

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

Maryamkul Zhursumbaeva

**List of scientific articles published in international peer-reviewed scientific journals
included in the Scopus and Web of Science databases**

Author identifiers:

Scopus Author ID: 6507696023

Web of Science Researcher ID: O-2254-2017

ORCID: <https://orcid.org/0000-0001-9083-5754>

№ p/n	Publication title	Publication type	Journal name, year of publication, DOI	Journal impact factor, quartile and field of study according to Journal Citation Reports for the year of publication	Index in the Web of Science Core Collection database	Journal CiteScore, percentile and area of science according to Scopus for the year of publication	Full name of the authors (underline the applicant)	Author's role
1	2	3	4	5	6	7	8	9
1	The new effective flocculants - Copolymers of N, N-dimethyl-N, N-diallyl-ammonium chloride and N, N-dimethylacrylamide.	Article	Colloids and Surfaces A: Physicochemical and Engineering Aspects. 2015. Vol. 480. P. 228-235. https://doi.org/10.1016/j.colsurfa.2015.04.025	Impact Factor: 2.760. Chemistry, physical – Q2	SCIE	CiteScore 4.4. Colloid and Surface Chemistry – 57% percentile	Kaldibek Zh. Abdiyev., Zhexenbek Toktarbay., Akbota Zh. Zhenissova., <u>Mariamkul B. Zhursumbaeva</u> Raya N. Kainazarova., Nurxat Nuraje	Co-author

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2	Copolymerization of N, N-dimethyl-N, N-diallylammonium chloride with N, N-dimethyl-acrylamide	Article	Polymer Science. Series B. 2015, vol.57, No 3, pp. 217-223. https://doi.org/10.1134/S156009041503001X	Impact Factor: IF=0.808. Quartile - Q4.	SCIE	Cite Score 1.1 Percentile 43% Polymers and Plastics	K.Zh.Abdiyev., Zh.Toktarbay., A.Zh. Zhenissova., <u>Mariamkul B. Zhursumbaeva</u> R.N.Kainazarova.	Co-author
3	Radical Polymerization and Kinetics of N, N-diallyl-N, N-dimethylammonium Chloride and Vinyl Ether of Monoethanolamine	Article	Fibers and Polymers. 2018. V. 19. Issue 10. P. 2023–2029. https://doi.org/10.1007/s12221-018-6947-3	Impact Factor: 1.439. Quartile – Q3 Polymer Science	SCIE	CiteScore 2.5. Percentile 60% General Chemical Engineering	Yerbol Dauletov., Kaldybek Abdiyev., Zhexenbek Toktarbay., Nurxat Nuraje., Bagdaulet Kenzhaliyev., <u>Mariamkul B. Zhursumbaeva</u>	Co-author
4	Copolymers of Diallyldimethylammonium Chloride and Vinyl Ether of Monoethanolamine: synthesis, flocculating and antimicrobial properties.	Article	Journal of Surfactants and Detergents. Sep 2019. Vol. 22. I 5. P. 1129–1137. https://doi.org/10.1002/jsde.12283	Impact Factor: 1.654. Engineering, chemical – Quartile – Q3	SCIE	CiteScore 3.3. General Chemical Engineering – 67% percentile	Yerbol Dauletov., Nurxat Nuraje., Kaldibek Abdiyev Zhexenbek Toktarbay., <u>Maryamgul Zhursumbaeva</u>	Co-author
5	Flocculating properties of 2-acrylamido-2-methyl -1-propane sulfonic acid- co-allylamine polyampholytic copolymers	Article	Polymer bulletin. 2022. Vol.79. Issue 1. https://doi.org/10.1007/s.00289-021-03994-1	Impact Factor: 3.2. Polymer science – Q2	SCIE	CiteScore 5.4. Polymers and Plastics – 69%;	K. Zh. Abdiyev, Milan Maric, B. Ye. Orynbayev, Zh. Toktarbay, <u>M. B. Zhursumbaeva</u> N.Zh. Seitkaliyeva	Co-author
6	Kinetic Analysis of Methane Hydrate Formation with Butterfly Turbine Impellers	Article	Molecules 2022, 27, 4388. https://doi.org/10.3390/molecules27144388	Impact Factor: 4.6. Chemistry, Quartile – Q2	SCIE	CiteScore 6.7. Chemistry, Percentile 78%	Sotirios Nik. Longinos, Dionisia Dimitra Longinou, Nurbala Myrzakhmetova, Nazgul	Co-author

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							Akimbayeva, <u>Mariamkul Zhursumbaeva</u> , Kaldibek Abdiyev, Zhexenbek Toktarbay and Mahmut Parlaktuna	
7	Structure formation in suspensions and biocidal properties of copolymer of 2-acryl-amido-2-methylpropanesulfonic acid and allylamine.	Article	Materials Today: Proceedings. 2022. https://doi.org/10.1016/j.matpr.2022.06.050	IF 1.46. SJR 0.341.	-	CiteScore 2.3. General Materials Science – 42% percentile	K.Zh. Abdiyev, Zh. Toktarbay, B.Ye. Orynbayev, M.B. <u>Zhursumbaeva</u> , N. Zh. Seitkaliyeva, U. Nakan.	Co-author
8	A Novel Cationic Polymer Surfactant for Regulation of the Rheological and Biocidal Properties of the Water-Based Drilling Muds	Article	Polymers 2023. V. 15. Issue 2. P. 330; https://doi.org/10.3390/polym15020330	Impact Factor: 5.0. Polymer science – Q1 (2022)	SCIE	Percentile 76% Chemistry	Abdiyev, K., Marić, M., Orynbaev, B., <u>Zhursumbaeva, M.</u> , Seitkaliyeva, N., Toktarbay, Z.	

Maryamkul Zhursumbaeva 's list of Scientific papers

№ p/n	Title	Publication type	Output date	Number of pages	Co-authors
1	2	3	4	5	6
9	Surface properties of polyelectrolyte complex polymethacrylic acid –poly-N, N'-dimethyl-N, N'-diallylammonium chloride in aqueous-salt media	Printed	V-Interd. Beremzhanovsky Congress on Chemistry. December 7-9, 2006 Bulletin of KazNU, 2007, No. 1(45). Chemical series, pp. 416-423.	8	K.Zh. Abdiyev, S.Kh. Khussain, K.B. Musabekov, E.M. Shaikhutdinov.

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10	Monolayers of polyacid-polyvinylpyrrolidone polycomplexes on an aqueous substrate.	Printed	Herald of the Kazakh-British technical university. 2009. № 4(11). P. 25-29. ISSN 1998-6688 (Print); ISSN 2959-8109 (Online)	5	K.Zh. Abdiyev, E.M. Shaikhutdinov.
11	Copolymers based on 2-acrylamido-2-methylpropane-sulfonic acid and vinyl butyl ether.	Printed	Herald of the Kazakh-British technical university. 2012. № 4 (23). P. 35-45. SSN 1998-6688 (Print); ISSN 2959-8109 (Online)	8	E.M. Shaikhutdinov, K.Zh. Abdiyev, A.Zh. Zhenissova.
12	Flocculating and biocidal properties of copolymer n,n-dimethyl-n,n-diallylammonium chloride with dimethylaminopropyl methacrylamide.	Printed	Chemical Journal of Kazakhstan Volume 2, Number 82(2023)		K.Zh. Abdiyev, B.Ye. Orynbayev, N. Zh. Seitkaliyeva
13	Synthesis and flocculating properties of the Copolymer of N,N-dimethyl-N,N-diallylammonium chloride and vinyl ether of monoethanolamine.	Printed	Herald of the Kazakh-British technical university. 2017. № 2,3 (41-42). P. 40-47. ISSN 1998-6688 (Print); ISSN 2959-8109 (Online)	8	Dauletov Ye., Toktarbay Zh., Nurxat Nuraje,
Patents					
14	Copolymer N,N-dimethyl-N,N-diallylammonium chloride with dimethylacrylamide and its preparation method.	Printed	Innovation Patent of RK № 27160. Published 15.07.2013. Bulletin № 7.	3	Abdiyev K.Zh. Kainazarova R.N. Zhenissova A.Zh. Toktarbay Zh.
15	Method of preparation of copolymer 2-acrylamido-2-methylpropanesulfonate sodium with dimethylacrylamid.	Printed	Innovation Patent of RK № 27161 for an Invention. Published 15.07.2013. Bulletin № 7.	3	Utelbayev B.T. Abdiyev K.Zh. Kainazarova R.N. Zhenissova A.Zh. Toktarbay Zh.
16	Copolymer N-[(3-dimethylamino)propyl]-methacryl-amide with N,N-dimethyl-N,N-diallylammonium chloride.	Printed	Patent of RK № 34204. Application № 2018/0614.1. Application date: 05.09.2018.	3	Abdiyev, K., Orynbaev, B., Seitkaliyeva, N., Toktarbay, Z.

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17	Flocculant based on N,N-dimethyl-N,N-diallylammonium chloride.	Printed	Patent of RK № 31988. Application date: 08.10.2015. Date of Issue 08.10. 2015. Bulletin № 7, 14.04.2017.	3	Beisembetov I.K. Kenzhaliyev B.K. Toktarbay Zh. Dauletov Ye.A.
Articles published in other scientific journals and publications					
18	Surface properties of poly acid-polyacrylamide complexes. II. Adsorption of polycomplexes at the solution-air interface.	Printed	News of Higher educational institutions. Chemistry and chemical technology. 2006. Vol. 49. Issue 7. pp.66-68. Vol. 49. Issue 7. pp.66-68.	3	K.Zh. Abdiyev, E.M. Shaikhutdinov, S.Kh. Khussain.
19	The new effective Flocculants - Copolymers of N,N-dimethyl-N,N-diallylammonium Chloride and N,N-dimethylacrylamide.	Printed	Book of Abstracts of 20 th International Symposium on Surfactants in Solution. 22-27 June, 2014. Coimbra. Portugal. P. 359.	1	Abdiyev. K.Zh. Zhenissova A.Zh. Toktarbay Zh. Kainazarova R.N.
20	The new polymeric flocculants for water treatment.	Printed	2 nd International Conference and Exhibition on Polymer Chemistry. November 15-17, 2017. San Antonio, USA. J. Material Sci. Eng. 2017, 6:7 (Suppl) DOI: 10.4172/2169-0022-C1-086. An open access journal. Vol. 6, Issue 9 (Suppl). P. 50.	1	Yerbol Dauletov, Kaldibek Abdiyev , Nurxat Nuraje, Zhexenbek Toktarbay,

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