

LIST OF SCIENTIFIC PAPERS AND RESEARCH ARTICLES

The topic of the dissertation for the degree of Doctor of Philosophy (PhD) in the educational program «8D04101 – World Economy»
«Current state and prospects of cooperation between Kazakhstan and China in the natural gas sector»

№	Title of the paper	Manuscript or printed	Publisher, journal (№, year.), author's certificate №	Number of printed sheets or pages	Surname of the co-authors of the paper
1	2	3	4	5	6
1.	Research on relationship between energy consumption and GDP in Kazakhstan	Printed	Economies, Volume 12 (8), Issue 212: 1-17 (Scopus Q1) https://doi.org/10.3390/economies12080212	17	Juman J., Makulova A.T., Khamzayeva A.V., Du B.H.
2.	Analysis of the Competitiveness, Complementarity, and Trade Combination of Kazakhstan and China in the Oil and Gas Trade	Printed	Economies, Volume 12 (7), Issue 182: 1-14 (Scopus Q1) https://doi.org/10.3390/economies12070182	14	Juman J., Makulova A.T., Khamzayeva A.V., Du B.H.
3.	Enlarged scars: The effects of economic policy uncertainty on electricity accessibility and urban-rural disparity	Printed	Utilities Policy, 91 (2024), 101852 (Scopus Q1) https://doi.org/10.1016/j.jup.2024.101852	14	Zhao C.Y., Tao M.M., Che S.
4.	Enlarging or narrowing? Exploring the impact of energy poverty on carbon inequality in China	Printed	Utilities Policy, 92 (2025), 101859 (Scopus Q1) https://doi.org/10.1016/j.jup.2024.101859	13	Zhao C.Y., Liu Z.G., Song C.C.
5.	The window of opportunity: Estimating the role of climate finance on urban-rural electricity inequality	Printed	Journal of Environmental Management 374(2025), 124153 (Web of Science Q1, Scopus Q1) https://doi.org/10.1016/j.jenvman.2025.124153	12	Meng Y., Zhao C.Y., Liu Z.G.
6.	Cooperation of China and Central Asia in renewable energy	Printed	World Economy and International Relations, 2025, vol.69, no.2, pp. 76–84 (Scopus Q2) https://doi.org/10.20542/0131-2227-2025-69-2-76-84	9	Juman J., Du B.H.
7.	Current state and prospects of the Chinese gas market	Printed	Central Asian Economic Review. 2023, Vol.6, №153, pp. 53-65. https://doi.org/10.52821/2789-4401-2023-6-53-65	13	Juman J., Makulova A.T.
8.	Status and prospects of gas transportation to China from Kazakhstan	Printed	Bulletin of National Academy of Sciences of the Republic of Kazakhstan, Volume 3, №409 (2024), pp.490–506. https://doi.org/10.32014/2024.2518-1467.782	17	Juman J., Khamzayeva A.V.

Applicant

Scientific Secretary

Zhai X.

Utegenova A.



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1	2	3	4	5	6
9.	Energy cooperation between Kazakhstan and China under "One Belt and One Road": current state, challenges and perspectives	Printed	BUKETOV BUSINESS REVIEW. 2024, 11429(2), pp. 7–18 https://doi.org/10.31489/2024Ec2/7-18	12	Du B.H., Juman J., Khamzayeva A.V.
10.	Cooperation between China, Russia and Central Asian countries in the natural gas sector	Printed	Bulletin of National Academy of Sciences of the Republic of Kazakhstan, Volume 3, №415 (2025), pp.509–524. https://doi.org/10.32014/2025.2518-1467.978	16	Juman J., Khamzayeva A.V.
11.	The main problems in the transportation of oil from Kazakhstan to China and possible prospects	Printed	Scientific journal "Znanstvena mizel". Ljubljana, Slovenia. 2022. -No.73. - pp.29-32.	4	Saparbayev A.D.
12.	China is the main driver of the global oil and gas market	Printed	Deutsche internationale Zeitschrift für zeitgenössische Wissenschaft / German International Journal of Modern Science. 2022. -№47. -pp.9-12. https://doi.org/10.5281/zenodo.7495580	4	Saparbayev A.D.
13.	Risk of foreign economic activity and their solution – in the view of oil and gas cooperation between Kazakhstan and China	Printed	I International Scientific Conference. Vienna, Austria. December 15-16, 2022. - pp.29-33. https://doi.org/10.5281/zenodo.7515587	5	Saparbayev A.D.
14.	Analyzing the commercial operation mode of LNG terminals	Printed	X International Scientific-Practical Conference «Innovation Management and Technology in the Era of Globalization». Manchester, UK. 04-06 January 2023. -pp.141-146	6	
15.	Analysis of the gas market and gasification levels of the Republic of Kazakhstan	Printed	IX International Scientific-Practical Conference «Quality Management Search and Solutions». Dallas, USA. 22-24 Nov. 2023. -pp.153-160	8	Saparbayev A.D.
16.	How oil and gas companies can decarbonize: the example of QazaqGaz	Printed	The VI International Scientific-Practical Conference «Innovation Processes Management in the context of Education and Science Modernization». Cologne, Germany. 03-05 Apr. 2024. -pp.154-160	7	
17.	Analysis of the situation for pipeline gas supply in Central Asia	Printed	The X International Scientific-Practical Conference «Science, Engineering and Technology» Gaziantep, Turkey. 01-03 May 2025 - pp.139-144	6	Juman J.

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1	2	3	4	5	6
18.	Natural gas markets of Central Asian countries	Printed	International Scientific Conference of Students and Young Scientists «Farabi Alemi», 04-06 April 2024, pp.21-25	5	Juman J.
19.	Prospects for Caspian gas supply and exports	Printed	International Scientific-Practical Conference "Topical issues of development of international relations, international law and world economy at the present stage: search for possible solutions", 06 December 2024, pp.71-75	5	
20.	Current state of crude oil transportation system in Kazakhstan	Printed	International Scientific Conference of Students and Young Scientists «Farabi Alemi», 03-05 April 2025, pp.21-25	5	Juman J.

Applicant

Zhai Xun

Zhai X.

Scientific Secretary

A. 229

Utegenova A.

