



Europass Curriculum Vitae

Personal information

Surname(s) / First name(s) **Velikova Nikolova Maria**

Address(es) Makedonia 49, Entr.A, Ap.5
8000 Bourgas (Bulgaria)

Telephone(s) +359 56 815545 Mobile | +359 88 6950537

E-mail(s) velikova@btu.bg

Nationality Bulgarian

Date of birth 05 November 1951

Gender Female

Work experience

Dates 2004 →

Occupation or position held Research scientist

Main activities and responsibilities Metabolism of xenobiotics - in vivo and in vitro.

Name and address of employer Laboratory of Mathematical Chemistry
University "Prof. As. Zlatarov" Bourgas
BULGARIA

Type of business or sector Research

Dates 2001 →

Occupation or position held Associate Professor

Main activities and responsibilities Teaching

Name and address of employer Department of Physical Chemistry University "Prof. As. Zlatarov"
1 Yakimov Str.
Bourgas 8010
BULGARIA

Type of business or sector Education

Dates 1988 - 2001

Occupation or position held Assistant Professor

Main activities and responsibilities Teaching

Name and address of employer Department of Physical Chemistry University "Prof. As. Zlatarov"
1 Yakimov Str.
Bourgas 8010
BULGARIA

Type of business or sector Education

Dates 1975 - 1988

Occupation or position held Scientist Researcher

Main activities and responsibilities Polymerization of ethene. Adsorbtion, kinetik and catalysis. Name
and address of employer Department of Physical Chemistry University "Prof. As. Zlatarov"
1 Yakimov Str.
Bourgas 8010
BULGARIA

Type of business or sector | Research

Education and training

Dates | 1988 →

Title of qualification awarded | Ph. D.

Principal subjects / occupational skills covered | Polymerisation of ethene. Kinetik and catalysis.

Name and type of organisation providing education and training | University "Prof. Asen Zlatarov", Bourgas, Bulgaria
Saint Petersburg Stat Institute of tehnology, Russia

Dates | 1969 - 1975

Title of qualification awarded | M.Sc.

Principal subjects / occupational skills covered | High-molecular compounds

Name and type of organisation providing education and training | University "Prof. Asen Zlatarov", Bourgas, Bulgaria

Personal skills and competences

Mother tongue(s) | **Bulgarian**

Other language(s)

Self-assessment
European level ()*

English

Russian

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user
B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user

(*) [Common European Framework of Reference \(CEF\) level](#)

Social skills and competences | Ability to work in team and to adapt to multicultural environments

Computer skills and competences | Good command of Microsoft Office tools (Word, Excel and PowerPoint)

Additional information

Publications:

1. Panayotov D., M. Khristova, M. Velikova, Interactions NO-CO and O2-NO-CO on supported Pt, Rh and Pt-Rh catalysts, Appl. Catalysis B, 9, 107-132, 1996.
2. Velikova M., L. Minkova, D. Damyanov, S. Rangelov, The influence of polymerization conditions on the structure and properties of high molecular weight polyethylene obtained on supported vanadium catalyst system, European Polymer Journal, 33, 403-409, 1997.
3. Velikova M., N. Simeonova, Einflub der molmasse und des kristallinitatsgrades auf die eigenschaften von PE-UHMW, TECHNOMER'99, 11-13 november 1999, Chemnitz, band 2, 1-5.
4. Velikova M., D. Damyanov, Effects of monomer pressure and supported titanium catalyst concentration on polymerization of ethylene, 9th International Symposium on Heterogeneous Catalysis, 23-27 september 2000, 265-2705.
5. Velikova M., D. Damyanov, Effects of carrier nature and monomer pressure on polymerization of ethylene with high activity catalyst system, Polymer Bulletin, 44, 203-208, 2000.
6. Velikova M., Study of the effect of the nature of catalyst systems on the molecular structure and properties of ultra-high molecular weight polyethylene, European Polymer Journal, 37, 1255-1262, 2001.
7. Atanasov A., M. Velikova, D. Koleva, Properties of composite materials from ultra-high molecular weight polyethene with fibrous or dispersed fillers, Proceedings of 10th International Conference on Mechanics and Technology of Composite Materials, September 15-17, 2003, Sofia, 241-246.

8. Godjevargova Ts., M. Velikova, N. Vasileva, N. Dimva, D. Damyanov, MetallochEJate immobilization of urease on to amorphous SiO₂, Process biochemistry, 40, 3045-3049, 2005.

9. Kolanczyk R., P. Schmieder, W. Jones, O. Mekenyan, A.. Chapkanov, S. Temelkov, S. Kotov, M. Velikova, V. Kamenska, K. Vasilev, G. Veith, MetaPath: An electronic knowledge base for collating, exchanging and modeling case studies of xenobiotic metabolism, Regulatory Toxicology and Pharmacology, 63, 84-96, 2012.