



Formular për punën shkencore të realizuar Формулар за реализирана научна работа Form for realized Scientific Work

Formulari i nënshkruar dhe me email duhet ti dorezohet Dekanit dhe ai e dorezon te pro-rektori për shkencë
Формуларот пополнет и потписан преку емаил треба се достави до деканот а тој до проректорот за наука.
The form should be delivered signed hard copy and emailed to the Dean of Faculty and he to Vice Rector for Science

Emri Mbiemri (dhe Nënshkrimi) Име Презиме (и Потпис)	Olga Popovska Олга Поповска
Titulli akademik (data dhe viti kur eshte marur) Наставно-научно звање (датум и год кога е добиена)	Docent Доцент
Drejtimi / Fakulteti Смер / Факултет	Fakulteti i shkencave tekologjike Факултет за Технолошки Науки
Fusha e punimeve shkencore (Frascati) Области на трудовите (Frascati)	Kimi (10700) Хемија (10700)

Published Research in the past 5 years (List all papers under proper time category starting with most recent)
Hulumtimi i Publikuar ne 5 vitet e fundit (Listoi te gjitha punimet me renditje kohore, duke filluar nga i fundit)
Публикувани трудови во последните 5 години (Излистај ги сите по хронолошки аспект почнувајќи од последната)

CONFERENCES - Konferencat – Конференции

Local Conference (2015-2020)

1	Reference	O. Popovska , Methods for analysis of water in workshop "New methods in surveying the level of air, water and soil pollution in the Republic of Macedonia", 12.09.2018
	Link published	http://www.unt.edu.mk/ (The workshop is not online available)
2	Reference	O. Popovska , Results of analysis of surfactants in samples of drinking water and natural watercourses and in treated wastewater in the Conference "Presentation of the results of the air, water and soil pollution research in the Republic of Macedonia by applying new methods ", 27.09.2018
	Link published	http://unt.edu.mk/sq/2018/09/27/projekt-hulumtimi-dhe-zhvillimi-i-metodave-per-percaktim-te-substancave-ndotese-te-ajrit-ujit-dhe-tokes/
3	Reference	O. Popovska , "Curriculum development for vocational studies. State of play needs and vision" MTU, 12–15.06.2018
	Link published	http://www.unt.edu.mk/ (The conference is not online available)

National Conference (2015-2020)

1	Reference	
	Link published	
2	Reference	
	Link published	

International Conference (2015-2020)

1	Reference	A. Sabriu-Haxhijaha, O. Popovska , Z. Mustafa, Thin-layer chromatography analysis of <i>Nigella Sativa L.</i> essential oil, Nutricon (food quality and safety, health and nutrition), 12th–14th June, Ohrid, Macedonia, Book of Abstracts, 2019, p. 83.
	Link published	http://www.keyevent.org/ (The Book of Abstracts is not online available)
2	Reference	N. Limani, D. Abazi, O. Popovska , A. Latifi, A. Reka, Characterization of honey:

		<i>determination of metal and sugar content, 3rd International Science Congress of Materials and Polymers (ISCM), Prishtina, Kosovo, 2019, p. 45.</i>
	Link published	http://iscmp.org/ckfinder/userfiles/files/ISCM%20SON%201%20Kas%C4%B1m%202019%20(1).pdf
3	Reference	<i>A. Sabriu-Haxhijaha, Z. Saiti-Musliji, Z. Mustafa, O. Popovska, A. Pollozhani, A sustainable UV-Vis spectrophotometric method for fluoride determination”, 3rd International Conference Towards Sustainable Development (TSD’2019). “Empowering Collaborative and Prosperous society Through Sustainable Development”, 2019, p. 39.</i>
	Link published	https://conference.unt.edu.mk/wp-content/uploads/2020/02/TSD-ABSTRACT-2019.pdf
4	Reference	<i>N. Limani, D. Abzai, O. Popovska, A. Latifi, A. Reka, Determination of sugar, acid and moisture content in honey”, 3rd International Conference Towards Sustainable Development (TSD’2019). “Empowering Collaborative and Prosperous society Through Sustainable Development”, 2019, p. 29.</i>
	Link published	https://conference.unt.edu.mk/wp-content/uploads/2020/02/TSD-ABSTRACT-2019.pdf
5	Reference	<i>N. Todorovska, O. Popovska, “A comparative study between traditional dyeing and introducing liposomes”, 3rd International Conference Towards Sustainable Development (TSD’2019). “Empowering Collaborative and Prosperous society Through Sustainable Development”, 2019, p. 42.</i>
	Link published	https://conference.unt.edu.mk/wp-content/uploads/2020/02/TSD-ABSTRACT-2019.pdf
6	Reference	<i>A. Ganiji, O. Popovska, S. Demiri, “The importance of introducing nanotechnology in the educational process”, 3rd International Conference Towards Sustainable Development (TSD’2019). “Empowering Collaborative and Prosperous society Through Sustainable Development”, 2019, p 55.</i>
	Link published	https://conference.unt.edu.mk/wp-content/uploads/2020/02/TSD-ABSTRACT-2019.pdf
7	Reference	<i>O. Popovska, S. Demiri, <i>The Most Common Mistakes Chemistry Science Students Make: How To Avoid Them?</i>, 2nd International Conference Towards Sustainable Development (TSD’2018). “Sustainable development in the Western Balkans: approaches, short-comings and challenges”, 2018, p. 84.</i>
	Link published	https://conference.unt.edu.mk/wp-content/uploads/2017/06/TSD-ABSTRACT-2018.pdf
8	Reference	<i>S. Demiri, O. Popovska, A. Sabriu-Haxhijaha, Z. T. Popovski, E. Miskoska-Milevska, M. Lutovska, A. Pollozhani, Development of new techniques for estimation of air, water and soil quality in the Republic of Macedonia, 2nd International Conference Towards Sustainable Development (TSD’2018). “Sustainable development in the Western Balkans: approaches, short-comings and challenges”, 2018, p. 68.</i>
	Link published	https://conference.unt.edu.mk/wp-content/uploads/2017/06/TSD-ABSTRACT-2018.pdf
9	Reference	<i>A. Sabriu-Haxhijaha, O. Popovska, Zana Mustafa, “Phytocemical screening of anioxidative compounds and reductive ability of Nigella sativa seed extracts”, 2nd International Conference Towards Sustainable Development (TSD’2018). “Sustainable development in the Western Balkans: approaches, short-comings and challenges”, 2018, p. 86.</i>
	Link published	https://conference.unt.edu.mk/wp-content/uploads/2017/06/TSD-ABSTRACT-2018.pdf
10	Reference	<i>S. Aliu, O. Popovska, <i>The Impact of Contemporary Technology on Chemistry Education</i>, 2nd International Conference Towards Sustainable Development (TSD’2018). “Sustainable development in the Western Balkans: approaches, short-comings and challenges”, 2018, p. 63.</i>

	Link published	https://conference.unt.edu.mk/wp-content/uploads/2017/06/TSD-ABSTRACT-2018.pdf
11	Reference	Z. T. Popovski, O. Popovska , S. Demiri, Z. Saiti-Musliji, D. Dimovska, A. Sabriu-Haxhijaha, A. Pollozhani, <i>Strengthening of biotechnological education in Macedonia as an important development component, 2nd International Conference Towards Sustainable Development (TSD'2018). "Sustainable development in the Western Balkans: approaches, short-comings and challenges"</i> , 2018, p. 14.
	Link published	https://conference.unt.edu.mk/wp-content/uploads/2017/06/TSD-ABSTRACT-2018.pdf
12	Reference	O. Popovska , S. Demiri, S. Aliu, A. Hamidi, A. Pollozhani, <i>Analysis of essential oil isolated from rosemary, Nutricon (food quality and safety, health and nutrition), 5th-7th October, Skopje, Republic of Macedonia, Book of Abstracts</i> , 2017, p. 57
	Link published	http://www.keyevent.org/ (The Book of Abstracts is not online available)
13	Reference	S. Demiri, S. Aliu, A. Hamidi, O. Popovska , <i>Implementing new approaches in chemistry teaching methods, 1st International Conference Towards Sustainable Development (TSD'2017). "Sustainable development in the Western Balkans: approaches, short-comings and challenges"</i> , 2017, p. 59
	Link published	https://conference.unt.edu.mk/wp-content/uploads/2019/09/Abstract-Book-1.pdf
14	Reference	A. Grazhdani, S. Aliu, O. Popovska , <i>Branched-chain amino acids: metabolic role in human's body, 1st International Conference Towards Sustainable Development (TSD'2017). "Sustainable development in the Western Balkans: approaches, short-comings and challenges"</i> , 2017, p. 39
	Link published	https://conference.unt.edu.mk/wp-content/uploads/2019/09/Abstract-Book-1.pdf
15	Reference	M. Ramani, O. Popovska , S. Demiri, <i>Constitutional Parts in the Red Hot Chilli Pepper, 1st International Conference Towards Sustainable Development (TSD'2017). "Sustainable development in the Western Balkans: approaches, short-comings and challenges"</i> , 2017, p. 48
	Link published	https://conference.unt.edu.mk/wp-content/uploads/2019/09/Abstract-Book-1.pdf
16	Reference	Xh. Limani, A. Hamidi, O. Popovska , <i>Compounds in fermented milk products, 1st International Conference Towards "Sustainable Development (TSD'2017). Sustainable development in the Western Balkans: approaches, short-comings and challenges"</i> , 2017, p. 46
	Link published	https://conference.unt.edu.mk/wp-content/uploads/2019/09/Abstract-Book-1.pdf
17	Reference	O. Popovska , E. Trajkoska-Bojadziska, J. Simonovska, Z. Kavrakovski, V. Rafajlovska, <i>Formulation and evaluation of ketoconazole liposomes using injection method, presented at International Eurasia Pharmacy Congress, 3-7 September, Erzincan, the Republic of Turkey, Book of Abstracts, p-p. 65-66, 2015.</i>
	Link published	https://erpharmacy.ebyu.edu.tr/ (The Book of Abstracts is not online available)
18	Reference	E. Trajkoska-Bojadziska, J. Simonovska, O. Popovska , Z. Kavrakovski, V. Rafajlovska, <i>Development of a nanoemulsion formulation of wild oregano essential oil, presented at International Eurasia Pharmacy Congress, 3-7 September, Erzincan, the Republic of Turkey, Book of Abstracts, p-p. 69-60, 2015 (awarded as the second poster).</i>
	Link published	https://erpharmacy.ebyu.edu.tr/ (The Book of Abstracts is not online available)
19	Reference	J. Simonovska, O. Popovska , E. Trajkoska-Bojadziska, Z. Kavrakovski, V. Rafajlovska, <i>Development and validation of an UV spectrophotometric method for the determination of</i>

		<i>capsaicin in the red hot chilli pepper, presented at International Eurasia Pharmacy Congress, 3–7 September, Erzincan, the Republic of Turkey, Book of Abstracts, p–p. 66–67, 2015.</i>
	Link published	https://erpharmacy.ebyu.edu.tr/ (The Book of Abstracts is not online available)
20	Reference	<i>J. Simonovska, O. Popovska, E. Trajkoska-Bojadziska, Z. Kavrakovski, V. Rafajlovska, Development and validation of a Vis spectrophotometric method for the determination of total phenolic compounds in the red hot chilli pepper, presented at International Eurasia Pharmacy Congress, 3–7 September, Erzincan, the Republic of Turkey, Book of Abstracts, p–p. 67–68, 2015.</i>
	Link published	https://erpharmacy.ebyu.edu.tr/ (The Book of Abstracts is not online available)
21	Reference	<i>O. Popovska, Z. Kavrakovski, V. Rafajlovska, Development and validation of a reversed-phased HPLC method for the determination of ketoconazole in pharmaceutical formulations, 7th Black Sea Basin Conference on Analytical Chemistry. National Spectroscopy Conference, 10th–15th September, Golden Sands Varna, Bulgaria, the Republic of Bulgaria, Book of Abstracts, p. 78, 2015.</i>
	Link published	http://www.speciation.net/Events/7th-Black-Sea-Basin-Conference-on-Analytical-Chemistry-;~/2014/12/22/7465.html (The Book of Abstracts is not online available)
22	Reference	<i>O. Popovska, Z. Kavrakovski, V. Rafajlovska, A HPLC method for determination of ketoconazole in small unilamellar vesicles, 7th Black Sea Basin Conference on Analytical Chemistry. National Spectroscopy Conference, 10th–15th September, Golden Sands Varna, the Republic of Bulgaria, Book of Abstracts, p. 79, 2015.</i>
	Link published	http://www.speciation.net/Events/7th-Black-Sea-Basin-Conference-on-Analytical-Chemistry-;~/2014/12/22/7465.html (The Book of Abstracts is not online available)

JOURNALS

Local Journal (2015-2020)

1	Reference	
	Link published	
2	Reference	
	Link published	

National Journal (2015-2020)

1	Reference	
	Link published	
2	Reference	
	Link published	

International Journal (2015-2020)

1	Reference	A.Sabriu-Haxhijaha, O. Popovska, Zana Mustafa, Thin-layer chromatography analysis of <i>Nigella sativa</i> L. Essential oil, <i>Journal of Hygienic Engineering and Design</i> 31 (2020), accepted
	Link published	http://www.jhed.mk/
2	Reference	<i>O. Popovska, Implementing and operating computer graphics in the contemporary chemistry education, Mediterr. J. Chem.</i> 6 : 215–222 (2018)
	Link published	http://www.medjchem.com/index.php/medjchem/article/view/643
	Reference	<i>S. Demiri, O. Popovska, A. Sabriu-Haxhijaha, E. Miskoska-Milevska, M. Lutovska, A. Pollozhani, Z. T. Popovski, Development of new techniques for estimation of air, water and soil quality in the Republic of Macedonia, SEEJSD</i> 2 (2): 43–50 (2018)

	Link published	https://seejsd.unt.edu.mk/wp-content/uploads/2019/05/SEEJSD-Vol-3-2019-finale-I-1.pdf
3	Reference	<i>S. Demiri, S. Aliu, A. Hamidi, O. Popovska, Implementing new approaches in chemistry teaching methods, SEEJSD 1: 51–55 (2017)</i>
	Link published	https://seejsd.unt.edu.mk/wp-content/uploads/2018/04/SEEJSD-Vol-1-2018-finale11309-1.pdf
4	Reference	O. Popovska , J. Simonovska, E. Trajkoska-Bojadziska, Z. Kavrakovski, V. Rafajlovska, An injection method for preparation of liposomes as ketoconazole carriers, <i>Maced. Pharm. Bull.</i> 62 (suppl.): 391–392 (2016)
	Link published	http://bulletin.mfd.org.mk/volumes/Volume%2062_supp/Volume_62_supp.pdf
5	Reference	J. Simonovska, O. Popovska , E. Trajkoska-Bojadziska, Ž. Knez, Z. Kavrakovski, V. Rafajlovska, Influence of the particle size at oleoresin extraction from red hot pepper, <i>Maced. Pharm. Bull.</i> 62 (suppl.): 395–396 (2016)
	Link published	http://bulletin.mfd.org.mk/volumes/Volume%2062_supp/Volume_62_supp.pdf
6	Reference	E. Trajkoska-Bojadziska, J. Simonovska, O. Popovska , Ž. Knez, Z. Kavrakovski, B. Bauer, V. Rafajlovska, Development of nanoemulsion formulations of wild oregano essential oil using low energy methods, <i>Maced. Pharm. Bull.</i> 62 (suppl.): 397–398 (2016)
	Link published	http://bulletin.mfd.org.mk/volumes/Volume%2062_supp/Volume_62_supp.pdf
International Journal with Impact Factor ISI Web of Science – Clarivate analytics (2015-2020)		
1	Reference	O. Popovska , Z. Kavrakovski, V. Rafajlovska, Introducing vegetable oils in a preparation of ketoconazole liposomes using a thin-film hydration method, <i>Farmacia</i> 67 : 467–471 (2019)
	Link published	http://www.revistafarmacia.ro/201903/issue32019art13.html
2	Reference	O. Popovska , Z. Kavrakovski, V. Rafajlovska, A RP-HPLC method for the determination of ketoconazole in pharmaceutical dosage forms, <i>Curr. Pharm. Anal.</i> 13 :505–511 (2017)
	Link published	http://www.eurekaselect.com/143204/article
Studies and monographs (Local, National, International publication house) (2015-2020)		
1	Reference	
	Link published	
2	Reference	
	Link published	
Books (Local, National, International publication house) (2015-2020)		
1	Reference	
	Link published	
2	Reference	
	Link published	
Projects (2015-2020)		
1	Reference	<i>S. Demiri, O. Popovska, A. Pollozhani, A. Dimitrov, Z. Popovski, M. Lutovska, "Research and development of methods for the determination of air, water and soil pollutants" 2017/2018</i>
	Link published	https://www.moepp.gov.mk/
2	Reference	
	Link published	

- International Conference or Journal is considered the one that has at least 50% international members in the editorial board.

PERSONAL INFORMATION



Olga Popovska

 "Mother Teresa" University-Skopje, Faculty of Technological Sciences, ul. "Petre Georgiev" 22, 1000 Skopje (North Macedonia),
 (+389)70995825
 olga.popovska@unt.edu.mk

Sex Female | Date of birth 02/03/1986 | Nationality Macedonian/citizen of the Republic of North Macedonia

POSITION

Assistant professor

WORK EXPERIENCE

Assistant professor

"Mother Teresa" University-Skopje, Skopje (North Macedonia)

Subjects: Organic chemistry, Modern analytical methods in environmental analysis, Analytical chemistry, Biochemistry, Food chemistry, Methods for analysis of organic substances, Chemical engineering thermodynamics, Introduction to materials engineering, Environmental monitoring, Business ethics, Production of metals, Introduction to chemistry

Teaching/research assistant

"Mother Teresa" University-Skopje, Skopje (North Macedonia)

Subjects: General and inorganic chemistry, Organic chemistry, Building materials, Physical chemistry, Analytical chemistry

Help-teaching assistant

"Ss. Cyril and Methodius" University, Faculty of Natural Sciences and Mathematics, Institute of Chemistry, Skopje (North Macedonia)

Subjects: Organic chemistry, Fundamentals of organic chemistry, Selected chapters in organic chemistry, Biochemistry, Chemistry of natural products, Theoretical organic chemistry, Organic chemistry with organic technology

EDUCATION AND TRAINING

2012–2017

Dr. Sc in technical and technological sciences-technology

EQF level 8

"Ss. Cyril and Methodius" University, Faculty of Technology and Metallurgy, Institute of Organic Technology, Skopje (North Macedonia)

Thesis "Development of ketoconazole liposome formulations"

Supervisor prof. d-r Vesna Rafajlovska

2017

Additional qualification for pedagogical-psychological and methodological preparation

EQF level 7/1

"Ss. Cyril and Methodius" University, Faculty of Philosophy

pedagogy, psychology, methodology, ethics, school practice, multicultural and intercultural education

2009–2011

Magister Scientiae (chemistry)

EQF level 7/2

"Ss. Cyril and Methodius" University, Faculty of Natural Sciences and Mathematics, Institute of Chemistry, Skopje (North Macedonia)

Thesis "Development of a method for determination of diacetyl in fermented dairy products"
Supervisor prof. d-r Jane Bogdanov

2004–2008 Graduate chemical engineer

EQF level 7/1

"Ss. Cyril and Methodius" University, Faculty of Natural Sciences and Mathematics,
Institute of Chemistry, Skopje (North Macedonia)

Thesis "Determination of carbonyl compounds in fermented products"
Supervisor prof. d-r Bogdan Bogdanov

PERSONAL SKILLS

Mother tongue(s) Macedonian

Foreign language(s) English, German, Albanian

Communication skills - good communication skills gained through the experience as an assistant

Organisational / managerial skills Vice-dean at Faculty of Technological Sciences

Job-related skills - good command of chemical control processes

Digital skills - good command of chemical programmes (ChemWindow, Grams, HyperChem)

Driving licence B

ADDITIONAL INFORMATION

Publications Google Scholar <http://scholar.google.com>