Dana Belgibayeva
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Professional experience:
2018 till now Associate Professor of the Department of Chemistry
2014 –2017 a senior lecturer, candidate of chemical science of Eurasian National University, Astana, Kazakhstan.
2005-2007 - senior lecturer of the Department of Physical and Analytical Chemistry, Faculty of Chemistry of the Karaganda State university of name E.A. Buketov, Karaganda
2003-2005 - Lecturer of the Department of Physical and Analytical Chemistry, Faculty of Chemistry of the Karaganda State university of name E.A. Buketov, Karaganda
2001-2003 - Graduate School of the Chemistry Faculty of the Karaganda State university of name E.A. Buketov, Karaganda
2001- Engineer of laboratory chemical analysis of the Chemical and Metallurgical Institute, Karaganda
1999-2001- Masters School of Chemistry Faculty of the Karaganda State university of name E.A. Buketov, Karaganda
Awards:
2006-2008 – Scholarship for young and talented scientists of Republic Kazakhstan

Scientific degree, scientific school:
Candidate of Chemical Sciences.
E.A. Buketov named Karaganda State University. Dissertation council. Karaganda.

Scientific interests:
Ion-selective electrodes. Semiconductor Electrochemistry, complex compounds, nanocomposites

Research Grants:

2012-2014 -Ministry of Education and Science of the Republic Kazakhstan: "Evidence-based selection of domestic famous and artificially synthesized flotation reagents for flotation concentration of ores." Head of prof. Amerkhanova Sh.K.

Courses: Modern problems of physical chemistry(PHMP5206), Sorption processes in analytical chemistr(SPAC 5206), y, Methodological aspects of teaching analytical chemistry(AHOAA5206), Equilibrium and non-equilibrium thermodynamics. Chemical thermodynamics of solutions(HTRR 2206), Analytical chemistry(AH2204), Kinetics and electrochemistry(KE2209), Electrochemical and spectrophotometric methods of analysis(ESFMA3302).

Publications (selected):
1. Amerkhanova Sh.K., Shlyapov R.M., Uali A. S., **Belgibayeva D.S**. Prospects of application of iron-containing carbon-paste electrode in electrochemical analysis. MaterialsToday: Proceedings.-2021. https://doi.org/10.1016/j.matpr.2021.05.437
2. Belgibayeva D.S., Nurpeisova D.T, Aitmakhanova D.S. Polymer Nanocomposites of Iron Oxides. 30th Conference of the European Colloid and Interface Society: book of abstracts (4-9 Sept. 2016, Rome, Italy), P.370.
3. Amerkhanova Sh. K., **Belgibayeva D.S**., Shlyapov R.M., Uali A.S. The Electrode for Potentiometric Determination of Chromium (III, VI) in Water Solutions. Journal of Materials Science and Chemical Engineering.-2014. -Vol.1.-№2.-P. 52-56.
4.Amerkhanova Sh. K, **Belgibayeva D.S**., Uali A. S. Reactivity Rating of Indicators in the Polyvinyl Alcohol Solution. 24th Conference of the European Colloid and Interface Society: book of abstracts (5-10 September 2010, Prague, Czech Republic), P.2.64.
5.Amerkhanova Sh. K, **Belgibayeva D.S**., Uali A. S. Hydrodynamical properties and gel formation of polyvinyl alcohol. 23rd Conference of the European Colloid and Interface Society and 3rd Workshop of COST Action D43: book of abstracts (6-11 September 2009, Antalya, Turkey), P.IV.027
6.Amerkhanova Sh. K, **Belgibayeva D.S**.,Uali A. S. Chalcogenide electrodes in potentiometric control of processing of chalcogens. The IUMRS International Conference in Asia 2008 (IUMRS-ICA 2008): CD of abstracts (9-13 December 2008, Nagoya Congress Center, Nagoya, Japan), LP1.
7. **Patent**. Amerkhanova Sh. K., **Serikpayeva D.S.** The method of potentiometric determination of lead using chalcogenide sensors. № 13190G01N27/48. Date 15.08.2006.
8. **Serikpayeva D.S.,** Amerkhanova Sh. K. Thermodynamic study of amino acid complexes of copper (II) and iron (II) using chalcogenide electrodes. Russian Journal of Physical Chemistry.- 2003.- V.77, №2.- P.376-378. Impact Factor 0.63