Biointerface Research in Applied Chemistry. - 2021, Volume 11, Issue 3, 10317 – 10324. https://doi.org/10.33263/BRIAC113.1031710324.
33. Volodymyr V. Tkach, Marta V. Kushnir, Vira V. Kopiika, Olga V. Luganska, Zholt O. Kormosh, Yevgeniya V. Nazymok, Yana G. Ivanushko, Ruslana V. Slukhenska, Volodymyr D. Moysiuk, Iryna L. Kukovska, Viktor V. Gordiyenko, Mykola Ye. Blazheyevskiy, Karina V. Palamarek, Dina V. Fedorova, Sílvio C. De Oliveira, Galyna M. Pochenchuk, Petro I. Yagodynets. Theoretical Description for Orellanine Electrochemical Determination and Electropolymerization in the Presence of Hydroquinones, Assisted by CuS Nanoparticles // Biointerface Research in Applied Chemistry. - 2021, Volume 11, Issue 3, 10607 - 10613. https://doi.org/10.33263/BRIAC113.1060710613.
34. Volodymyr V. Tkach, Marta V. Kushnir, Vira V. Kopiika, Yuliia V. Yeshchenko, Olga V. Luganska, Zholt O. Kormosh, Yevgeniya V. Nazymok, Yana G. Ivanushko, Anzhelika F. Molodianu, Valentyna G. Ostapchuk, Svitlana P. Melnychuk, Mykola Ye. Blazheyevskiy, Karina V. Palamarek, Dina V. Fedorova, Sílvio C. De Oliveira, Petro I. Yagodynets, Adriano O. Da Silva. The Mathematical Modeling for CoO(OH) – Poly(5-Amino-1,4-Naphthoquinone) Composite-Based Sensor for 1-Propenesulfenic Acid and Propanethial S-Oxide Detection in Food and Lacrimogenic Compositions // Biointerface Research in Applied Chemistry. - 2021, Volume 11, Issue 4, 11145 - 11150. https://doi.org/10.33263/BRIAC114.1114511150.
35. Volodymyr V. Tkach, Marta V. Kushnir, Lilia O. Dubenska, Solomiya V. Pysarevska, Volodymyr V. Diychuk, Petro I. Yagodynets, Zholt O. Kormosh, Yana G. Ivanushko, Yevgeniya V. Nazymok, Galyna M. Pochenchu. Theoretical Description for Sunset Yellow Electrochemical Determination in Food, Assisted by Poly(3,4-ethylenedioxypyrrole) – VO(OH) Composite // Biointerface Research in Applied Chemistry. - 2021, Volume 11, Issue 4, 11519 – 11524. https://doi.org/10.33263/BRIAC114.1151911524.
36. Volodymyr V. Tkach, Marta V. Kushnir, Sílvio C. de Oliveira, Hanifa Zh. Salomova, Fazliddin Jalilov, Feruza Jalilova, Dilfuza M. Musayeva, Laziz N. Niyazov, Yana G. Ivanushko, Oleksandra V. Ahafonova, Maria P. Mytchenok, Petro I. Yagodynets´, Zholt O. Kormosh, Lucinda Vaz dos Reis, Yulia V. Palytsia. The Theoretical Description for Fluoxetine Electrochemical Determination, Assisted by CoO(OH)-Nanoparticles, Deposited Over the Squaraine Dye // Orbital: Electron. J. Chem. 2021, 13(1), 53-57; http://dx.doi.org/10.17807/orbital.v13i1.1573.
37. Volodymyr Valentynovych Tkach, Marta V. Kushnir, Silvio Cesar de Oliveira, Hanifa Zh. Salomova, Dilafruz B. Razhabova, Dilfuza M. Musayeva, Laziz N. Niyazov, Yana G. Ivanushko, Mariia P. Mytchenok, Oleksandra V. Ahafonova, Bohdana Y. Banul, Tetiana P. Honchar, Petro I. Yagodynets´, Zholt O. Kormosh, Lucinda Vaz dos Reis, Konon L. Bagrii, Lyubov T. Strutynska, Inna P. Danyliuk, Nataliia M. Gordiyenko, Yulia V. Britsyna, Maryna V. Parkhomenko, Mariia M. Levon. The Theoretical Description for Chlorantraniliprole Electrochemical Determination, Assisted by Squaraine Dye – Nano-CuS Composite // Orbital: Electron. J. Chem. 2021. - 13(3). - 219-222. DOI: http://dx.doi.org/10.17807/orbital.v13i3.1518.
38. Tkach V.V., Kushnir M.V., de Oliveira S.C., Zavhorodnii M.P., Brazhko O.A., Kornet M.M., Luganska O.V., Kopiika V.V., Ivanushko Y.G., Mytchenok M.P., Ahafonova O.V., Yagodynets´ P.I., Kormosh Z.O., dos Reis L.V. The Theoretical Description for a Sucralose Electrochemical Cathodical Determination over a 9-9´-Diacridyl-modified Electrode // Orbital: Electron. J. Chem. 2021. - 13(3). - 219-222. http://dx.doi.org/10.17807/orbital.v13i3.1584.
39. Kormosh Zh., Kormosh N., Bokhan Yu., Gorbatyuk N., Kotsan I., Suprunovich S., Parchenko V., Savchuk T., Korolchuk S. Potentiometric Sensor for Naproxen Determination// Pharm. Chem. J. - 2021. – V. 55, № 1. – P. 97-99. https://doi.org/10.1007/s11094-021-02379-z.
40. I. Antal, Zh. Kormosh, I. Kotsan, N. Kormosh, T. Savchuk, S. Korolchuk, O. Yurchenko, S. Golub, S. Suprunovich, Yu. Panchenko & V. Tkach. Selective extraction-photometric determination of non-steroidal anti-inflammatory drugs// Pharm. Chem. J. - 2021. – V. 55, № 5. – P. 516-523; DOI 10.1007/s11094-021-02450-9.
41. Volodymyr V. Tkach, Marta V. Kushnir, Yana G. Ivanushko, Andrii V. Bocharov, Petro Ye. Kovalchuk, Sílvio C. De Oliveira, Petro I. Yagodynets´, Zholt O. Kormosh, Lucinda Vaz dos Reis. The theoretical description for the electrochemical determination of 4- 4´-dihydroxyazobenzene, assisted by a composite of squaraine dye with cobalt (iii) oxyhydroxide in pair with cobalt (iv) oxide // Appl. J. Envir. Eng. Sci. 7 N°1(2021) 55-62. DOI: https://doi.org/10.48422/IMIST.PRSM/ajees-v7i1.23046.
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