

Professor Vladimir N. ZAITSEV

11 October 1958, married with three children

ResearcherID: H-7295-2012, **ORCID:** 0000-0001-5067-3658

Google scholar: <http://scholar.google.com.ua/citations?user=BB01no4AAAAJ&hl>

Email: vnzaitsev@gmail.com

Current position: Professor at Pontificia Universidade Católica do Rio de Janeiro (Brazil)

Current work address: R. Marquês de São Vicente, 225 Rio de Janeiro, 22453-900 Brazil

Fields of interest: Application of functional solids in chemical analysis and sample pre-treatment.
Materials for sensors, adsorbents. SPE and MSPE. Interfacial equilibria

High education

1976-81 **University** (M.Sc.) at Kiev State University, Kiev Ukraine in Inorganic Chemistry

1981-84 **Post-graduate education** (PhD) at Kiev State University, Kiev Ukraine

Degrees

1981 **Spetsialist** at Kiev State University (supervisor Prof. Viktor Skopenko), Kiev Ukraine, inorganic chemistry (honored);

1985 **Kandidat of sciences** at Kiev State University (Advisor Prof. Viktor Skopenko), Kiev Ukraine, inorganic chemistry;

1997 **Doctor of sciences** at Taras Shevchenko University, Kiev Ukraine, analytical chemistry

Career development

2014 – till now Professor at Pontificia Universidade Católica do Rio de Janeiro, Brazil

2012 – 2014 Professor at Taras Shevchenko National University, Kiev Ukraine

2000- 20 12 Chair of Analytical chemistry department, Taras Shevchenko National University, Kiev

1997- 2000 Professor at Taras Shevchenko National University, Kiev Ukraine

1992- 1997 Docent at Kiev State University (now T. Shevchenko University) Kiev Ukraine

1991 - 1985 Assistant Professor at Kiev State University

Research education abroad

10/90 – 08/91 **Post-doctoral** the British Council scholarship at University of Southampton, England (Prof. John Evans)

02/95 – 08/95 **Post-doctoral** Fulbright research fellowship at Texas A&M University, College Station USA (Professor David Bergbreiter)

Research abroad

2000 **Visiting researcher** for 1 months at University of Campinas with Professor G. Yoshitaka, Campinas, Brazil

2004 - **Visiting researcher** for 10 months at LPM-UMR 5511-CNRS/INSA Lyon, France

2009 - **Visiting professor** for 1 month at Laboratoire Interdisciplinaire Carnot de Bourgogne UMR 5209 CNRS-Universite' de Bourgogne, Dijon France

2012- **Visiting professor** (Joliot Chair) in ESPCI ParisTech, Paris France

International research projects

FP7- IRSES: 2009 (No.247603), 2010 (No.269099), 2012 (No. 319013)

NATO Sfp: 2002 (No.97-1896), 2005 (No.98-1786)

INTAS 1995 (No.94-2522), 1997 (No. 97-1116), 2002 (No. 00-291)

International Science Foundation (USA) Long term research Grant (1994-1995)

Awards and Honours

The British Council Scholarship **1990**

Fulbright fellowship **1995**

Soros' docent – Award from International Science Foundation (USA) **1997**

National Ukraine state Prize in science and technology **2007**

Elected to National Academy of Sciences of Ukraine as a correspondent member **2009**

Current Responsibility

Head of Scientific Council of Analytical Chemistry at Academy of Sciences of Ukraine

Editor of a scientific journal “Methods and objects of chemical analysis”

Member of State Accreditation Committee at Ministry of high education and sciences of Ukraine

Member of Analytical division of European Association of Chemical Societies

Member of Taras Shevchenko University scientific Council

Member of Scientific Advisory Committee in Organisation of Prohibition of Chemical Weapons (OPCW)

Publications: Articles – 156 (96 in Scopus), Books – 8, Patents - 14

Books

1. Zaitsev, V.N. Complexing silicas: preparation, structure of bonded layer, surface chemistry. Kharkov: Folio, 1997, 240 p.
2. Kholin, Yu.V., Zaitsev, V.N. Metal complexes on chemically modified silica. Kharkov: Folio, 1997, 135 p.
3. Zaitsev V.N., Savransky L.I. Functionalized porous materials for analytical chemistry. Kiev: Kiev University publisher, 2004, 169 p.

Textbooks

1. Khalaf V.A., Zaitsev V.N. Methods of sample preparation in HPLC. Textbook for MS students. Kiev: Kiev University Publisher, 2013, 295 p.
2. Alemasova A.S., Zaitsev V.M., Yenalyeva L.Y., Shchepina N.D., Hozhdzinskyy S.M. Analytical chemistry for BS students, Donetsk: Knowledge, 2010, 418 p.
3. Zui M.F., Zaitsev V.N., Kostenko L.S. Chemical aspects of global warming, Kiev: Naukova Dumka, 2003, 120 p.
4. Pylypenko L.A., Kolomiyets L.L., Pylypyuk Y.S., Zaitsev V.N. Guidelines for laboratory work in analytical chemistry for students of biological and geographical departments, Kiev: Kiev University Publisher, 2003, 149 p.
5. Klibus H.K., Kolomiyets L.L., Pylypenko L.A., Zaitsev V.N. Guidelines for laboratory works for Analytical Chemistry for students of chemistry departments. Kiev: Kiev University Publisher, 2006, 181 p.