

**MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF KAZAKHSTAN
SATBAYEV UNIVERSITY**

**List of scientific papers in international peer reviewed
scientific journals, included in Scopus and Web of Science databases
Erbolat Aben**

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Scopus Author ID: 57193536276

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№ п/п	Publication title	Publication n type	Journal name, year of publication, DOI	Journal Impact Factor, Quartile and Field of Science according to Journal Citation Reports for year of publication	Index in the Web of Science Core Collection	Journal CiteScore, percentile and field of science according to Scopus for year of publication	NAME of the authors (co- applicant to underline)	The applicant's role
1	2	3	4	5	6	7	8	9
1	Effect of process solution saturation with oxygen on uranium in-situ leaching performance	Article	Eurasian Mining, 2022, 38(2), pp. 50-53, DOI: 10.17580/em.2022.02.12	MINING & MINERAL PROCESSING, Q4	Emerging Sources Citation Index (ESCI)	CiteScore 2.9, Geotechnical Engineering and Engineering Geology, percentile 54%	Toktaruly, B., Bayeshov, A., <u>Aben, Y.</u> , Suleimenov, S.K.	co-author

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2	Analyzing changes in a leach solution oxygenation in the process of uranium ore borehole mining	Article	Mining of Mineral Deposits, 2021, v 15, Iss 3, pp. 39-44, DOI: 10.33271/mining15.03.039	MINING & MINERAL PROCESSING, Q3	Emerging Sources Citation Index (ESCI)	CiteScore 2.8, Geotechnical Engineering and Engineering Geology, percentile - 53%	<u>Aben, E.</u> , Toktaruly, B., Khairullayev, N., Yeluzakh, M.	first author
3	Analyzing a denitration process in the context of underground well uranium leaching	Article	Mining of Mineral Deposits, 2021, vol 15, Iss 1, pp. 127-133 DOI: 10.33271/mining15.01.127	MINING & MINERAL PROCESSING, Q3	Emerging Sources Citation Index (ESCI)	CiteScore 2.8, Geotechnical Engineering and Engineering Geology, percentile - 53%	Yussupov, K., <u>Aben, Y.</u> , Omirgali, A., Rakhmanberdiyev, A.	co-author
4	Study of change in the leaching solution activity after treatment with a cavitator	Article	Mining of Mineral Deposits, 2019, v 13, Iss 4, pp 114-120, DOI: 10.33271/mining13.04.114	MINING & MINERAL PROCESSING, Q4	Emerging Sources Citation Index (ESCI)	CiteScore 1.7, Geotechnical Engineering and Engineering Geology, percentile - 50%	<u>Aben, E.</u> , Markenbayev, Z., Khairullaev, N., Myrzakhmetov, S., Aben, K.	first author, correspondent author
5	Study of the effect of solution activation on the density of the pregnant solution and on the content of the useful component	Article	News of the National academy of sciences of the Republic of Kazakhstan series of geology and technical sciences, 2021, Vol 4, №448, pp.36-41, DOI: 10.32014/2021.2518-170x.79	-	-	CiteScore 2, Geotechnical Engineering and Engineering Geology, процентиль-43%	Khairullayev N.B., Aliev S.B., <u>Aben, Y.Kh.</u> , Uisimbek A.A.	co-author

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6	Improving the efficiency of denitration of sorbent solution in uranium geotechnology	Article	Ugol, 2022, 4, pp. 72–76, DOI: http://dx.doi.org/10.18796/0041-5790-2022-4-72-76	-	-	CiteScore 1.5, Geotechnical Engineering and Engineering Geology, процентиль-32%	Omirgali A.K., Aliev S.B., Yussupov Kh.A., <u>Aben, E.Kh.</u> , Akhmetkhanov D.K.	co-author
7	Enhancement of metal recovery by activation of leaching solution Повышение извлечения металла на основе активации выщелачивающего раствора	Article	Mining Informational and Analytical Bulletin, №12, 2019, pp.169-179, DOI: 10.25018/0236-1493-2019-12-0-169-179	-	-	CiteScore 0.2, Geotechnical Engineering and Engineering Geology, процентиль-14%	<u>Aben E.Kh.</u> , Rustemov S.T., Bakhmagambetova G.B., Akhmetkhanov, D.	first author
8	Adjustment of backfill composition for mineral mining under open pit bottom	Article	Gornyi Zhurnal, №2235, 2.2017, с. 57-61 DOI: 10.17580/gzh.2017.02.10	-	-	CiteScore 0.6, Geotechnical Engineering and Engineering Geology, процентиль-31%	Bitimbaev M. Zh., Krupnik L. A., Aben Kh. Kh., <u>Aben, E.Kh.</u>	co-author

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**List of scientific Proceedings
Erbolat Aben**

№ п/п	Title	Nature of the edition	Output data	Num ber of page s	Co-authors
1	2	3	4	5	6
Articles in publications recommended by the Committee for Quality Assurance in Education and Science of the Ministry of Science and Higher Education of the Republic of Kazakhstan					
1	Increase in flow rate of extraction wells during uranium leaching using a chemical reagent (Article)	Printed	Mining Journal of Kazakhstan. №6, 2023, pp. 26-30, ISSN: 2227-4766	5	Akhmetkanov D.K., Chukharev S.M., Omirgali A.
2	Intensification of inhibitor-assisted uranium ISL process (Article)	Printed, Online	News of the National Academy of Sciences of the Republic of Kazakhstan. Series of geology and technology sciences. № 3 (459), 2023, pp. 108-118, ISSN:2518-170X (Online), ISSN: 2224-5278 (Print)	11	Kenzhetaev Zh.S., Togizov K.S., Omirgali A.K., Zhalikyzy R.
3	Развитие теории создания природоподных комбинированных геотехнологий и возможности их практической реализации (Article)	Printed	Mining Journal of Kazakhstan. №12, 2022, pp. 22-27, ISSN: 2227-4766	6	Bitimbayev M.Zh., Yusupov Kh.A.
4	Зависимость скорости выщелачивания от температуры продуктивного раствора (Article)	Printed, Online	Vestnik KazNTU. №6 (142), 2020, pp. 700-705, ISSN 2709-4766 (Online), ISSN 2709-4758 (Print)	6	Onika S.G., Rysbekov K.B., Bakhmagambetova G.B.
5	Technology of blasting at the contact with backfilled stopes (Article)	Printed	Mining Journal of Kazakhstan, №11, 2017, pp. 4-6, ISSN: 2227-4766	3	Krupnik L. A., Aben Kh. Kh., Shaposhnik Y.N.
Patents					
6	Longline underground mining method (utility model patent)	Printed	№7854, 03.03.2023 Bulletin number: 9 Date of the bulletin: 03.03.2023		Bitimbayev M.Zh., Yusupov Kh.A., Dzhumabaev E.I.

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7	Method for increasing uranium content in pregnant solution during in-situ leaching (utility model patent)	Printed	№7390, 16.05.2022 Bulletin number: 20 Date of the bulletin: 19.05.2022		Markenbayev Zh.D., Nuraliev G.O., Nursagat N.N., Rakhmanberdiev A.G., Yusupov Kh.A.
8	Denitration plant for sorption extraction of uranium (utility model patent)	Printed	№7245, 16.05.2022 Bulletin number: 26 Date of the bulletin: 01.07.2022		Markenbayev Zh.D., Nuraliev G.O., Nursagat N.N., Rakhmanberdiev A.G., Yusupov Kh.A.
9	Method of ions oxidation of divalent iron ions (utility model patent)	Printed	№5662, 24.09.2020 Bulletin number: 51 Date of the bulletin: 20.12.2020		Baeshov A.K., Yusupov Kh.A., Myrzabekov B.E.

Articles published in other scientific journals and publications

10	Исследование изменения активности выщелачивающего раствора во времени после обработки кавитатором	Printed	Kazakhstan Science News. № 1 (148). 2021, pp 100-107. ISSN:1560-5655	8	Yusupov Kh.A., Omirgali A.K.
11	Влияние активации компонентов раствора на содержание урана в продуктивном растворе	Printed	Mining Journal of Kazakhstan, №5, 2021, pp 10-14. ISSN: 2227-4766	5	Khairullaev N., Myrzakhmetov S.S., Yusupova S.A.
12	Снижение частоты механической кольтматации при ПСВ урана	Printed	Bulletin of the NAMS, № 3 (16), 2021, pp 6-11. ISSN (Print) 2518-797X	6	Gizat E.N.
13	Классификационные признаки подземных геотехнологий	Online	International Scientific journal ACADEMICIAN, № 1 (204), 2022, pp 29-34.	6	Bitimbayev M.Zh., Rustemov S.T.

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International research and practical conferences

14	Инновационные технологические схемы комбинированных геотехнологий	Printed	5th Conference of the International Scientific School of Academician of the Russian Academy of Sciences K.N.Trubetskoy "Problems and prospects of integrated development and conservation of the Earth's interior", 2022, pp. 12-16. ISBN 978-5-6047953-2-3	5	Bitimbayev M.Zh., Yusupov H.A., Alisheva Zh.N., Dzhumabaev E.I.
15	Intensification of underground uranium leaching using hydrogen peroxide	Printed, Online	2nd International Scientific and Technical Internet Conference "Innovative Development of Resource-Saving Technologies of Mineral Mining and Processing", 2019, pp 29-31. ISBN 978-973-741-656-8 (Print), ISBN 978-973-741-663-9 (Online)	3	Yusupov Kh.A., Toktaruly B.
16	On the issue of intensification of uranium in-situ leaching	Printed	Applied Scientific and Technical Research: Proceedings of the IV International Scientific and Practical Conference, 2020, pp 102-103. ISBN 978-966-640-484-1	2	Myrzakhmetov S.S., Toktaruly B., Mukhamedi M.E.

Monographs, textbooks

17	Геотехнологические процессы при разработке месторождений полезных ископаемых (textbook)	Printed	Textbook for undergraduates and PhD doctors of the specialty "Mining Engineering", Ministry of Education and Science of the Republic of Kazakhstan, KazNRTU 2022. ISBN 978-601-323-296-6	158	Myrzakhmetov S. S., Yusupov Kh. A.
18	Substantiation of rational parameters of the explosive breakout technology in a structural block array (monograph)	Online	Prospects for developing resource-saving technologies in mineral mining and processing, 2022. - PP. 327-368	42	Yelzhanov Y.A., Yussupova S.A.
19	Development of resource-saving technology for mining of reserves below the pit bottom (monograph)	Online	Topical issues of resource-saving technologies in mineral mining and processing, 2018- PP. 6- 26	20	Aben K. K. Yussupov Kh.

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