

Valerii Mank

Doctor of science, professor, academician of the Engineering Academy of Ukraine.

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Place of work	National University of Food Technologies, Kyiv, Ukraine
Main Position	Professor of Department of Technology of Fat, Perfumery and Cosmetics Products

Education			
Education (scientific) level	Specialty	Year	Institution
Doctor of sciences	Physical chemistry	1980	Institute of Colloid and Water Chemistry of the National Academy of Sciences of Ukraine, Kyiv
PhD	Radiophysics	1967	Physics and Technology Research Institute of Low Temperatures of the National Academy of Sciences, Kharkiv, Ukraine
Master of Science	Aviation technique	1961	Kharkiv Aviation Institute, Kharkiv, Ukraine
Master of Science	Repair and exploitation of automobiles and crawler machines	1960	Kharkiv Automobile and Road Institute, Kharkiv, Ukraine

Languages	
English	Independent user
Ukrainian	Native language
Russian	Native language

Work experience		
Years (from... to...)	Position	Institution
1960–1961	Assistant lecturer	Kharkiv Aviation Institute, Kharkiv, Ukraine
1962–1968	PhD student	Physics and Technology Research Institute of Low Temperatures of the National Academy of Sciences, Kharkiv, Ukraine
1968–2008	Associate professor	Institute of Colloid and Water Chemistry of the National Academy of Sciences of Ukraine, Kyiv
1998–2013	Professor, chair of the Department of Physical and Colloidal Chemistry	National University of Food Technologies, Kyiv, Ukraine
From 2013	Professor of Department of Technology of Fat, Perfumery and Cosmetics Products	National University of Food Technologies, Kyiv, Ukraine

Organizational and scientific work	
Position	Institution
Editor-in-Chief of the scientific journal “Ukrainian Food Journal”	National University of Food Technologies, Kyiv, Ukraine
Member of the editorial boards of scientific Journal “Fat-and-oil complex”	Journal “Fat-and-oil complex”, Kyiv, Ukraine
Member of Specialized academic council for the defense of dissertations, specialty “Physical and colloidal chemistry”	Institute of Colloid and Water Chemistry of the National Academy of Sciences of Ukraine, Kyiv
Member of Specialized academic council for the defense of dissertations, specialty “Physical and colloidal chemistry”	Institute of biocolloidal chemistry of the National Academy of Sciences of Ukraine, Kyiv

Scientific work

Scientific directions

1. Physical chemistry and technology of food products
2. Rheology of food products
3. Radio spectroscopy of heterogeneous systems
4. Physics and chemistry of water
5. Adsorption of polysaccharides and other surfactants in food technologies

Guidance and counseling

Defended PhD students – 30
Defended doctors of science – 9

Publication

Total number	More than 850
Articles in the scientific journals	More than 200
Patents	47
Books	6

Main publication:

1. Kopilevich V.A., Maksin, V.I., Surovtsev I.V. Panchuk T.K., Mank V.V. (2015), Inversion-chronopotentiometric determination of microquantities of nickel and cobalt in waters, *Journal of Water Chemistry and Technology*
2. Galimova V.M., Surovtsev I.V., Mank V.V., Kopilevich V.A., Maksin, V.I. (2013), Inversion-chronopotentiometric analysis of mercury in water, *Journal of Water Chemistry and Technology*
3. Galimova V.M., Surovtsev I.V., Mank V.V., Maksin V.I., Kopilevich V.A. (2012), Determination of arsenic in the water using the method of inversion chronopotentiometry, *Journal of Water Chemistry and Technology*
4. Mank V.V., Mel'nik O.P., Trachevskii V.V. (2011), The role of water in the processes of structure formation of biopolymers, *Journal of Water Chemistry and Technology*
5. Galimova V.M., Mank V.V., Maksin V.I., Surovtseva T.V. (2011), The assessment of the state of pollution of the waters of the Trascarpathian rivers with heavy metals, *Journal of Water Chemistry and Technology*
6. Surovtsev I.V., Galimova, V.M., Mank, V.V., Kopilevich, V.A. (2009), Determination of heavy metals in aqueous ecosystems by the method of inversion chronopotentiometry, *Journal of Water Chemistry and Technology*
7. Mank V.V., Melnyk L.N. (2005), Use of clay minerals for adsorptive clearing of aqueous-alcoholic solutions, *Acta Geodynamica et Geomaterialia*
8. Mel'nik L.M., Mank V.V., Stetsenko, N.O. (2004), Dehydration of aqueous-alcoholic solutions by means of zeolites, *Ukrainskij Khimicheskij Zhurnal*
9. Mank V.V. (2002), The improved chemical tracer technique for bound water determination, *Colloid Journal*
10. Mank V.V. (2002), The improved chemical tracer technique for bound water determination, *Kolloidnyj Zhurnal*
11. Lebovka, N.I., Mank, V.V., Makovetsky, V.P., Pivovarova, N.S. (1999), Colloids and Surfaces A: Physicochemical and Engineering Aspects, *Recondensation model for dispersions in one dimension*
12. Volovyk L.S., Kovalevsjka S.I., Mank V.V. (2011), *Colloidal chemistry. Textbook*, NUFT, Kyiv, ISBN 978-966-612-107-6. [In Ukrainian language]
13. Volovyk L.S., Kovalevsjka S.I., Mank V.V., Miroshnikov O.M. (2007), *Physical chemistry. Textbook*, Inkos, Kyiv, ISBN 966-8347-50-X. [In Ukrainian language]