



Larisa Lvova

Ricercatrice TDb

SSD: CHIM/07 Fondamenti Chimici per le Tecnologie

Stanza: 10 | Settore: Chim. Gen. Inorg. | Livello: A

Telefono: (+39) 06 7259 4732

Email: larisa.lvova@uniroma2.it

Biographical Info

L. Lvova was born in Russia, in 1974. She received her M.S. (1996), Ph.D. (1999) degrees in physical chemistry and Dr.Sc. (2017) degree in Analytical Chemistry from St. Petersburg State University, Russia, and Ph.D. (2012) in Chemical Sciences from “Tor Vergata” University, Rome, Italy. As a Postdoctoral Fellow, L. Lvova worked in the Chemical Sensors Research Group at the Chemistry Department of Kwangwoon University, Seoul, South Korea (2000-2001) and in Sensors Group at the Department of Chemical Science and Technology of Tor Vergata University, Rome, Italy (2003-2004, 2012-2018). From November 2019 she is a researcher (RTDb) at STC Department. Since 2006 Dr. Lvova has been involved in didactical activity teaching General Chemistry for the Engineering and the Chemistry students of the University of Rome “Tor Vergata”.

L. Lvova research work is concerned with the design, synthesis and characterization of novel sensing materials for chemical sensors, both electrochemical and optical, and their application for qualitative and quantitative analysis of complex liquid media. The elaboration of the new analytical procedures and sensitive materials with different transduction principles for application in multisensory systems mimicking artificial olfaction and taste systems, electronic nose and electronic tongue in particular, implementation of chemometric methods of data analysis for artificial sensing systems output elaboration, and applications of such multisensory systems for ecological monitoring, industrial processes control, beverages and foodstuff analysis, clinical analysis, etc, represent main areas of Dr. Lvova scientific interest.

She is author or coauthor of more than 50 peer-reviewed publications in international indexed journals and over 70 presentations in International and National meetings, author of 8 book chapters, main Editor of 2 multi-authored volumes, Guest Editor of Special Issues of Sensors and Actuators B (Elsevier), Sensors (MDPI), Chemosensors (MDPI), Frontiers in Chemistry (Frontiers publishing). Dr. Lvova is the member of Editor board of Journal of Analytical Methods in Chemistry (ISSN: 2090-8865, Hindawi publishing) and a reviewer for the following journals: Analyst, Analytical Methods, RCS Advances, ChemComm, New Journal of Chemistry, Microchimica Acta, Talanta, Sensors and Actuators B, Food Chemistry, Biosensors and Bioelectronics, Analytica Chimica Acta, Electroanalysis, Sensors, Water, Chemosensors,

Micromachines, Electronics, Journal of Porphyrins and Phthalocyanines, Sensor Letters, Frontiers in Chemistry.

Scopus: <https://www.scopus.com/authid/detail.uri?authorId=6603451079>

Orcid: <https://orcid.org/0000-0002-1137-6973>

Google scholar: <https://scholar.google.com/citations?user=ZrBQqbkpOMC&hl=it&oi=ao>

Loop: <https://loop.frontiersin.org/people/455664/overview>