PhD Yaroslav I. Studenyak
26 august 1965, married, three children

Current position: Head of Analytical chemistry department, State university 'Uzhgorod National University', Uzhgorod (Ukraine)

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High education
1982-89 study at the faculty of chemistry at Uzhgorod State University (M.Sc.), Ukraine,
1989-92 Post-graduate study (PhD) at Uzhgorod State University (department of analytical chemistry), Uzhgorod, Ukraine

Degrees
1989 chemist and teacher of chemistry at Uzhgorod State University (supervisor Prof. P.P.Kish), Uzhgorod, Ukraine, analytical chemistry;
1994 Candidat of sciences at Taras Shevchenko Kiev State University, Kiev Ukraine (supervisors Prof. P.P.Kish, Docent Yaroslav R. Bazel, work carried out in Uzhgorod State University, analytical chemistry department, Uzhgorod , Ukraine).

Carreer development
1993-1996 - Assistant Professor at Uzhgorod State University, Uzhgorod, Ukraine
1996-2014 - Docent of Analytical chemistry department, Uzhgorod National University, Uzhgorod, Ukraine
2014 – till now Head of Analytical chemistry department, Uzhgorod National University, Uzhgorod, Ukraine

Lecture Activity
Lecture courses for students in Uzhgorod National University: Analytical chemistry-Instrumental methods of analysis; Environmental Methods Control; Physical methods of analysis and metrology; Environment Analytical chemistry ; Chromatography; Special Topics of Chemistry.

Current Responsibility
Member of the editorial board " Naukovij Visnyk Uzhgorod University. Series Chemistry"
Member of Specialized Scientific Council for awarding for PhD on specialty of analytical and inorganic chemistry in Uzhgorod National University.

Main research interests: Chromophoric and ionoforic active substances of chemical sensors; organic reagents in potentiometric, spectrophotometric and extraction methods.

PhD supervisor
Fershal M.V. "Potentiometric sensors for boron determination in static and kinetic conditions" – 2012. Paley (Fizer) O.I. - in process, Zhukova Yu.P. - in process.

Publications
Textbooks
1. Studenyak Ya.I., Chundak S.Yu., Arokgaty S.T. Agrochemical methods of analysis. Laboratory practicum. Uzhgorod. Uzhgorod University Publisher, 1996.-24 p.
2. Studenyak Ya.I., Chundak S.Yu., Voronich O.G. Analysis of industrial objects. Laboratory practicum. Uzhgorod. Uzhgorod University Publisher, 1996.-48 p.

3. Studenyak Ya.I., Chromatography. Laboratory practicum. - Uzhgorod. Uzhgorod University Publisher, 1997.-58 p.
4. Chundak S.Yu., Balogh J.S., Bazel Ya.R., Zadorozhna E.M., Studenyak Ya.I., Voronich O.G. Kormosh G.O. Physic-chemical methods of analysis. Laboratory practicum. Uzhgorod. Uzhgorod University Publisher, 1999.- 73 p.
5. Studenyak Ya.I., Maga I.M., Schkumbatyk R.C. Special topics of Chemistry (Methods of chemical analysis). Laboratory practicum. Uzhgorod. Uzhgorod University Publisher, 2007.- 69 p.
6. Studenyak Ya.I., Voronich O.G., Sukhareva O.Yu., Fershal M.V., Bazel Ya.R. Practicum on Analytical Chemistry. Instrumental methods of analysis.- Uzhgorod. Uzhgorod University Publisher, 2014.- 128 p.

Patents

1. 1087889 (USSR) Method for palladium determination. Bazel Ya.R., Kish P.P. Studenyak Ya.I., Zimomrya I.I.-
2. 1797024 (USSR) Method for copper determination. Bazel Ya.R., Studenyak Ya.I., Ganich O.N., Kish P.P. Zimomrya I.I.
3. 354193 (USSR) Method for zinc determination. Kish P.P., Bazel Ya.R., Studenyak Ya.I., Zimomrya I.I.
4. 93006212 (Ukraine) Method of extraction-photometric determination of aluminum Chundak S.Y., Sukharev S.N., Studenyak Ya.I., Zimomrya I.I.
5. 20973A (Ukraine) Method of extraction-photometric determination of cobalt. Bazel Ya. R., Kushnir L.N., Studenyak Ya.I., Tolmachev A.A., Zimomrya I.I.
6. 18922A (Ukraine) Method of extraction-photometric determination of bismuth. Bazel Ya.R., Voronich O.G., Zimomrya I.I., Studenyak Ya.I.
7. 24774A (Ukraine) Method of extraction-photometric determination of tungsten. Bazel Ya.R., Kormosh Zh.O., Studenyak Ya.I., Zimomrya I.I.
8. 44119A (Ukraine) Method of extraction-photometric determination of platinum. Bazel Ya.R., Studenyak Ya.I., Kulakova T.O., Kormosh Zh.O.
9. 90769 (Ukraine) Method for ionometric determination of boron. Studenyak Ya.I., Fershal M.V., Kushnir L.N., Kotik O.N.
10. 87633 (Ukraine) Chemical sensor for measure of tetrafluoroborate-ions activity in solution. Studenyak Ya.I., Fershal M.V., Zimomrya I.I.

Articles: 43 in total (twenty selected).

1. Kish P. P., Bazel Y. R., Studenyak Y. I. Extraction of thiocyanate complexes of elements with basic dyes from water-organic medium. Extraction photometric determination of zinc // Journal of analytical chemistry, 1992, 47(7), 904-910.
2. Kish P. P., Studenyak Y. I., Bazel' Y. R. Extraction-photometric determination of copper in waters // Journal of Water Chemistry and Technology, 1992, 14, 579-582.
3. Bazel Y. R., Studenyak Y. I., Kish P. P. Extraction and photometric-determination of palladium in the presence of thiocyanate-ions and styrene dye // Izvestiya vysshikh uchebnykh zavedenii khimiya i khimicheskaya tekhnologiya, 1992, 35 (7), 25-30.
4. Kish P. P., Studenyak Y.I. Extraction-Photometric Determination of Zinc in Nickel Base Alloys // Industrial Laboratory (Russia), 1994, 59(9), 833-836.
5. Bazel Y. R., Studenyak Y. I., Kish P. P. State of cyanine dyes based on 1, 3, 3-trimethyl-3H-indolinium in aqueous and aqueous-organic media // Journal of analytical chemistry, 1993, 48(4), 451-460.
6. Bazel Y. R., Kushnir, L. N., Korzhova, E. P., Studenyak, Y. I., Tolmachev A. A. Extraction of thiocyanate complexes of elements with cyanine dyes from water-organic solutions. Extraction-photometric determination of cobalt (II).// Journal of analytical chemistry, 1994, *49*(7), 619-623.

7. Basel Y. R., Kormosh Z. O., Studenyak Y. I. Extraction of ionic associates of rhenium (VII) and basic cyanine dyes into mixed organic solvents // Ukrainian Chemistry Journal, 1996, 62, 48-52.
8. Bazel Y. R., Studenyak Y. I., Tolmachev A. A. Solvent extraction of thiocyanate complexes of elements with basic cyanine dyes from aqueous-organic solutions: Extraction-photometric determination of palladium (II) // Journal of analytical chemistry, 1999, 52(6), 536-541.
9. Voronich O. G., Bazel Y. R., Balog I. S., Studenyak Y. I. Absorption photometric determination of bismuth with bromide ions and cyanine dye. // Ukrainian chemistry journal, 1997, *63*(3), 31-33.
10. Kormosh Z. A., Bazel' Y. R., Studenyak Y. I., Tolmachev A. A. Analysis of natural and waste waters. Extraction-photometric determination of tungsten in waters. // Journal of Water Chemistry and Technology, 1999, *21*(9), 13-17.
11. Kormosh Z. A., Bazel Ya.R., Studenyak Y. I., Milyan P. M., Tolmachev A. A. Extraction-photometric determination of tungsten in Pb-Sb-W-O ferroelectric systems. // Industrial laboratory, 2000, *66*(9), 572-574.
12. Bazel Y.R., Kormosh Zh.O., Studenyak Y.I. The state of substituted indolenine dyes styryls // Ukrainian chemical journal, 2002, 68 (7-8), 55-59.
13. Studenyak I.P., Stefanovich V.O., Bilanchuk V.V., Panko V.V., Studenyak Ya. I. Influence of structural disordering on phonon and electron spectra of $Cu_{6+x}PS_5Br$ superionic crystals // Functional Materials, 2004, 11(2), 363-366.
14. Azhniuk Yu. M.; Lopushansky V. V.; Gomonnai A. V.; Yukhymchuk V. O.; Turok I. I.; Studenyak Ya. I. Spectroscopic studies of thermal treatment effect on the composition and size of CdS1‑xSex nanocrystals in borosilicate glass. // Journal of Physics and Chemistry of Solids, 2008, 69(1), 139-146. (**IF= 0,899**) http://www.sciencedirect.com/science/article/pii/S0022369707004702
15. Studenyak Ya.I., Fershal M.V. Kushnir L.N. Tetrafluoroborate-selective electrode on base 2-(n-ethylcarbazole-3)-ethenyl-1,3,3-trimethyl-3H-indolium // Methods and objects of chemical analysis (in Ukrainian), 2011, 6 (1), 16-21. http://www.moca.net.ua/11/2011-6-1ru/01062011-16-22.pdf
16. Billes F., Szabó A., Studenyak Y. Vibrational spectroscopic study on 2-[2-(4-dipropylamino-phenyl)-vinyl]-1,3,3-trimethyl-3H-indolium chloride // Spectrochimica Acta Part A. 2011, 78, 967–980. (**IF 1,566)** http://www.sciencedirect.com/science/article/pii/S1386142510006177
17. Bazel Ya. R., Kulakova T. A., Studenyak Ya. I., Serbin R., Rednik S., Andruch V. Extraction of platinum with Astrafloxin FF from aqueous-organic solutions: Separative extraction-spectrophotometric determination of platinum(II) and platinum(IV) species // Journal of Analytical Chemistry, 2012, 67(6), 519-526 **(IF-0,616)** http://link.springer.com/article/10.1134/S1061934812040077
18. Yaroslav Studenyak, Maksym Fershal, Larysa Kushnir, Alexander V. Gomonnai Tetrafluoroborate Selective Electrodes on the Basis of Cations with Delocalized Charge // Electroanalysis, 2012, 24(7), 1621–1629. **(IF-2.817)** http://onlinelibrary.wiley.com/doi/10.1002/elan.201200130/full
19. Martina Lešková, Yaroslav R. Bazel, Marcel Torok, Yaroslav Studenyak. Structure and properties of 2-[-2-(4-dipropylaminophenyl)-1-ethenyl]-1,3,3-trimethyl-3H-indolium chloride//Chemical Papers, 2013, 67(4), 415-422. (**IF 0,879**) http://link.springer.com/article/10.2478/s11696-012-0290-8
20. Zhukova Y.P., Studenyak Ya.I. Protolytic and spectrophotometric properties of 4-hydroxystyrene dyes// Naukovij Visnik Uzhgorod University. Series Chemistry, 2014, 2(32), 38-42. http://www.irbis-nbuv.gov.ua/cgi-bin/irbis_nbuv/cgiirbis_64.exe?C21COM=2&I21DBN=UJRN&P21DBN=UJRN&IMAGE_FILE_DOWNLOAD=1&Image_file_name=PDF/Nvuuchem_2014_2_11.pdf