

**MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
KAZAKH NATIONAL RESEARCH TECHNICAL UNIVERSITY NAMED AFTER K.I.SATPAYEV**

**List of scientific papers in international peer-reviewed scientific journals
included in the Scopus and Web of Science databases
Nakan Ulantay**

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№ п/п	Title of the publication	Type of publication	Name of the journal, year of publication, DOI	The impact factor of the journal, quartile and field of science according to Journal Citation Reports for the year of publication	Index in the Web of Science Core Collection database	CiteScore of the journal, percentile and field of science according to Scopus data for the year of publication	Name of the authors (underline the name of the applicant)	The role of the applicant
1	2	3	4	5	6	7	8	9
1	Hydrogels based on N-isopropylacrylamide and 2-hydroxyethylacrylate: synthesis, characterization	Article	Polymer International 2020, 69, 1220–1226. http://dx.doi.org/10.1002/pi.6065	IF= 2.990 Q2	Science Citation Index Expanded	CiteScore 5.1 Organic Chemistry - 70% процентиль	<u>Ulantay Nakan</u> , Mun.G.A, Yeligbayeva G. Zh., Shaikhutdinov Y. M. Shayahati Bieerkehazhi,	First and Corresponding author

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	and investigation of their antibacterial activity				(SCIE)		Negim El-Sayed,	
2	Thermosensitive N-isopropylacrylamide -CO-2-hydroxyethyl acrylate hydrogels interactions with poly (acrylic acid) and surfactants	Article	Polymers for Advanced Technologies 2021, 32(7), 2676–2681,	IF=3.348 Q2	SCIE	CiteScore 5.5 Polymers and Plastics – 76% процентиль	Nakan Ulantay, Mun Grigoriy A., Rakhmetullayeva R. K., Tolkyn Balgyn., Bieerkehazhi, Shayahati., Yeligbayeva G. Zh.,	First and Correspon ding author
3	Synthesis, Characterization and Antibacterial Application of Copolymers Based on N, N-Dimethyl Acrylamide and Acrylic Acid	Article	Materials 2021, 14(20), 6191; https://doi.org/10.3390/ma14206191	IF= 3.748 Q3	SCIE	CiteScore 4.7 General Materials Science – 63%	Ulantay Nakan, Shayahati Bieerkehazhi, Balgyn Tolkyn, Grigoriy A. Mun, Mukhit Assanov,	First and Correspon ding author
4	tLyp-1: A peptide suitable to target NRP-1 receptor	Article	Bioorganic Chemistry, 2023, 130, 106200. https://doi.org/10.1016/j.bioorg.2022.106200	(2022) IF=5.1 Q1	SCIE	CiteScore 9.5 Organic Chemistry- 90%. процентиль (2022).	Larue L., Kenzhebayeva B., Al-Thiabat M.G., Frochot C., Nakan Ulantay, Acherar, S.	Co-author
5	Palladium–Nickel Supported and Palladated Activated Diatomite as an Efficient Catalyst for Poly- α -olefins Hydrogenation	Article	Catalysis Surveys from Asia, 2023, 27(3), P. 296–305 DOI https://doi.org/10.1007/s10563-023-09394-y	(2022) IF=3 Q3	SCIE	CiteScore 5.3 Chemistry -67% процентиль (2022).	Toshtay Kainaubek., Auyezov Ali., Aubakirov Yermek., Amrousse Rachid., Amrousse R., Nakan, Ulantay	Co-author
6	Characterization and Swelling Properties of Copolymer Poly (N, N-dimethyl acrylamide -	Article	Egyptian Journal of Chemistry 2022, 65(4), pp.767-773	IF=1.3 Q3	ESCI	CiteScore 1.9 Chemistry -37%	Ulantay Nakan, Balgyn Tolkyn, Dinara Adikanova, El-Sayed	First and Correspon ding author

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	co-acrylic acid) and Homopolymer Poly (acrylic acid)						Moussa Negim, Tulegen Seilkhanov, Bibigul Kenzhebayeva,	
7	Synthesis of water soluble copolymers and their interpolymer complexes with poly(Acrylic Acid)	Article	Journal of Chemical Technology and Metallurgy, 2018, 53(1), P.P 83–87	-	-	CiteScore 0.9 General Chemical Engineering - 29% процентиль	<u>Nakan Ulantay</u> , Rakhmetullaeva Raikhan Mun Grigory A., Yeligbaeva G.Zh., Amitova Aigul A., Tolkyn Balgyn., Shaihutdinov E.M.,	First and Corresponding author
8	Structure formation in suspensions and biocidal properties of copolymer of 2-acrylamido-2-methylpropanesulfonic acid and allylamine	Article	Materials Today: Proceedings, 2022, 71, 13–17	-	-	CiteScore 3.2 General Materials Science – 42% процентиль	Abdiyev. K.Zh., Toktarbay Zh., Orynbayev. B.Ye., Zhursumbaeva M.B., Seitkaliyeva, N.Zh. <u>Nakan U.</u>	Co-author
9	Some peculiarities of the kinetics of interaction of cationic hydrogels based on copolymers of vinyl esters of monoethanolamine and ethylene glycol with copper ions	Article	Periodicals of Engineering and Natural Sciences, 2021, 9(4), P.P 291–304	-	-	CiteScore 1.7 Engineering -- 43% процентиль	Mun Grigoriy., Yeligbayeva Gulzhakhanb., <u>Nakan Ulantay.</u> , Amitova Aigul., Suleimenov Ibragim.	Co-author

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List of scientific works
Nakan Ulantay

№ п/п	Title of the publication	Nature of the publication	Publication details	numbe r of pages	Co-authors
1	2	3	4	5	6
Articles in publications recommended by the Committee for Quality Assurance in the Field of Science and Higher Education of the Ministry of Science and Higher Education of the Republic of Kazakhstan					
1	Synthesis of novel thermosensitive copolymers based on ethylacrylate «статья»	Печатный	International Journal of Biology and Chemistry. – 2018. -Vol. 11(1). –P. 153-162. ISSN: 2218-7979	10	Azhkeyeva A.N, Yeligbaeva G.Zh. Shaihutdinov E.M.,
2	Swelling Studies on Poly (N, N-dimethyl acrylamide-co-acrylic acid) Hydrogels «статья»	Печатный	International Journal of Biology and Chemistry 2021, 14 (2):82-87. https://doi.org/10.26577/ijbch.2021.v14.i2.011 .	6	Balgyn Tolkyn, G. A. Mun, G.Zh. Yeligbayeva, N.B. Tileubekov, Nurkat Serikbay.,
3	Әртүрлі ортадағы гәа мен ақ негізіндегі гидрогельдердің ісіну кинетикасы	Печатный	Вестник КазНІТУ 2020 142 (6) P. P 734-738 ISSN 2709-4766; 2709-4758;	6	G.Zh Yeligbayeva, M.E Nursultanov, Zh. B Boshimova
International scientific and practical conferences					
4	Synthesis, characterization and application of thermo-sensitive water soluble and swelling copolymers	Online	Международная научная конференция студентов, аспирантов и молодых учёных «Ломоносов-2019», Москва, ст. 243, ISSN:978-5-00150-123-7	1	Kenzhebayeva B. A, Rakhatbekova A.R., Bekturganov Zh.B.,
5	Synthesis, characterization and use of copolymers based on acrylic acid	Online	Международная научная конференция студентов, аспирантов и молодых учёных	1	Rakhatbekova A.R., Bekturganov Zh.B.,

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			«Ломоносов-2019», Москва, С 244, ISSN:978-5-00150-123-7		
6	Суда еритін 2-гидроксилакрилат негізіндегі термосезімтал сополимерлер		Международная научная конференция Сатпаевских чтений Алматы, 12.04. 2019. ст. 450-454 ISBN 978-601-04-3552-0	4	Елигбаева Г.Ж, Нурсұлтанов М.Е, Толқын Б.

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