

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  
Motovilov Igor Yurievich

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Scopus Author ID: 57204968741

Web of Science Researcher ID: AAA-4411-2020

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№	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)	Роль претендента
1	2	3	4	5	6	7	8	9
1	Substantiation of gravity concentration to the Shalkiya deposit lead-zinc ore	Article	Journal of Mining Sciences, №3, 2019, p. 430-436, DOI: <a href="https://doi.org/10.1134/S1062739119035769">10.1134/S1062739119035769</a>	JIF 0.336 Mining & mineral processing – Q4	SCIE	(2023) CiteScore 1.7 Geotechnical Engineering and Engineering Geology – 35% percentile	Sh.A. Telkov <u>I.Y. Motovilov</u> M.B. Barmenshinova N.L. Medyanik G.S. Daruesh	Co-author

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2	Examination of the preliminary gravity dressing influence on the Shalkiya deposit complex ore	Article	Non-ferrous metals, №2, 2019, p. 3-8, DOI: <a href="https://doi.org/10.17580/nfm.2019.02.01">10.17580/nfm.2019.02.01</a>	Metallurgy & metallurgical engineering – Q4	ESCI	CiteScore 1.2 Metals and Alloys – 45% percentile	<u>I.Y. Motovilov</u> , Sh.A. Telkov., M.B. Barmenshinova., A.N. Nurmanova.	First author, Corresponding author
3	Production of Very Fine, Spherical, Particles of Ferriferous Pigments from the Diatomaceous Raw Material of Kazakhstan	Article	Glass and Ceramics, Issue 5-6, 2019, p. 194-198, DOI: <a href="https://doi.org/10.1007/s10717-019-00163-w">10.1007/s10717-019-00163-w</a>	JIF 0.545 Materials science, ceramics -Q4	SCIE	CiteScore 0.8 Mechanics of Materials – 21% percentile	B.K. Kenzhaliev E.I. Kul'deev V.A. Luganov I.V. Bondarenko <u>I.Y. Motovilov</u> S.S. Temirova	Co-author
4	Study of gravity-flotation concentration of lead-zinc ore at the Shalkiya deposit	Article	Obogashchenie Rud, №6, 2021, p. 9–15, DOI: <a href="https://doi.org/10.17580/or.2021.06.02">10.17580/or.2021.06.02</a>	-	-	CiteScore 1.7 Metals and Alloys – 48% percentile	Sh.A. Telkov <u>I.Y. Motovilov</u> M.B. Barmenshinova Z.S. Abisheva	Author for correspondence
5	Influence of the size of hematite and magnetite ores on the parameters of the sintering process and the quality of the sinter	Conference paper	E3S Web Conference, Second International Conference on Sustainable Futures: Environmental, Technological, Social and Economic Matters (ICSF 2021), 2021	-	-	CiteScore 0.8 General Earth and Planetary Sciences – 25% percentile	O. Babaievska V. Plotnikov M. Konovalova N. Suslo <u>I. Motovilov</u>	Co-author
6	On the possibility to obtain manganese concentrate from manganese-containing tailings	Article	Metalurgija, 61(2), 2022, p. 321–324	JIF 0.6	ESCI	CiteScore 1.2 Metals and Alloys – 35% percentile	S. Temirova, G. Abdykirova E. Kuldeyev E. Tastanov I. Bondarenko <u>I. Motovilov</u>	Co-author

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7	Flotation studies of the middling product of lead-zinc ores with preliminary sulfidizing roasting of oxidized lead and zinc compounds	Article	Kompleksnoe ispol'zovanie mineral'nogo syr'a. №4(323), 2022, DOI: 10.31643/2022/6445.43	JIF 0.7 Metallurgy & metallurgical engineering - Q3	ESCI	-	T.A. Chepushtanova <u>I.Yu. Motovilov</u> Y.S. Merkibayev K.V. Polyakov S. Gostu	Author for correspondence
8	Study of the material composition of refractory gold-bearing ore from the Aktobe deposit.	Article	Kompleksnoe ispol'zovanie mineral'nogo syr'a. №4(331), 2024, <a href="https://doi.org/10.31643/2024/6445.34">https://doi.org/10.31643/2024/6445.34</a>	(2023) JIF 0.8 Metallurgy & metallurgical engineering - Q4	(2023) ESCI	-	M.B. Barmenshinova <u>I.Yu. Motovilov</u> Sh.A. Telkov R.S. Omar	Author for correspondence
9	Study of gravity pretreatment of refractory gold-bearing ore from Aktobe deposit	Article	Eurasian mining. №1. 2024. P. 11-14, DOI: <a href="https://doi.org/10.17580/em.2024.01.03">https://doi.org/10.17580/em.2024.01.03</a>	(2023) JIF 0.4 Mining & mineral processing - Q4	(2023) ESCI	(2023) CiteScore 2.7 Industrial and Manufacturing Engineering – 54% percentile	M.B. Barmenshinova <u>I.Yu. Motovilov</u> R.S. Omar E.V. Fedorov	Author for correspondence

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List of scientific works  
Motovilov Igor Yurievich

№ o/n	Title of the publication	Nature of the publication	Publication details	number of pages	coauthors
1	2	3	4	5	6
<b>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</b>					
1	Establishment of thermodynamic conditions for the roasting process of pyrite-cobalt concentrate (article, in Russian)	Printed	Bulletin of the National Engineering Academy of the Republic of Kazakhstan, №1, 2020, p. 82-88, ISSN 1606-146X	7	Luganov V.A. Chepushtanova T.A. Guseynova G.D. Merkibaev E.S.
2	Study of the influence of preliminary concentration on the grindability of polymetallic ores (article, in Russian)	Printed	Bulletin KazNRTU, №4, 2020, p.623-628, ISSN 1680-9211	6	Telkov Sh.A. Barmenshinova M.B.
3	Lead production cycle for selective flotation of lead-zinc ore (article, in Kazakh)	Printed	Mining journal of Kazakhstan, №10, 2020, p.34-38, ISSN 2227-4766	5	Telkov Sh.A. Barmenshinova M.B.
4	Optimization of thickening processes for enrichment products when processing ore from the Uzynzhal deposit (article, in Russian)	Printed	Mining journal of Kazakhstan, №4, 2020, p. 14-17, ISSN 1608-8425	4	Smolkova A.I. Telkov Sh.A. Vasilevskaya O. Lee E.M.
5	The influence of new flocculating reagents on thickening indicators in the conditions of enrichment of technogenic waste from metallurgical production (article, in Russian)	Printed	Industry of Kazakhstan, №4, 2020, p. 20-24, ISSN 1608-8425	5	Smolkova A.I. Telkov Sh.A. Vasilevskaya O. Lee E.M.
6	Study of flotation enrichment of copper-gold ore from the Koktaszhal deposit. (article, in Russian)	Printed	Mining journal of Kazakhstan, №5(229), 2024, p.30-37, ISSN 2227-4766	8	Seisenbeck A.K. Telkov Sh.A.

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7	Study of the material composition and assessment of gravitational dressing of oxidized polymetallic ores of the RK deposit. (article, in Russian)	Printed	Mining journal of Kazakhstan, №9, 2024, p.51-59, ISSN 2227-4766	9	Telkov Sh.A. Barmenshinova M.B. Omar R.S.
8	Study of the possibility of involving manganese ore enrichment waste in the production of inorganic materials. (article, in Russian)	Printed	Chemical Journal of Kazakhstan, №4(88), 2024, p. 46-56, ISSN 1813-1107, eISSN 2710-1185 <a href="https://doi.org/10.51580/2024-4.2710-1185.47">https://doi.org/10.51580/2024-4.2710-1185.47</a>	5	Sh.N.Kubekova, V.I.Kapralova, A.S.Raimbekova, G.T.Ibraimova, N.A.Ikhsan, V.E.Kuznetsov
<b>Patents</b>					
9	Method for complex processing of low-grade oxidized nickel ores to produce iron oxide powders (utility model)		27.12.2019 from №4572		Luganov V.A. Chepushtanova T.A. Huseynova G.D.
10	Method for grinding refractory silicified polymetallic ores using gravity enrichment (utility model)		30.04.2021 from №6020		Telkov Sh.A. Barmenshinova M.B.
<b>Articles published in other scientific journals and publications</b>					
11	Technology of sulfidizing-pyrrhotizing roasting of lead flotation tailings. (article)	Electronic	Journal Mining and geological science, 2020, p. 31-37, ISSN 2683-0027, ISSN 2682-9525	7	Chepushtanova T.A. MerkibayeY. S. V. Sarsenov M. S. Sumedh.G.
12	Development of the lead cycle mode for flotation of polymetallic ore using the simplex planning method (article, in Russian)	Printed	Mining journal of Kazakhstan. №4, 2021, p.47-54, ISSN 2227-4766	8	Yangitilavova B.H. Lee E.M.
13	Study on the beneficiation of manganese ore of the Kartobay ore occurrence (article, in Russian)	Printed	Mining journal of Kazakhstan, №5, 2021, p. 42-47, ISSN 2227-4766	6	Telkov Sh.A. Uisembeck A.A.
14	Development of technology for enrichment of middlings of magnetite ores (article, in Russian)	Printed	Mining journal of Kazakhstan, №6, 2021, p.32-38, ISSN 2227-4766	8	Telkov Sh.A. Duysekeshova A.S.

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15	Development of a hybrid technology for sulfiding roasting of zinc- and lead-containing industrial products of enrichment (article, in Russian)	Printed	Mining journal of Kazakhstan, №10, 2021, p.28-35, ISSN 2227-4766	8	Chepushtanova T.A. MerkibayeY. S. V. Polyakov K.V.
<b>International scientific and practical conferences</b>					
16	Raw material base of iron ores of Kazakhstan and technology for their processing (in Russian)	Printed	International scientific-practical conference « Rational use of mineral and technogenic raw materials in Industry 4.0 », 2019, p. 377-379, ISBN 978-601-323-168-6	3	Telkov Sh.A. Barmenshinova M.B.
17	Development of technology for the enrichment of oxidized lead-barite ores using gravitational enrichment processes (in Russian)	Printed	Satbayev readings materials « The international scientific-practical conference under the motto “Great people of the Great Steppe - K. Satbayev», V.1, 2019, p. 779-783, ISBN 978-601-323-145-7	5	Telkov Sh.A. Bostandykov A.M. Barmenshinova M.B.
18	Fractional analysis of ores by high density (in Russian)	Printed	XII Congress of UIS Enrichment Workers. 2019, p.146-149, ISBN 978-5-904216-14-8	4	Telkov Sh.A. Barmenshinova M.B.
19	Studying the possibility of applying gravity pre-enrichment methods to lead-zinc-barite ores of the oxidized grade of the Zapadny quarry (in Russian)	Printed	XII Congress of UIS Enrichment Workers. 2019, p.84-88, ISBN 978-5-904216-14-8	5	Telkov Sh.A. Zelensky V.P. Malimbaev U.S.
20	Study of the material and granulometric composition of oxidized lead-zinc-barite ore from open-pit mining in the Zapadny quarry (in Russian)	Printed	Satbayev readings materials, V.1, 2020, p. 492-495, ISBN 978-601-323-209-6	4	Bukpanov A.K. Telkov Sh.A.
21	Study of technology for gravity enrichment of iron ores (in Kazakh)	Printed	Satbayev readings materials, V.1, 2020, p. 534-538, ISBN 978-601-323-209-6	5	Omar R.S. Telkov Sh.A.
22	Flotation of the light fraction of preconcentration in heavy suspensions of ore from the Shalkiya deposit (in Russian)	Printed	XXV international scientific and technical conference «Scientific foundations and practice of processing ores and technogenic raw materials», «Fort Dialog-Iset», 2020, p. 128-132, ISBN 978-5-91128-181-6	5	Telkov Sh.A. Barmenshinova M.B.

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23	Study of the possibility of obtaining inorganic silicon phosphate materials based on waste from the enrichment of polymetallic ore from the Shalkiya deposit (in Russian)	Printed	International scientific and practical conference «Correlational Interaction of Science and Practice in the New World», 2020, p.226-229, ISBN 978-5-7310-4933-7	4	Nurman B.Sh. Kapralova V.I. Telkov Sh.A.
24	Study of the gravity enrichment of Shalkiya deposit lead-zinc ores	Printed	XXX International Mineral Processing Congress Proceedings IMPC, 2020, p.821-833, ISBN 978-1-928410-21-8	13	Telkov S.A. Abisheva Z.S. Barmenshinova M.B.
25	Study of the flotation kinetics of the lead cycle of polymetallic ore (in Russian)	Printed	Satbayev readings materials, V.1, 2021, p. 872-876, ISBN (general) 978-601-323-246-1, ISBN (1 volume) 978-601-323-247-8	5	Agibaeva D.N. Lee E.M.
26	Study of the material and granulometric composition of lead-zinc ore from the Shalkiya deposit (in Russian)	Printed	Satbayev readings materials V.1, 2021, p. 879-883, ISBN (general) 978-601-323-246-1, ISBN (1 volume) 978-601-323-247-8	5	Arstanova A.A. Telkov Sh.A. Barmenshinova M..B.
27	Development of technology for preliminary enrichment of oxidized lead-zinc-barite ore from open-pit mining in the Zapadny open pit using gravitational processes (in Russian)	Printed	Satbayev readings materials, V.1, 2021, p. 892-896, ISBN (general) 978-601-323-246-1, ISBN (1 volume) 978-601-323-247-8	5	Bukpanov A.K. Telkov Sh.A.
28	Fundamental Possibility Study separation of gravity concentrates of ferromanganese ore from the Keregetas deposit using the magnetic separation process (in Russian)	Printed	Satbayev readings materials, V.1, 2021, p. 918-922, ISBN (general) 978-601-323-246-1, ISBN (1 volume) 978-601-323-247-8	5	Goroshilov A.I. Telkov Sh.A.
29	Study of technology for gravity enrichment of iron ores (in Kazakh)	Printed	Satbayev readings materials, V.1, 2021, p. 993-997, ISBN (general) 978-601-323-246-1, ISBN (1 volume) 978-601-323-247-8	5	Omar R.S. Telkov Sh.A.
30	Separation of gold-containing concentrate from polymetallic ore using a centrifugal concentrator from Knelson (in Russian)	Printed	Satbayev readings materials, v.1, 2021, p. 1041-1045, ISBN(general) 978-601-323-246-1, ISBN (1 volume) 978-601-323-247-8	5	Yangitilavova B.H. Lee E.M.

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31	Study of the material composition and physical and mechanical properties of ore from the Koktaszhal deposit (in Russian)	Printed	Satbayev readings materials, v.1, 2021, p. 1049-1052, ISBN (general) 978-601-323-246-1, ISBN (1 volume) 978-601-323-247-8	4	Zhanatuly E.
32	Study of the material and granulometric composition of ore tailings from wet magnetic separation of the Sokolovsko-Sarbaiskoye deposit (in Russian)	Electronic	Satbayev readings materials, v.1, 2022, p. 57-61, ISBN (general) 978-601-323-291-1, ISBN (III volume) 978-601-323-292-8	5	Zhakupova Zh. Zh.
33	Study of the material and granulometric composition of lead-zinc ore (in Russian)	Electronic	International Satbayev conference: KazNRTU, T.1, 2023, p. 33-39, ISBN(general) 978-601-323-379-6, ISBN (I volume) 978-601-323-373-4 <a href="https://doi.org/10.51301/ISC.2023.v1.05">https://doi.org/10.51301/ISC.2023.v1.05</a>	7	Telkov Sh.A. Zharylgapova A.T.
34	Development of flotation enrichment mode for copper-gold ore from the Koktaszhal deposit using different collectors(in Russian)	Electronic	International scientific and practical conference «Resource-saving technologies in the mineral-industrial mega-complex in conditions of sustainable economic development» KazNRTU, 2024, p.395-399 ISBN 978-601-323-440-3	5	Seisenbeck A.K. Telkov Sh.A.
35	Study of gravity-flotation beneficiation of gold ore (in Russian)	Electronic	International scientific and practical conference «Resource-saving technologies in the mineral-industrial mega-complex in conditions of sustainable economic development» KazNRTU, 2024, p.399-403 ISBN 978-601-323-440-3	5	Bazar R.N.
36	Optimization of gold ore grinding process technology (in Russian)	Electronic	International scientific and practical conference «Resource-saving technologies in the mineral-industrial mega-complex in conditions of sustainable economic development» KazNRTU, 2024, p.403-405 ISBN 978-601-323-440-3	3	Khasenov A.R. Telkov Sh.A.

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37	Study of flotation enrichment of oxidized copper ore using different collectors (in Russian)	Electronic	International scientific and practical conference «Resource-saving technologies in the mineral-industrial mega-complex in conditions of sustainable economic development» KazNRTU, 2024, p.405-410 ISBN 978-601-323-440-3	6	Mansurov B.E. Telkov Sh.A.
<b>Monographs, textbooks</b>					
38	Ore preparation processes and equipment (in Kazakh)	Printed	Training manual for students of higher educational institutions of Kazakhstan. – Almaty: KazNRTU, 2023. – 144 p. Figures 61. Tables 6. Bibliography 10 titles.	144	-

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