## JIOPASS Curriculum Vitae

PERSONAL **INFORMATION** 

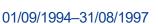
## Zoltán Kónya

WORK EXPERIENCE

- Rerrich Béla tér 1., 6720 Szeged (Hungary)
- **\*** +36 62 544620
- konya@chem.u-szeged.hu
- 1 http://www.staff.u-szeged.hu/~konya/index.html

01/09/1997–31/08/2012	Teacher assistant, Assistant lecturer, Lecturer University of Szeged, Department of Applied & Environmental Chemistry		
Main activities and responsibilities	Research project on synthesis, characterization and possible application of carbon nanotubes;		
teaching activity	industrial chemistry, chemical engineering		
01/09/2012-Present	Professor, Head of Department University of Szeged, Department of Applied & Environmental Chemistry		
Main activities and responsibilities	Supervising and control of several research projects on nanotechnology; synthesis and characterization of nanostructured systems, study of their application in		
teaching activity	biology and material science; industrial chemistry, chemical engineering, heterogeneous catalysis, nanotechnology, nanocomposites; director of Environmental Science Doctoral School		
01/07/2012-Present	Head of Group MTA-SZTE Reaction Kinetics and Surface Chemistry Research Group		
Main activities and responsibilities	Supervising and control of several research projects on surface chemistry of 2D materials and nanocomposites		
01/07/2018–Present	Vice-Rector for Scientific Affairs & Innovation University of Szeged		
Main activities and responsibilities	Development and control of the scientific and innovation strategy of the University of Szeged		
EDUCATION & TRAINING			
01/09/1989–30/06/1994	Chemistry MSc EQF level 7 University of Szeged, Szeged (Hungary)		
01/09/1995–30/06/1997	Environmental Sciences MSc EQF level 7 University of Szeged, Szeged (Hungary)		
01/00/100/ 21/08/1007	PhD in Chemistry EQF level 8		

University of Szeged, Szeged (Hungary)





PERSONAL SKILLS						
Mother tongue(s)	Hungarian					
Other language(s)	UNDERSTANDING		SPEAKING		WRITING	
	Listening	Reading	Spoken interaction	Spoken production		
English	C2	C2	C2	C2	C2	
	Levels: A1/A2: Basic Common European			: Proficient user		
Communication skills	good communication skills gained through my experience as visiting researcher in Belgium and US					
Organisational / managerial skills	leadership (currently responsible for a team of 30 people); good team-leading skills gained as head of the Department					
Job-related skills	mentoring skills (as senior researcher, I am responsible for the training and induction of new students and young researchers)					
Computer skills	good command of office suite (word processor, spread sheet, presentation software)					
ADDITIONAL INFORMATION						
	Number of publications: >600					

Number of independent citations: ~9500 Cumulative Impact Factor: >1500 Hirsch Index: 56 (Scopus) / 63 (Google Scholar)

## Awards

2000-2003. Bolyai János Research Grant 2003-2004. Magyary Zoltán Research Grant 2004. Polányi Mihály Award 2004-2007. Bolyai János Research Grant 2015. OTDT "Mestertanár" Award 2015. Hungarian Academy of Sciences Pungor Ernő Award 2017. George Hevesy Award, German Chemical Society 2018. MTA Patent Award 2018. Gábor Dénes Award 2019. Hungarian Order of Merit, Commander's Cross

Closed projects	Year	Acronym	Title	Status	Támogatás
(From 2010)	2010-2013	FP7 NAPEP	Nanotechnology platform for electronics and photonics (FP7 RTD INCO.2010-6.1-NAPEP)	PI	178 kEUR
	2010-2013	FP7 ThemaCNT	Thermal management with carbon nanotube architectures (FP7 NMP-2008-SMALL-2-ThemaCNT)	PI	220 kEUR
	2011-2014	IPA HU-SRB	Development of new materials for application in environmentally friendly technologies for the cost- effective remediation of contaminated sites (HUSRB/1002/214/188)	PI	189 kEUR
	2010-2012	TAMOP 4.2.1B	Center of Excellence at the University of Szeged	co-Pl	121 MHUF
	2012-2014	TAMOP 4.2.2A	Új, funkcionális anyagok által kiváltott biológiai és környezeti válaszok	PI	492 MHUF



Ongoing projects	2012-2015	FP7 SusFoFlex	Smart and Sustainable Food Packaging Utilizing Flexible Printed Intelligence and Materials Technologies (FP7-KBBE-2011-5)	ΡI	211 kEUR
	2012-2017	MTA	Surface Chemistry and Reaction Kinetics Research Gr.	ΡI	150 MHUF
	2016-2021	GINOP 2.3.2	Functional surfaces based intelligent materials – from synthesis to application		791 MHUF
	2017-2021	GINOP 2.3.3	Complex Surface Characterization Center	ΡI	672 MHUF
	2016-2020	OTKA K120115	Controlled growth of metal nanoparticles on atomically thin 2D insulator and conductive films and their role in surface catalytic reactions		39,5 MHUF
	2017-2022	MTA	Surface Chemistry and Reaction Kinetics Research Gr.	ΡI	145 MHUF
	2020-2023	OTKA SNN135918	Synthesis and Application of Visible Light-Responsive Conjugated Polymer–Semiconducting Oxide Nanoassemblies for Photocatalytic Detoxification of Wastewaters	PI	30,36 MFt
	2020-2023	GINOP 2.3.4	Sustainable Green Chemistry & Mobility Competence Center	ΡI	4000 MHUF
	2021-2025	OTKA K138714	Fabrication, characterization and catalytic application of low-dimensional carbon- and metal-modified boron nitride		39,4 MFt
	2021-2024	619413-EPP-1- 2020-1-HU- EPPKA2-CBHE-JP	Erasmus+ TAckling the Climate change through Modernizing Environmental Engineering program (TACMEE)	PI	991 kEUR
	2022-2026	TKP2021-NVA-19	Materials Science and photonics	ΡI	1200 MHUF
	2022-2027	ELKH-SZTE	Surface Chemistry and Reaction Kinetics Research Gr.	ΡI	160 MHUF

## International cooperations

Through EU FP5, FP6 and FP7 projects and personal acquaintance: Azerbaijan, Finland, Italy, Spain, Deutschland, Switzerland, Serbia, Slovenia, Romania, Sweden, Taiwan, Portugal, USA, Japan, Thailand, Mongolia

Szeged, 2023. January

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