

List of scientific papers in the Republic of Kazakhstan for 2017-2021

№	Name of works	The nature of the work (hand. or print.)	Publisher's name (number, year, page)	Surname of the authors of the works
2017 year				
1	Production of iron oxide nanopowders by reduction of iron chlorides	Print.	Industry of Kazakhstan 1(100) 2017, P. 78-82	Chepushtanova T.A., Motovilov I.Yu., Luganov V.A., Huseynova G.D. Toktagulova A.K.
2	Study of wear resistance of ceramic materials based on ZrO ₂ , BeO ₂ , MgO in carbonate melts of alkali metals at high temperatures	Print.	Fundamental research. 2017. No. 1, P. 63-67.	Dosmukhamedov N.K., Zholdasbai E.E., Kaplan V.A.
3		Print.	Bulletin of KazNRTU. 2017. No. 1 (119). P. 493-499.	Dauletbakov T.S. Dosmukhamedov N.K., Zholdasbai E.E., Nurlan G.B., Kurmanseitov M.B.
4	Installation of zone melting and its application for the production of ultrapure metals	Print.	Fundamental research. 2017. No. 1, P. 50-55.	Dosmukhamedov N.K., Zholdasbai E.E., Nurlan G.B., Kurmanseitov M.B.
5		Print.	Bulletin of KazNRTU, 2017, № 1 (119), P. 476-481.	Dosmukhamedov N.K., Zholdasbai E.E., Kaplan V.A., Boshkaeva L.T., Kurmanseitov M.B.
6	Selection and justification of a method for the regeneration of a carbonate-sulfate melt with the extraction of sulfur into a commercial product	Print.	Mining magazine of Kazakhstan. 2017. № 2. P. 26-33.	Dosmukhamedov N.K., Zholdasbai E.E., Kaplan V.A.
7	Study of the viscosity of the Cu ₂ O-Fe ₂ O ₃ -SiO ₂ -CaO system	Print.	Bulletin of KazNRTU, 2017, № 2, P. 591-596.	Dosmukhamedov N.K., Zholdasbai E.E., Nurlan G.B., Akhmedzhanov J.R., Toktarova A.E.
8	Calculation of the balance of melting of copper concentrates into rich steins and assessment of copper losses by slag	Print.	Bulletin of KazNRTU, 2017, № 2, P. 596-603.	Dosmukhamedov N.K., Zholdasbai E.E., Nurlan G.B., Tursan Zh.U. Baytemir M.M.
9	Method for separating non-ferrous metals and iron from copper-rich slags into commercial products	Print.	Bulletin of KazNRTU, 2017, № 3, P. 575-583.	Dosmukhamedov N.K., Zholdasbai E.E., Kurmanseitov M.B., Toktarova A.E. Akhmedzhanov J.R.
10	Production of ultrapure copper by zone melting: calculation of the distribution coefficient of impurity metals	Print.	Mining magazine of Kazakhstan. 2017. № 7. P. 41-46.	Dosmukhamedov N.K., Zholdasbai E.E., Kurmanseitov M.B., Nurlan G.B.
11	Purification of metals by zone melting: the influence of the temperature of the liquid zone on the degree of purification of copper from impurities	Print.	Mining journal of Kazakhstan. – 2017. – № 7. – P. 30-39	Dosmukhamedov N.K., Zholdasbai E.E., Nurlan G.B., Kurmanseitov M.B.

12	Purification of industrial tailings gases from sulfur: Analysis of the operation of a boiler for burning sulfur-containing coal	Print.	Fundamental research. –2017. –№ 6. –P. 41-47.	Dosmukhamedov N.K., Kaplan V.A., Simbinov M.D., Ismailov M.Ya., Zholdasbai E.E.
13	Technological experiments on the purification of copper from impurities by zone melting	Print.	Bulletin of KazNRTU. 2017. № 1 (119). P. 493-499.	Dauletbakov T.P., Dosmukhamedov N.K., Zholdasbai E.E., Nurlan G.B., Kurmanseitov M.B.
14	Technological experiments on the purification of refined copper from impurities by zone melting	Print.	Bulletin of KazNRTU, 2017. №1. P. 493-499.	Dauletbakov T.P., Dosmukhamedov N.K., Zholdasbai E.E., Nurlan G.B.
15	Studies of the process of purification of zinc sulfate solution from impurities	Print.	Bulletin of KazNRTU. – 2017. – № 1(119). – P. 487-493.	Zhunusova G.Zh., Kalyanova O.A., Anarbekov K.K., Bedelova Zh.D., Sydykanov M.M.
16	Obtaining zinc oxide from solutions from autoclave leaching of low-grade zinc concentrate of the Nykolaiv deposit in Kazakhstan	Print.	Complex use of mineral raw materials. – 2017. – № 1. – P. 29-33.	Zhunusova G.Zh., Kalyanova O.A., Anarbekov K.K., Bedelova Zh.D., Sydykanov M.M.
17	The process of purification of zinc sulfate solution from copper and cadmium	Print.	Complex use of mineral raw materials. – 2016. – № 4. – P. 17-20.	Zhunusova G.Zh., Kalyanova O.A., Bedelova Zh.D., Sydykanov M.M. Anarbekov K.K.
18	Deterministic control of redox processes of blast furnace melting	Print.	International scientific, technical and production magazine "Steel", - № 2, 2017, P. 10-14.	S.M. Tleugabulov, B.S. Tleugabulov, S. B. Abikov
19	Energy-saving ferroalloy production technology	Print.	International scientific, technical and production magazine «Steel», - № 10, 2017, P. 13-18	S.M. Tleugabulov, E.B. Tazhiev
20	On the mechanism of carbon reduction of difficult reduced metals	Print.	International scientific journal «Bulletin of the Kazakh-British technical university», № 2, 2017, ISSN 1998–6688	S.M. Tleugabulov, G.M. Koishina
21	Study of electrooxidation of leaching of vanadium ores of Kazakhstan	Print.	Bulletin of KazNRTU, – №1, – 2017, – P. 500-504.	Alybaev Zh.A., Boshkaeva L.T., Dzhumankulova R.K. Tolegen D.A., Tursunzhanov R.A.
22	Thermodynamic and technological studies of the recovery process of low-quality ilmenite concentrates in the presence of sodium carbonate	Print.	Bulletin of KBTU, -Almaty, -2017, №4.	Tleubekova R.K., Myrzakulov M.K., Boshkaeva L.T., Alybaev Zh.A., Kombayev R.K.
2018 year				
23	Investigation of thermodynamic parameters of electric melting reactions of lead dusts of battery production	Print.	Almaty: Bulletin of KazNRTU, № 1, 2018, P. 152-155.	Toyshybek A.M., Moldabayeva G.Zh.
24	Ways of improving the technology of processing of semi-products and recycling materials of the lead production	Print.	Almaty: Bulletin of KazNRTU, № 5 (129), 2018, P. 106-112.	Dosmukhamedov N.K., Zholdasbai E.E., Dauletbakov T.S., Balgimbayeva U.A., Kurmanseitov M.B., Moldabaeva G.Zh.

25	Processing of low-quality sulfide copper concentrates in the Vanyukov furnace	Print.	Bulletin of KazNRTU. – 2018. - № 4 (128). – P. 458-462	Zholdasbai E.E., Nurlan G.B., Kurmanseitov M.B., Tleuliev K.G., Dosmukhamedov N.K.
26	Study of phase composition systems of Cu ₂ O-FeO _x -CaO-SiO ₂ slag metals	Print.	Vestnik KazNRTU. – 2018. – №5 (129). – P. 393-399	Dosmukhamedov N.K., Fedorov A.N., Zholdasbay E.E., Kurmanseitov M.B., Ahmedjan Zh.S.
27	Processing of secondary copper-containing tailings	Print.	Bulletin of KazNRTU. – 2018. - № 4 (128). – P.462-466	Zholdasbai E.E., Nurlan G.B., Kurmanseitov M.B., Kuandyk A.R., Dosmukhamedov N.K.
28	Oxidative roasting of vanadium-containing ore with alkali metal salts	Print.	Complex use of mineral raw materials, – №3. – 2018. – P. 37-45. ISSN 2616-6445 (Online), ISSN 2224-5243 (Print).	Dzhumankulova R.K. Alybaev Zh.A., Zhuchkov V.I., Boshkaeva L.T.
29	Glauconite-containing sands are a non-metallic mineral of Kazakhstan.	Print.	Bulletin of KazNRTU, t. Almaty, №2 (126), 2018, P.14-18	M.R. Shautenov, V.V. Peregudov, B.K. Baidillaev, N.T. Akkazina
30	Research on the extraction of useful components from ash and slag tailings	Print.	Bulletin of KazNRTU, №4. 2018. P. 453-458.	M.R. Shautenov, V.V. Peregudov, A.N. Aitkulova, N.A. Imangaliev
31	Distribution of alloying elements of titanium alloy VT 5L obtained in a vacuum induction furnace	Print.	Bulletin of KazNRTU, №1, 2018	B.K. Kombaev, B.S. Baimbetov, K.K. Kombaev, B.K. Tleubekova, D.K. Kokkozov
32	Investigation of the leaching process of metal sulfides in the presence of alkali metal salts	Print.	Mining journal of Kazakhstan, №6, 2018, P.38-43	Dauletova A.A., Baimbetov B.S., Aitenov K.D., Bekisheva A.A.
33	Fundamentals and prospects for the development of restorative steel melting	Print.	Scientific and technical journal «Metals», 2018, № 2, p. 72-77	Tleugabulov S.M., Abikov S.B., Koishina, G.M. Tatybaev M.K.
34	Reduction melting of metal-containing industrial tailings without carburization of a metal alloy	Print.	Complex use of mineral raw materials минерального сырья. 2018. №4. P. 71-76. ISSN 2616-6445 (Online), ISSN 2224-5243 (Print)	E. B. Tazhiev, S.M. Tleugabulov, D.I. Ryzhonkov, G.M. Koishina
35	A systematic approach to the development of technology for reducing steel smelting	Print.	FERROUS METALLURGY. Bulletin of scientific, technical and economic information. №9, 2018, - P. 40-47. ISSN 0135-5910 (Print) ISSN 2619-0753 (Online)	S.M. Tleugabulov, E.B. Tazhiev, B.S. Tleugabulov
36	Quantitative technology for obtaining manganese-vanadium-containing alloys and steel	Print.	Bulletin of the Kazakh-British Technical University, №3 (46), 2018, - P. 47-53. ISSN 1998-6688	S.M. Tleugabulov, E.B. Tazhiev
37	Investigation of the kinetics of heterogeneous reactions of C – MeO (Me - Fe, W) in the solid-phase state	Print.	Bulletin of the Kazakh-British Technical University, №3 (46), 2018, - P. 25-29. ISSN 1998-6688	S.M. Tleugabulov, M.B. Kurmanseitov
38	Research on increasing the strength of cast metal products	Print.	Bulletin of KazNRTU, 2018, № 1, P. 47-50	S.M. Tleugabulov, M.B. Kurmanseitov
39	Obtaining chromite concentrate from enrichment tailings	Print.	Complex use of mineral raw materials. №1, 2018, t. Almaty. P.12-17. ISSN 2224-5243	S.V. Gladyshev, R.A. Abdulvaliyev, B.K. Kenzhaliyev, Dyusenova S.B.,

				L.M. Imangalieva
2019 year				
40	Production of highly dispersed particles of iron oxide pigments of spherical shape from Kazakhstan diatomite raw materials	Print.	Glass and ceramics, 2019, №5 – P. 40-45	Kenzhaliev B.K. Kuldeev E.I. Luganov V.A. Bondarenko I.V. Motovilov I.Yu. Temirova S.S.
41	Substantiation of the possibility of using gravity enrichment of lead-zinc ore from the Shalkiya deposit	Print.	FTPMD, 2019. - №3. – P. 99-105.	Telkov Sh.A., Motovilov I.Yu., Barmenshinova M.B., Medyanik N.L., Daruesh G.S.
42	Research on the processing of ash and slag tailings to obtain useful components	Print.	Mining journal of Kazakhstan, №9, Almaty, 2019 t. P. 8-13.	Shautenov M.R., Zayakina S.B., Peregudov V.V., Begalinov A.
43	Issues of gold content of coals and their combustion products	Print.	Bulletin of KazNRTU, t. Almaty, №3 (133), 2019, P. 699-704	Shautenov M.R., Peregudov V.V., Tretyakov A.V., Akkazina N.T.
44	Research on gravity-flotation enrichment of technogenic tungsten-containing raw materials.	Print.	Mining journal of Kazakhstan № 9, 2019 t. P. 27-30. http://minmag.mining.kz	M.R. Shautenov, Yu.P. Morozov, A.S. Shevchenko, N.T. Akkazina,
45	Study of the material composition of the gold-bearing ore of the Sari Gunai deposit.	Print.	Mining journal of Kazakhstan №2, 2020, P. 6-11 IRSTI Code 52.31.47	E.K. Esengaraev, B.S. Baimbetov, S.V. Mamyachenkov, B.N. Surimbayev
46	Study of the process of cyanide leaching of gold using sodium acetate at different ore sizes	Print.	Complex use of mineral raw materials. №1 (312), P.59-68. 2020 ISSN-L 2616-6445, ISSN 2224-5243	Esengaraev E. K., Baimbetov B. S., Mamyachenkov S.V., Serimbaev B. N., Prozor N.G.
47	Degree of metallization of copper-lead matte	Print.	International Journal of Applied and Fundamental Research // –№1. – 2019. –P. 9-17	Dosmukhamedov N.K., Zholdasbai E.E.
48	Technological experiences for level recovery of copper-lead shtein.	Print.	Vestnik KazNRTU // –№1 (131). – 2019. – P. 260-266	N.K. Dosmukhamedov, E.E. Zholdasbay, M.B. Kurmanseitov
49	Types of detection of copper, lead and associated metals in mine smelting products.	Print.	Mining journal of Kazakhstan // – №1. –2019. –P. 35-43	Zholdasbai E.E., Dosmukhamedov N.K.
50	Assessment of the quality of products obtained from the mine smelting process of lead semi-products and return materials	Print.	Mining journal of Kazakhstan // – №5 (129). – 2019. – P. 106-112	Dosmukhamedov N.K., Zholdasbai E.E.
51	Thermodynamic regularities of recovery of high-sulfur slag by coal	Print.	KAZAKHSTAN SCIENCE NEWS KA3AXCTAHA // –№1 (139). – 2019. – P. 107-121	Dosmukhamedov N.K., Zholdasbai E.E., Nurlan G.B.
52	Reduction-melting process in relation to metal-containing tailings	Print.	The journal "STEEL". №3. 2019 y, – P. 65-69.	S.M. Tleugabulov, A.H. Nurumgaliev, G.M. Koishina, N.B. Aitkenov.
53	Mathematical models that predict the thickness of the steel layer formed in the surface layer of cast metal products, depend on the amount of carbon and process indicators	Print.	Mining journal of Kazakhstan, 2019, № 4, 37- 41 бет. ISSN 2227–4766	M.B. Kurmanseytov, G.M. Koishina
54	Distribution of the complex sulfide raw stuff components on roasting with soda, aqueous and acid leaching of calcine	Print.	Non-Ferrous Metals, 2(47), 2019, p.31-37, Ore & Metals Publishing House, Moscow	Baimbetov B. S., Bekisheva A. A., Aitenov K. D.

2020 year				
55	Establishment of thermodynamic conditions of the pyrite cobalt concentrate firing process	Print.	Bulletin of the National Engineering Academy of the Republic of Kazakhstan №1 (75). – 2020. – P. 82-88	Luganov V.A., Chepushtanova T.A., Huseynova G.D., Motovilov I.Yu., Merkibaev E.S.
56	Investigation of the effect of pre-concentration on the pulverizability of polymetallic ores	Print.	Bulletin of KazNRTU, №4 2020 c.623-628	Telkov Sh.A. Motovilov I.Y. Barmenshinova M.B.
57	On the issue of processing ferroalloy slag production	Print.	Almaty: Bulletin of KazNRTU, № (138), 2020, P. 543-547.	Moldabaeva G.Zh., Sauken T.Zh.
58	The method of processing technogenic tailings of chromium	Digital	Journal of Mining and Metallurgy, 56 A (1) (2020) 1 – 6 (print).	B. KENZHALIYEV, R. ABDULVALIYEV, S. GLADYSHEV DUSENOVA S
59	Assessment of the Possibility of Copper Copper-containing Intermediate Product Recovery from the Processing Tailings	Digital	International Journal of Advanced Science and Technology, Vol. 29, No. 4, (2020), P. 2551 – 2557	Baibatsha A., Abdykairova G., Bekbotayeva A.A., Nurmanova A.
60	Study of the material composition of the gold-bearing ore of the Sary Gunai deposit.		Mining journal of Kazakhstan №2, 2020, P.6-11 IRSTI Code 52.31.47	E.K. Esengaraev, B.S. Baimbetov, S.V. Mamyachenkov, B.N. Surimbayev
61	Study of the process of cyanide leaching of gold using sodium acetate at different ore sizes		Complex use of mineral raw materials. №1 (312), P. 59-68. 2020 ISSN-L 2616-6445, ISSN 2224-5243	Esengaraev E. K., Baimbetov B. S., Mamyachenkov S. V., Serimbaev B. N., Prozor N. G.
62	Forms of oxygen presence in copper–lead matte.	Print.	Journal of Materials Research and Technology. Volume 9, Issue 5 , September–October 2020, Pages 11826-11833. IF=5,289, Percentile – 68 %, Quartile – Q2.	N. Dosmukhamedov, A. Argyn, E. Zholdasbay, G. Moldabayeva
63	Method for measuring acoustic characteristics of traffic flows in an urban environment		Bulletin of the Kazakh Head Architectural and Construction Academy, №4. – Almaty. - 2020	Akubaeva D.M., Bilibekkyzy E., Isakhanova A.B.
2021 year				
64	Ore treatment hydrogen peroxide during heap leaching of gold	Print.	Complex use of mineral raw materials. №1 (316), 2021, P.5-14. ISSN-L 2616-6445, ISSN 2224-5243	Yessengarayev Ye.K., Surimbayev B.N., Baimbetov B.S., Mamyachenkov S.V., Kanaly T.S.
65	Application of Albion technology for processing of persistent sulfide gold-containing concentrates	Print.	It was put into print on 28.01.2021 y. in the "Bulletin of Satbayev University"	Moldabaeva G.Zh., Yusupova Zh.A.
66	Thermodynamic analysis of reactions of interaction of components of an electric shock charge with the formation of metal thiocticides	Print.	It was put into print on 10.03.2021 y. в «Bulletin of KBTU»	Moldabayeva G.Zh., Saulebekkyzy Sh.
67	Comparison of the stress state of steel-copper and steel-aluminum bimetallic wires	Print.	Almaty: Bulletin of KazNRTU, № 1, 2021, P. 128-134.	Volokitina I.E., Volokitin A.V., Panin E.A., Moldabaeva G.Zh., Salko O.Yu., Kuldeev E.I.
68	The method of processing technogenic tailings of chromium	Digital	Journal of Mining and Metallurgy, 56 A (1) (2020) 15 - 22	S. Dyussenova, B. KENZHALIYEV, R. ABDULVALIYEV, S. GLADYSHEV

69	Assessment of the Possibility of Copper Copper-containing Intermediate Product Recovery from the Processing Tailings	Digital	International Journal of Advanced Science and Technology, Vol. 29, No. 4, (2020), P. 2551 – 2557	Baibatsha A., Abdykirova G., Bekbotayeva A.A., Dyussenova S., Nurmanova A.
70	Modification of the phase composition of low-grade gibbsite-kaolinite bauxites	Print.	Complex use of mineral raw materials. №2 (), 2021 ISSN-L 2616-6445, ISSN 2224-5243 (accepted for printing).	Abdulvaliyev R.A., Dyussenova S.B., Manapova A.I., Beisenbiyeva U.Zh.
71	Working out the mode of the lead cycle of polymetallic ore flotation using the simplex-planning method		Mining magazine of Kazakhstan. – 2021. – №4. - P.47-54	Yangitilavova B.H., Li E.M., Motovilov I.Yu.
72	Working out the regime of the lead cycle of polymetallic ore flotation using the simplex-planning method (article)	Print.	Mining magazine of Kazakhstan. №4, 2021, P.47-54, ISSN 2227-4766	Yangitilavova B.H., Motovilov I.Yu. Li E.M.,
73	Research on the enrichment of manganese ore of the Kartobai ore occurrence (article)	Print.	Mining journal of Kazakhstan, №5, 2021, P. 42-47, ISSN 2227-4766	Sh.A. Telkov I.Y. Motovilov A.A. Uisimbek
74	Development of technology for the enrichment of industrial products of magnetite ores	Print.	Mining journal of Kazakhstan, №6, 2021, P.32-38, ISSN 2227-4766	Sh.A. Telkov I.Y. Motovilov A.S. Duisekeshova
75	Die design for the implementation of high-pressure torsion		Almaty: Bulletin of KazNRTU, № 2, 2021, P. 207-214.	Volokitin A.V., Naizabekov A.B., Volokitina I.E., Panin E.A., Moldabaeva G.Zh.
76	Kinetic parameters of the process of regeneration of carbonate-sulphate melt with natural gas	Print.	Gornyi Zhurnal Kazakhtana. – 2021. – №1. – P. 34-40.	Dosmukhamedov N.K., Zholdasbay E.E., Kurmanseitov M.B., G., Argyn A.A.
77	Conditions for the sustainable development of the copper industry. Theory. Experiment. Practice.	Print.	Monograph. – 2021. – 308 P.	Dosmukhamedov N.K., Egizekov M.G.
78	Study on the behavior of zinc and associated metal-impurities in the process of chlorinating roasting of dross	Print.	Complex Use of Mineral Resources. Volume 3, Issue 318, 2021, - P. 71-80. ISSN-L 2616-6445, ISSN 2224-5243	G.M. Koshina, E.E. Zholdasbay, M.B. Kurmanseitov, E.B. Tazhiev, A.A. Argyn
79	Selection and justification of the technology of complex processing of izgari with the production of commercial products	Print.	Republican Scientific and Technical journal "Universitet enbekteri – Trudy universiteta". №3 (84), 2021, - P. 87-93.	Koishina G.M., Zholdasbai E.E., Kurmanseitov M.B., Tazhiev E.B.
80	Regularities of the formation of monovariant phase equilibrium lines in the Cr-Fe binary system	Print.	Bulletin of KazNRTU. – №2, 2021, – P. 166-174. ISSN: 2709-4758; eISSN 2709-4766	N.Z. Nurgali, O.R. Sariev, M.S. Almagambetov, M.S. Dosekenov, B.S. Kelamanov E.B. Tazhiev
81	Modeling of Fe-Ti, Ti-Si, Ti-Al metal systems	Print.	Bulletin of KazNRTU. – №3, 2021, – P. 115-121. ISSN: 2709-4758; eISSN 2709-4766	N.Z. Nurgali, B.S. Kelamanov, E.B. Tazhiev O.R. Sariev, A.M. Abdirashit, A.G. Burumbayev, O.V. Zayakin
82	Thermodynamic-diagram analysis of a four-component ferrosilicocirconium (Fe-Zr-Al-Si) system taking into account congruent compounds	Print.	Bulletin of KazNRTU. – №4, 2021, – P. 151-158. ISSN: 2709-4758; eISSN 2709-4766	N.Z. Nurgali, B.S. Kelamanov, E.B. Tazhiev O.V. Zayakin

List of scientific papers indexed in Thomson Reuters (Web of Science)

№	Name of works	The nature of the work (hand. or print.)	Publisher's name (number, year, page)	Surname of the authors of the works
2017 year				
1	Production of iron oxide nanopowders by reduction of iron chlorides	Print.	Industry of Kazakhstan 1(100) 2017, P. 78-82	Chepushtanova T.A., Motovilov I.Yu., Luganov V.A., Huseynova G.D. Toktagulova A.K.,
2	Natural gas regeneration of carbonate melts following SO ₂ capture from non-ferrous smelter emissions	Print.	RSC Advances. 2017. №7. P. 21406-21411	Dosmuhamedov N., Zholdasbay E., Kaplan V., Wachtel E., Lubomirsky I.
2018 year				
3	Metal Recovery from Converter Slags Using a Sulfiding Agent	Print.	JOM (Thomson Reuters, Scopus). - 2018. – Vol. 70, issue 10. – P. 2400-2406	Dosmukhamedov N., Egizekov M., Zholdasbay E., Kaplan V.
4	Fundamentals and Prospects of the Development of Reduction Steelmaking	Print.	Russian Metallurgy (Metally), Vol. 2018, No. 3, P. 282–286. 2018. ISSN 0036-0295. Web of Science IF-0.32 Percentile – 21-st	S. M. Tleugabulov, S. B. Abikov, G. M. Koishina, M. K. Tatybaev
2019 year				
5	Transformation of the iron in the steel of thermochemical processing of the surface of the blue cylin	Print.	News of the National Academy of Sciences of the Republic of Kazakhstan, Series of Geology and Technical Sciences , 2(434), P. 166-173.), 2019. Web of Science IF-0.09 Percentile – 26-th	S. M. Tleugabulov, M.B. Kurmanseytov G.I. Sultamurat
6	The reduction smelting of metal-containing industrial tailings	Print.	News of the National Academy of Sciences of the Republic of Kazakhstan, Series of Geology and Technical Sciences , 1, c. 32-37, 2019. Web of Science IF-0.09 Percentile – 26-th	S. M. Tleugabulov, D.I. Ryzhonkov, N. Aytbayev, G.M. Koishina, G.I. Sultamurat
2020 year				
7	Alumina and Silica Produced by Chlorination of Power Plant Fly Ash Treatment	Print.	JOM. – 2020. – Vol. 72(10). – P. 3348–3357. (Web of Science, Scopus, Q-2, Percentile-84-th.)	Kaplan V., Dosmukhamedov N., Zholdasbay E., Daruesh G., Argyn A.
8	<u>Behavior of Cu, Zn, Pb, As compounds during copper-zinc concentrate and matte comelting in converters</u>		Non-ferrous Metals, 2020, 49(2), P. 11–18	Dosmukhamedov N.K., Zholdasbay E.E., Argyn A.A., Kurmanseitov M.B.
9	<u>Investigation of cu, pb, zn, as, sb distribution during the lead semiproducts and copper-zinc concentrate comelting</u>		Non-ferrous Metals, 2020, 48(1), P. 8–14	Dosmukhamedov N.K., Fedorov A.N. Zholdasbay E.E. Argyn A.A.
2021 year				

10	Flue gas purification from SO ₂ and NO _x using molten mixture of alkali metal carbonates	Print.	International Journal of Coal Preparation and Utilization. – 2021. – P. 1-12. (Web of Science, Scopus, Q-3, Percentile-58-th.)	N. Dosmukhamedov, V. Kaplan
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№	Name of works	The nature of the work (hand. or print.)	Publisher's name (number, year, page)	Surname of the authors of the works
2017 year				
1	Processing of metallurgical tailings with obtaining iron oxides nanopowders	Print.	The international conference tailings: solutions, treatments and opportunities, porto, portugal, 25-26 september 2017. – P. 191-197. ISBN 978-1-138-19669-8 (Hbk) ISBN 978-1-315-20617-2 (eBook) Scopus IF – 0,15	Motovilov, I.Y., Luganov, V.A., Chepushtanova, T.A., Guseynova, G.D., Itkulova, S.S.
2	The use of zone melting for the production of ultrapure copper: features of the behavior of impurity metals	Print.	Non-ferrous metals, 2017, №7, P. 34-39.	Dosmukhamedov N.K., Zholdasbai E.E., Nurlan G.B., Kurmanseitov M.P.
3	Control of Redox Processes in the Blast Furnace	Print.	Steel in Translation, 2017, Vol. 47, No. 2, P. 119–124	Tleugabulov, S.M., Abikov, S.B., Tleugabulov, B.S
4	Improving the efficiency of flotation classification of ores and tailings of enrichment	Print.	Scientific journal Ore Enrichment. № 2, 2017, t. Saint-Petersburg. P. 38-43. ISSN 0202-3776, 49 Percentile (Scopus) IF – 1	Morozov Yu. P., Abdykerova G. Zh., Bekchurina E. A. Dyusenova S.B.
5	Roasting-magnetic enrichment of manganese-containing technogenic raw materials	Print.	Scientific journal Ore Enrichment № 5, 2017, t. Saint-Petersburg P. 54-56. ISSN 0202-3776, 49 Percentile (Scopus) IF – 1	Abdykirova G.Zh., Toylanbai G.A., Ramazanova Zh.A. Dyusenova S.B.
6	Enrichment of chromium-containing slurries	Print.	Scientific journal Ore Enrichment № 6, 2017. t. Saint-Petersburg P. 15-19. ISSN 0202-3776, 49 Percentile (Scopus) IF – 1	Abduvaliev R. A., Abdykerova G.Zh., Imangalieva L. M. Dyusenova S.B.
7	Control of Redox Processes in the Blast Furnace	Print.	Steel in Translation, 2017, Vol. 47, No. 2, P. 119–124. Scopus IF=0.58 Percentile – 30-th	Tleugabulov, S.M., Tleugabulov, B.S., Abikov, S.B.
8	Energy-saving ferroalloy production	Print.	Steel in Translation (United Kingdom), 2017, Vol. 47, No. 10, P. 682–687. (translation version) ISSN 0967–0912. Scopus IF=0.58 Percentile – 30-th	S. M. Tleugabulov, E.B. Tazhiyev
2018 year				
9	Hydrochemical processing of sludge tailings for the enrichment of chromium-containing ores	Print.	Scientific journal Ore Enrichment № 6, 2018. t. Saint-Petersburg P. 27-32. ISSN 0202-3776, 49 Percentile (Scopus)	Kenzhaliev B.K., Abdulvaliev R.A., Gladyshev S.V. Dyusenova S.B.
10	Oxide powders production from iron chloride	Print.	CIS Iron and Steel Review. 2018(Vol. 15) - №1 – P. 28-32. ISSN 2072-0815 (SCOPUS), (IF-0,96) Cite Score 81 <i>Q1</i>	Motovilov I.Y., Luganov V.A., Mishra.B, Chepushtanova T.A.
11	Liquidus temperature of high-sulfur slags and solubility of copper oxide in the Cu ₂ O-FeO-CaO-SiO ₂ system	Print.	Non-ferrous metals (<i>Scopus</i>). –2018. – №9. – P. 29-34.	Fedorov A.N., Dosmukhamedov N.K., Zholdasbai E.E., Lukavy S.L.

12	Carburization and Decarburization in Iron and Steel Production	Print.	Steel in Translation (United Kingdom), 2018, Vol. 48, No. 11, P. 732–736. (translation version) Scopus (IF-0.56). Percentile – 30-th	S.M. Tleugabulov, M.B. Kurmanseytov Z.V. Eremeeva
2019 year				
13	Production of Very Fine, Spherical, Particles of Ferriferous Pigments from the Diatomaceous Raw Material of Kazakhstan	Print.	Glass and Ceramics (English translation of SteклоiKeramika) Volume 76, Issue 5-6, 1 September 2019, Pages 194-198 Cite Score22 IF – 0,51 Q3	Kenzhaliev, B.K., Kul'deev, E.I., Luganov, V.A., Bondarenko, I.V. Motovilov I. Y., Temirova, S.S.
14	Substantiation of Gravity Concentration to the Shalkiya Deposit Lead-Zinc Ore	Print.	<i>J Min Sci</i> 55 , 430–436 (2019).Cite Score34 IF – 0,59 Q3	Telkov, S.A.,Motovilov, I.Y., Barmenshinova, M.B. <i>et al.</i>
15	Examination of the preliminary gravity dressing influence on the Shalkiya deposit complex ore	Print.	Non-ferrous metals. 2019. #2, p. 3-8Cite Score52 IF – 0,72 Q2	Motovilov I. Y., Telkov Sh. A., Barmenshinova M. B., Nurmanova A. N.
16	Features of the formation of liquid phases and viscosity of the Cu ₂ O – FeO _x – SiO ₂ - CaO - Al ₂ O ₃ slag system saturated with copper oxide	Print.	Non-ferrous metals // – №1. –2019. – P. 19-25 (Scopus)	Fedorov A. N., Dosmukhamedov N. K., Zholdasbai E. E.
17	Distribution of Cu, Pb, Zn and As between the products of two-stage reduction depletion of high-sulfur slags	Print.	Non-ferrous metals. – 2019. – №7.-P. 30-35. (Scopus)	Dosmukhamedov N.K., Fedorov A.N., Zholdasbai E.E.
18	Steel Production from Metal-Bearing Tailings	Print.	Steel in Translation (United Kingdom), 2019, Vol. 49, No. 3, P. 217–221. (translation version) Scopus (IF-0.56). Percentile – 30-th	S.M. Tleugabulov, A.Kh. Nurumgaliev, G.M. Koishina, N.B. Aitkenov
2020 year				
19	Forms of oxygen presence in copper–lead matte. Journal of Materials Research and Technology	Print.	Volume 9, Issue 5 , September–October 2020, Pages 11826-11833. IF=5,289, Percentile – 68 %, Quartile – Q2.	N. Dosmukhamedov, A. Argyn, E. Zholdasbay, G. Moldabayeva
20	Overview of the state and prospects of development of vanadium production in the Republic of Kazakhstan	Print.	Metallurgist. – №1.– 2020. – P. 69-74. ISSN0026-0894. IF =0,395	Dzhumankulova S.K., Zhuchkov V.I., Alybaev Zh.A., Bekenova G.K.
21	Kinetics of roasting of copper and iron sulfides with soda in a vibratory boiling layer		Metalurgija, Vol. 59 No. 2, 2020. , p. 207-210 Hrvatsko Metalursko Društvo (HMD)	B. Baimbetov, A. Bekisheva, K. Aytenov, B. Abdikerim
22	Gravity enrichment of resistant gold-bearing ores	Print.	International Conference Essays of Mining Science and Practice Dnipro Ukraine April 22-24 2020. P.126-135 (Scopus) Quartile– Q3	Mels Shautenov Gulzhan Askarova, Kulzhamal Nogaeva
23	Flotation enrichment of resistant gold ores	Print.	International Conference Essays of Mining Science and Practice Dnipro UkraineApril 22-24 2020. P.135-144 (Scopus) Quartile– Q3	Mels Shautenov Gulzhan Askarova. Kulzhamal Nogaeva
24	Innovative technology of complex processing of ash from coal combustion	Print.	Coal. – 2020. – №1. – P. 58-63. (Scopus, Q-3, Percentile-30-th.)	Dosmukhamedov N.K.,

				Kaplan V.A., Daruesh G.S.
2021 year				
25	Effect of the water – air emulsion size of the foaming agent solution on the non-ferrous metal minerals flotation ability	Print.	METALURGIJA, Vol 60 No 3-4, (2021), 395-398 ISSN 0543-5846 METABK 60(3-4) 395-398 (2021) Hrvatsko Metalursko Drustvo/ Croatian Metallurgical Society Rating Percentile 60 SCOPUS (IF -1.4)	D. TURYSBEKOV, N. TUSSUPBAYEV, L. SEMUSHKINA, S. NARBEKOVA, ZH. KALDYBAEVA, A. MAMBETALIYEVA
26	Technology Production of Ore Coal Pellets from Converter-Coal Slag Mix and Reduction Smelting of Steel	Print.	Steel in Translation (United Kingdom), 2021, Vol. 51, No. 1, P. 65–67. (translation version) Scopus (IF-0.56). Percentile – 30-th	S.M. TLEUGABULOV, N.B. AITKENOV G.M. KOISHINA, E.B. TAZHIEV
27	Optimization of the combined beneficiation scheme and increase in the performance of highly efficient refractory gold-bearing ores under development	Print.	III International Conference Aerospace Advanced technologies in Aerospace Mechanical and Automation Engineering. 20-21 November 2020 Krasnoyarsk Russia. P.113-128 (Scopus) Quartile– Q3	Shautenov Mels Rakhimovich. Askarova Gulzhan Yermekovna. Nogaeva Kulzhamal Abdraimovna
28	Investigation of the process of sulfide-firing of gold-antimony concentrate	Print.	Journal of Chemical Technology and Metallurgy, 56, 5, 2021, 1051-1057. Percentile – 36 %, Quartile– Q3	Sh. Akilbekova, S. Myrzalievna, G. Moldabayeva, K. Mamyrbayeva, M. Turkmenbayeva
29	Isolation of iron into an iron-containing product from ash from the burning of Ekibastuz coals	Print.	Coal. – 2021. – №1. – P. 56-61. (Scopus, Q-3, Percentile-30-th.)	Dosmukhamedov N.K., Kaplan V.A., Zholdasbai E.E., Daruesh G.S., Argyn A.A.

List of security documents of the Republic of Kazakhstan

№	Name of works	Характер работы (рук. или Print. атн.)	Publisher's name (number, year, page)	Фамилия соавтора работ
2017 year				
1	Method of obtaining a silicophosphate sorption material	Print.	patent №32231 dated 14.07.2017 y.	Kubekova Sh.N. Kapralova V.I. Telkov Sh.A. Motovilov I.Yu.
2	Certificate of deposit of a strain of a microorganism	Print.	patent №B-ПКМ dated 10.08.2017 y.	Turysbekova G.S., Bektai E.K., Altynbek A.D.
3	A method for extracting gold from poor gold-containing technological products	Print.	patent dated 19.09.2017 y.	Usenov N.A., Turysbekova G.S., Bektai E.K., etc.
4	Method of obtaining a silicophosphate sorption material	Print.	patent №32231 dated 14.07.2017 y.	Kubekova Sh.N. Kapralova V.I. Telkov Sh.A. Motovilov I.Yu.
5	Flotation classifier	Print.	patent RK №33076 KZ Published 25.04.2017.	Kenzhaliev B.K., Morozov Yu.P., Bichurina E.A., Abdykirova G.J. Dyusenova S.B.
2019 year				
6	Method of complex processing of poor oxidized nickel ores to obtain iron oxide powders	Print.	Utility model patent №4572 dated 27.12.2019, бюл. №52	Luganov V.A. Motovilov I.Yu. Chepushtanova T.A. Huseynova G.D.
7	A method for processing poor chromite-containing ores	Print.	Patent RK №33465. Published 22.02.2019. Бюл. №8.	Gladyshev S.V., Omarova S.A., Kenzhaliev B.K., Abdulvaliev R.A., Mannapova A.I., Imangalieva L.M., Akhmadeeva N.K. Dyusenova S.B.
8	Method for obtaining chromite concentrate from poor chromite-containing ores	Print.	Patent RK №33583. Published 19.04.2019. Бюл. №16.	Kenzhaliev B.K., Abdulvaliev R.A., Gladyshev S.V., Omarova S.A., Mannapova A.I., Imangalieva L.M. Dyusenova S.B.
9	Method for obtaining chromite concentrate from poor chromite-containing ores	Print.	Patent RK №33630. Published 17.05.2019. Бюл. №20.	Kenzhaliev B.K., Abdulvaliev R.A., Gladyshev S.V., Omarova S.A., Mannapova A.I., Imangalieva L.M. Dyusenova S.B.
10	Method for obtaining silicon dioxide from silica-containing raw materials	Print.	Patent RK №33707. Published 21.06.2019. Бюл. №25.	Abdulvaliev R.A., Kenzhaliev B.K., Kuldeev E.I., Gladyshev S.V., Omarova S.A., Mannapova A.I., Imangalieva L.M. Dyusenova S.B.

11	A method for producing ferrochrome and ferromanganese with the possibility of regulating their composition	Print.	Patent RK for invention No. 33666. Announced 01.08.2017 y. Published 04.06.2019 y.	S.M. Tleugabulov E.B. Tazhiev
12	Roller shredder	Print.	Patent RK №33957 dated 16.10.2019 y.	Kenzhaliev B.K., Morozov Yu.P., Morozov V. V., Afanasyev A.I., Bikchurina E.A., Abdykirova G.Zh., Koizhanova A.K., Akkazina N.T.
13	Noise-proof outdoor blinds	Print.	Patent RK № 4108, published 01.03.2019 y.	Shevtsova V.A., Boshkaeva L.T., Akubaeva D.M., Nuryldaeva G.T.
2021 year				
14	A method for grinding hard-to-enrich quartered polymetallic ores using gravity enrichment	Print.	Utility model patent №6020 or 30.04.2021 y.	Sh.A. Telkov I.Yu. Motovilov M.B. Barmenshinova
15	Submersible tuyere for purging the melt	Print.	Patent KZ №35012 dated 27.08.2021 y.	Dosmukhamedov N.K., Zholdasbai E.E., Kurmanseitov M.B., Argyn A.A.

List of scientific papers indexed in the RSCI

№	Name of works	The nature of the work (hand. or print.)	Publisher's name (number, year, page)	Surname of the authors of the works
2019 year				
1	Thermodynamics of reducing depletion of Cu-Me-Fe-O-SiO ₂ (Me – Pb, Zn, As) system by natural gas	Print.	International Journal of Applied and Fundamental Research. –2019. – № 9. – P. 62-68. (RSCI) .	Dosmukhamedov N.K., Fedorov A.N., Zholdasbai E.E.
2	Degree of metallization of copper-lead matte	Print.	International Journal of Applied and Fundamental Research. – 2019. – № 1. – P. 9-17. RSCI	N.K. Dosmukhamedov, E.E. Zholdasbay, M.B.
2020 year				
3	Innovative technologies for processing tungsten-containing tailings of the Zhambyl processing plant.	Print.	Mining information and analytical bulletin. t. Ekaterinburg, Russia №3-1, 2020 y. P. 456-465 https://elibrary.ru/item.asp?id=42922945	A.S. Shevchenko, Yu.P. Morozov, M.R. Shautenov, I.H. Khamidullin,
4	Features of the behavior of ash components in conditions of chlorinating firing	Print.	International Journal of Applied and Fundamental Research. – 2020. – № 2. – P. 97-98. (RSCI, IF-0,58)	Dosmukhamedov N.K., Daruesh G.S., Zholdasbai E.E.
2021 year				
5	Behavior of NO _x during the purification of tailings gases of thermal power plants by carbonate melt of alkali metals	Print.	International Journal of Applied and Fundamental Research. – 2021. – № 1. – P. 30-35. (RSCI, IF-0,58)	Dosmukhamedov N.K., Egizekov M.G., Zholdasbai E.E., Kurmanseitov M.B., Argyn A.A.
6	Electrochemical reduction of CO ₂ to CO under conditions of lithium carbonate electrolysis at 900 °C	Print.	International Journal of Applied and Fundamental Research. – 2021. – № 3. – P. 59-66. (RSCI, IF-0,58)	Dosmukhamedov N.K., Kaplan V.A., Zholdasbai E.E.,

				Курманseitov M.B., Аргын А.А.
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List of publications at conferences for 2017-2021

№	Name of works	The nature of the work (hand. or print.)	Publisher's name (number, year, page)	Surname of the authors of the works
2017 year				
1	Research on gravitational enrichment of rare earth ore of weathering crust	Print.	Materials of the XXII International Scientific and Technical Conference "Scientific fundamentals and practice of processing ores and man-made raw materials". Russia, t. Ekaterinburg, april 19-20, 2017 y. 144-148 p.	Shautenov M.R., Dzhumageldiev M., Akkazina N.T.
2	Optimization of the operation of the flotation conversion based on potentiometry	Print.	Materials of the XXII International Scientific and Technical Conference "Scientific fundamentals and practice of processing ores and man-made raw materials". Russia, t. Ekaterinburg, april 19-20, 2017 y. 227-230 p.	Shautenov M.R., Bizhanova A.
3	Features of flotation enrichment of sulfide ore of the Primorsky deposit	Print.	Materials of the XXII International Scientific and Technical Conference "Scientific fundamentals and practice of processing ores and man-made raw materials". Russia, t. Ekaterinburg, april 19-20, 2017 y. 231-236 p.	Bizhanova A., Tusupbaev N.K., M.R. Shautenov,
4	Fast technology for estimating forecast areas to identify giant gold deposits.	Print.	XI Congress of enriching CIS countries, collection of materials, - M.: MISIS, 2017, 20-21 p.	Shautenov M.R., Peregudov V.V.
5	Technology of processing geological mineral and technological samples for gold in pictures	Print.	XI Congress of enriching CIS countries, collection of materials, - M.: MISIS, 2017, 122-124 p.	Shautenov M.R., Peregudov V.V.
6	Advanced technology for processing phosphate-containing quartz-glaucanite sands of the Seletinskoye and Izobilnoye deposits (Northern Kazakhstan)	Print.	XI Congress of enriching CIS countries, collection of materials, - M.: MISIS, 2017, 443-445 p.	Shautenov M.R., Peregudov V.V.
7	Recycling of gold-bearing above-ore rocks within terrigenous carboniferous formation	Print.	17th International Multidisciplinary Scientific GeoConference SGEM 2017, Vienna, Austria, 2017, 17(43), P. 179-188. ISSN:1314-2704 18 Percentile (Scopus) ИФ-0,3	Akhmetova, K.S., Kenzhaliyev, B.K., Efmov, S.A., Nechipurenko, S.V. Dusenova S.
8	Assessment of production of copper concentrate from technogenic raw materials	Print.	17th International Multidisciplinary Scientific GeoConference SGEM 2017, Vienna, Austria, 2017, 17(43), P. 19-26. ISSN:1314-2704 18 Percentile (Scopus) ИФ-0,3	Kenzhaliyev, B., Abdykirova, G., Sugurbekova, A., Ramazanova, Z. Dusenova S.B.
9	The study of beneficiation of manganese-containing raw materials	Print.	17th International Multidisciplinary Scientific GeoConference SGEM 2017, Vienna, Austria, 2017, 17(43), P. 197-204. ISSN:1314-2704 18 Percentile (Scopus) ИФ-0,3	Abdykirova G., Toilanbay G., Kuldeyev E. Dusenova S.B.
10	Obtaining copper industrial products from the tailings of an enrichment plant	Print.	Proceedings of the International Scientific and Practical Conference "Scientific foundations and practice of processing ores and man-made raw materials". - Yekaterinburg: GOU VPO "UGSU", April 19-20, 2017. P. 335-336. ISBN: 978-5-91128-154-0	Abdykirova G.Zh., Toylanbai G.A., Zakiev A.N. Dyusenova S.B.
11	Study of the process of gold leaching using an oxidation catalyst	Print.	Proceedings of the International Scientific and Practical Conference "Scientific foundations and practice of processing ores and man-made raw materials". -	Tusupbaev N.K.,

			Ekaterinburg: GOU VPO "UGSU", April 19-20, 2017. P. 310-314. ISBN: 978-5-91128-154-0	Kenzhaliev B.K. Dyusenova S.B.
12	Flotation of copper-containing technogenic raw materials with the use of two foamers	Print.	International Conference "Resource Conservation and Environmental Protection in the enrichment and processing of mineral raw materials" (Plaksin Readings - 2017) September 12-15, 2017, Krasnoyarsk, Russia. P. 360-363. ISBN: ISBN 978-5-7638-3734-6.	Abdykirova G.Zh., Toylanbay G.A., Sugurbekova A.K. Dyusenova S.B.
13	Investigation of the process of recovery of hard-to-recover metals by dissolved carbon	Print.	International scientific and practical conference "Scientific and personnel support of innovative development of mining and metallurgical complex". April 27-28, 2017, Almaty, Kazakhstan. 419-423 P.	S.M. Tleugabulov, G.M. Koishina
14	The use of ilmenite concentrate for the production of naturally alloyed steel	Print.	International Scientific and Practical Conference "SCIENCE AND INNOVATION IN THE XXI CENTURY: TOPICAL ISSUES, DISCOVERIES AND ACHIEVEMENTS": V. At 2 h. H. 1 - Penza: ICNS "Science and Education". August 5, 2017, 84-86 P. ISBN 978-5-906973-65-8, ISBN 978-5-906973-64-1	S.M. Tleugabulov, D.I. Ryzhonkov G.M. Koishina
15	Investigation of the process of recovery of hard-to-recover metals by dissolved carbon	Print.	International scientific and practical conference "Scientific and personnel support of innovative development of the mining and metallurgical complex". April 27-28, 2017, Almaty, Kazakhstan. 419-423 p., ISBN 978-601-323-036-8	S.M. Tleugabulov G.M. Koishina
16	3-D evaluation of inclusion in steel smelted from titanium-magnetite concentrate.	Print.	Collection of articles of the VII International Scientific and Practical Conference "Fundamental and applied scientific research: topical issues, achievements and innovations". November 15, 2017 y. - Penza. 102-107 P. ISBN: 978-5-907012-60-8	S.M. Tleugabulov, G.M. Koishina
17	Obtaining high-quality steel of reducing melting from metal-containing industrial tailings	Print.	SCIENCE AND INNOVATION IN THE XXI CENTURY: CURRENT ISSUES, DISCOVERIES AND ACHIEVEMENTS: V International Scientific and Practical Conference. At 2 p.m. 1 - Pumice stone: ICNS "Science and Education" - August 5, 2017, 87-89 P. ISBN 978-5-906973-65-8 Part 1, ISBN 978-5-906973-64-1	S.M. Tleugabulov, D.I. Ryzhonkov, E. B. Tazhiev
18	C-MeO (Me - Mo, W, V) heterogeneous systemsyn thermodynamics	Print.	Satpayev readings on the topic: "Scientific heritage of Shakhmardan Yesenov" April 12, 2017 Y., Almaty, Kazakhstan. P. 379-382.	S.M. Tleugabulov, M.B. Kurmansaytov, E.B. Tazhiev.
19	Investigation of the process of solid-phase reduction of hard-to-recover metals	Print.	XIV INTERNATIONAL SCIENTIFIC CONGRESS MACHINES. TECHNOLOGIES. MATERIALS: Year I, Issue 4(4), Vol. IV, Technologies. Varna, Bulgaria. 13-16.09.2017, P. 296-297. ISSN 2535-0021 (Print), ISSN 2535-003X (Online)	S.M. Tleugabulov. G.M. Koishina
2018 year				
20	Development of a combined technology for processing tungsten-containing tailings	Print.	The International scientific and practical conference "Effective technologies for the production of non-ferrous, rare and	Morozov Yu.P., Shevchenko A.S. M.R. Shautenov,

	from the enrichment of the former Zhambyl mine		precious metals", dedicated to the problems of metallurgical science and industry and the memory of the famous metallurgist, corresponding member of the Academy of Sciences of the Republic of Kazakhstan, laureate of the State Prize of the Republic of Kazakhstan Bulat Baltakaevich Beisembayev, Almaty, 2018, p. 66-69	
21	Selety teniz mega glauconite deposit	Print.	In the collection of materials of the XVII International Scientific and Practical Conference "Resource-reproducing, low-waste and environmental technologies of subsoil development", Aktau, September 17-20, 2018 y., p. 94-97	M.R. Shautenov, Peregudov V.V., Lebfromm L.K.
22	Glauconite is the export potential of Kazakhstan	Print.	In the collection of materials of the XVII International Scientific and Practical Conference "Resource-reproducing, low-waste and environmental technologies of subsurface development", Aktau, September 17-20, 2018 y., p. 97-98	M.R. Shautenov, Peregudov V.V.
23	Rare earths in lignite clays of the Arkalyk area (based on the analysis of archival and stock materials)	Print.	In the collection of materials of the XVII International Scientific and Practical Conference "Resource-reproducing, low-waste and environmental technologies of subsoil development", Aktau, September 17-20, 2018 y., p. 98-100	M.R. Shautenov, Peregudov V.V., Sliva V.A.,
24	To the methodology of the search and evaluation of gold deposits.	Print.	In the collection of materials of the XVII International Scientific and Practical Conference "Resource-reproducing, low-waste and environmental technologies of subsurface development", Aktau, September 17-20, 2018 y., p. 109-111	M.R. Shautenov, Peregudov V.V., Begalinov A.B.
25	On the technology of enrichment of ash and slag formations of Ekibastuz coals	Print.	In the collection of materials of the XVII International Scientific and Practical Conference "Resource-reproducing, low-waste and environmental technologies of subsoil development", Aktau, September 17-20, 2018 y., p. 113-115	M.R. Shautenov, Peregudov V.V., Begalinov A.B., Levin V.L., Zayakina S.B.
26	On the results of the study of gold sulfide ores (ore body No. 1) of the quartzite hills deposit (Northern Kazakhstan)	Print.	In the collection of materials of the XVII International Scientific and Practical Conference "Resource-reproducing, low-waste and environmental technologies of subsurface development", Aktau, September 17-20, 2018 y., p. 115-116,	M.R. Shautenov, Ermolov P.V., Peregudov V.V., Begalinov A.B., Zayakina S.B., Kalinin Yu.A., Levin V.L.
27	The influence of the ore preparation method on the indicators of heap leaching of gold	Print.	Materials of MNPC "Intensification of hydrometallurgical processes of processing of natural and man-made raw materials. Technologies and equipment" - St. Petersburg: Publishing House of SPbGTI (TU), 2018, p. 297-299	E.K. Esengaraev, E.S. Channels, L.S. Bolotova, B.S. Baimbetov, M.D. Akzharkenov
28	Effect of hydrogen peroxide on gold leaching	Print.	Materials of MNPC "Innovations in complex processing of mineral raw materials" - Almaty: GNPOPE "Kazmehanobr", 2018, p. 90-91	E.K. Yesengaraev, B.S. Baimbetov, E.S. Channels, L.S. Bolotova, M.D. Akzharkenov
29	Preparation of a mono-beam for obtaining ferroalloys from small tailings from enrichment of chromite and manganese ores of Kazakhstan	Print.	International Conference «Scientific research of the SCO countries: synergy and integration» (June 14-15, 2018.) Part 1: Participants reports in English – Beijing, China: Minzu University of China, 2018. – p. 244-250.	S.M. Tleugabulov, E.B. Tazhiyev

			ISBN 978-5-905695-70-4	
30	Technology of reducing melting of complex iron-manganese-chromium ore	Print.	International Scientific and Practical Conference "Integration of science, education and production - the basis for the implementation of the National Plan" (Saginovsky Readings No. 10). June 14-15, 2018 y., t. Karaganda. p. 252-253 ISBN 978-601-315-504-3	S.M. Tleugabulov, E.B. Tazhiyev
31	Theoretical foundations of restorative steel melting	Print.	SCIENCE - EDUCATION - PRODUCTION: Experience and prospects of development: Materials of the XIV International Scientific and Technical Conference. conf. (February 8-9, 2018 t.): in 2 t. T. 1 ; Ministry of Education and Science of the Russian Federation ; FSAOU VO "UrFU named after the first President of Russia P.N.Yeltsin", Nizhny Tagil. technol. in-t (phil.). - Nizhny Tagil: NTI (branch) UrFU, 2018. - P. 116-123. ISBN 978-5-9544-0088-5 (vol. 1) ISBN 978-5-9544-0087-8	S.M. Tleugabulov, E.B. Tazhiyev
32	The problem of processing Lisakovsky phosphorous iron ore raw materials.	Print.	International Scientific and Practical Conference "Effective technologies for the production of non-ferrous, rare and precious metals", September 27-29, 2018 y., t. Almaty, Kazakhstan, - p. 325-330	S.M. Tleugabulov, G.M. Koishina, E.B. Tazhiyev
33	The state and prospects of development of iron and steel metallurgy.	Print.	XIV-International Scientific and Technical Conference dedicated to the memory of E.T. Zudov. Science-education-production: experience and prospects of development. February 8-9, 2018, y. Nizhny Tagil, - p. 19-24.	S.M. Tleugabulov
34	Conversion of cast iron into thermochemical treatment steel	Print.	International scientific and practical conference "Integration of science, education and production - the basis for the implementation of the National Plan" (Saginovsky Readings No. 10). June 14-15, 2018 y., t. Karaganda - p. 174-175. ISBN 978-601-315-504-3	S.M. Tleugabulov, M.B. Kurmanseytov
35	Reduction melting of titanomagnetite concentrates	Print.	Actual problems of modern science, technology and education: abstracts of the 76th International Scientific and Technical Conference. Magnitogorsk: Publishing house Magnitogorsk. gor. tech. E.I. Nosov University, 2018. Vol.1.p. 147-148.	S.M. Tleugabulov, G.M. Koishina, G.I. Sultamurat
36	Prospects for the development of technology for processing dispersed metal-containing tailings	Print.	Actual problems of modern science, technology and education: abstracts of the 76th International Scientific and Technical Conference. Magnitogorsk: Publishing House Magnitogorsk. gor. tehn. university named after E.I. Nosov, 2018. p. 148-149.	S.M. Tleugabulov, G.M. Koishina, G.I. Sultamurat
37	Method of chemical activation of mineral raw materials	Digital	Proceedings of the XXIII International Scientific and Practical Conference "Scientific foundations and practice of processing ores and man-made raw materials". - Ekaterinburg, April 10-13, 2018 y., p. 314-316. ISBN: 978-5-91128-166-3	Kenzhaliev B.K., Abduvaliev R.A., Gladyshev S.V., Dyusenova S.B., Omarova S.A., Imangalieva L.M.
38	The study of the possibility of obtaining chromite containing concentration from tailings	Digital	Materials of International Practical Internet Conference "Challenges of Science" 22 November 2018, Almaty. – p. 262-265. doi.org/10.31643/2018.043	Dyussenova S.B., Abdulvaliyev Rinat, Abdykirova Gulnar

2019 year				
39	Carla is a technology for searching for gold deposits by gold.	Print.	In the collection of materials of the XII Congress of enriching CIS countries. MISIS. Moscow, February 25 – 27, 2019 y.	Peregudov V.V., Shautenov M.R., Begalinov A.A.
40	Trace minerals of gold mineralization in technological products	Print.	In the collection of materials of the XII Congress of enriching CIS countries. MISIS. Moscow, February 25 – 27, 2019 y.	Peregudov V.V., Shautenov M.R., Begalinov A., Levin V.L.
41	Prospects for the effective use of reagents based on sulfur compounds in the technology of gold extraction from resistant raw materials.	Print.	In the collection of materials of the XII Congress of enriching CIS countries. MISIS. Moscow, February 25 – 27, 2019 y.	Begalinov A., Medeuov C.K., Shautenov M.R., Almenov T.M.
42	Research on the extraction of useful components from ash and slag tailings.	Print.	Proceedings of the Satpayev readings innovative technologies are the key to the successful solution of fundamental and applied problems in the ore and oil and gas sectors of the economy of the Republic of Kazakhstan volume 1. KazNRTU, t. Almaty 2019 y. 787-791 p. https://official.satbayev.university.ru/materialy-satpaevskikh-chteniy	M.R. Shautenov, A.N. Nurmanova, A. Bakraeva
43	Innovative technology for processing tungsten-containing tailings of the Kara-Oba deposit	Print.	100 Materials of the XXIV International Scientific and Technical Conference. Scientific foundations and practice of processing ores and man-made raw materials 09-12 April 2019. Ekaterinburg. p. 61-63. https://elibrary.ru/item.asp?id=40462161	Shautenov M.R., Morozov Yu.P., Shevchenko A.S.
44	Research on the processing of stale tungsten-containing enrichment tailings	Print.	Proceedings of the International Scientific and Practical Conference "Rational use of mineral and man-made raw materials in the conditions of industry 4.0" March 14-15, 2019 y. Almaty. Kazntu, 2019. p. 370-374.	M.R. Shautenov, Yu.P. Morozov, N.T. Akkazina, G.E. Askarova.
45	Apparatus for modifying flotation reagents based on energy effects	Print.	Proceedings of the Satpayev readings innovative technologies are the key to the successful solution of fundamental and applied problems in the ore and oil and gas sectors of the economy of the Republic of Kazakhstan Volume 1. 2019 y., Almaty. 792-796 p.	M.R. Shautenov, A.N. Nurmanova
46	Enrichment of sulfide copper-molybdenum ore and getting collective copper-molybdenum concentrate..	Print.	Proceedings of the Satpayev readings innovative technologies are the key to the successful solution of fundamental and applied problems in the ore and oil and gas sectors of the economy of the Republic of Kazakhstan Volume 1. 2019 y., Almaty. p. 796-799	M. R. Shautenov, G. E. Askarova, K.R.Abdirassil
47	The effect of the slag composition on the loss of copper, lead during the smelting of copper-, lead-containing raw materials	Print.	Tr. of the International Scientific Conference "Science and Innovation - Modern Concepts", February 18, 2019 y., Moscow. - p. 139-154.	Zholdasbai E.E., Dosmukhamedov N.K.
48	Partitioning of Cu, Pb, Zn and As following high temperature treatment of smelter slag	Print.	IX International science conference " The latest research in modern science: experience, traditions and innovations " 20-21 June, 2019, Morrisville, North Caroline, USA. – p. 34-42	N. Dosmukhamedov, E. Zholdasbay, V.Kaplan
2020 year				
49	Research on gravitational enrichment of rare earth ore of weathering crust	Print.	Satpayev readings - 2020, april 12, 2020 KazNRTU named after K.I. Satpaev, p. 485-489	N.T. Akkazina, B.N. Kozhabai, M.R. Shautenov

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50	Research on the processing of tungsten-containing stale tailings.	Print.	Satpayev readings - 2020, april 12, 2020 KazNRTU named after K.I. Satpaev, p. 496-499. https://official.satbayev.university.ru/materialy-satpaevskikh-chteniy .	N.N. Abilasan, N.T. Akkazina, M.R. Shautenov
51	Research on the processing of ash and slag tailings to obtain enrichment products.	Print.	XXV International scientific and technical conference "Scientific foundations and practice of processing ores and man-made raw materials". Ekaterinburg, 07-10 april 2020. p. 124-128. http://www.ursmu.ru/source/umid/doc/itog/Tehno2020_3.pdf	Mambetalieva A.R., Akkazina N.T., Nurmanova A.N., Bakaeva A.N., Yeraliev A.A.
52	Study of the method of complex processing of solid chloride tailings of titanium-magnesium production	Print.	International conference "Satpayev Readings - 2020" - Almaty, - 2020	Boshkaeva L.T., Aldabergenova S.S., Urkimbai G., Isak S.K.
53	Analysis of the state of the titanium industry in Kazakhstan and identification of possible ways to solve its problem	Print.	International conference "Satpayev Readings - 2020" - Almaty, - 2020	Boshkaeva L.T., Isaak S.K., Myrzakulov M.K., Aldabergenova S.S.
54	Research on the use of ferroalloy slags in alumina production	Print.	International conference "Satpayev Readings - 2020" - Almaty, - 2020, p. 546-550	Moldabaeva G.Zh., Sauken T.Zh.
2021 year				
55	Study of the process of flotation enrichment of molybdenum from a collective concentrate	Print.	collection of articles of the III International Scientific and Technical Conference: in 3 vols.. Minsk, 2021 Publishing House: Belarusian State Technological University (Minsk) Pages: 135-138 MINSK SCIENTIFIC READINGS-2020 Minsk, December 03, 2020.	Amantaev D.T. Mambetalieva A.R.
56	Study of flotation enrichment of copper-gold ore from the «Koktaszhal» deposit	Print.	collection of articles of the III International Scientific and Technical Conference: in 3 vols.. Minsk, 2021 Publishing House: Belarusian State Technological University (Minsk) Pages: 138-140 MINSK SCIENTIFIC READINGS-2020 Minsk, December 03, 2020.	Begzhan A.B. Mambetalieva A.R.
57	Study of the influence of various flotation reagents of collectors on the enrichment of Bozshakol ore	Print.	collection of articles of the III International Scientific and Technical Conference: in 3 vols.. Minsk, 2021 Publishing House: Belarusian State Technological University (Minsk) Pages: 141-144 MINSK SCIENTIFIC READINGS-2020 Minsk, December 03, 2020.	Zainabitdinov M.D. Mambetalieva A.R.
58	The effect of foaming agents in the flotation of Bozshakol ore	Print.	Satpayev readings - 2021 "INNOVATIVE SOLUTIONS to TRADITIONAL PROBLEMS: ENGINEERING AND TECHNOLOGY" of Kazakhstan Journal Satpayev readings KazNRTU named after K.I.Satpayev of Kazakhstan 12.04.2021 y.	A.R. Mambetalieva, D.K. Turysbekov, M.D. Zainabitdinov, A.N. Taimasova

59	Investigation of flotation enrichment of copper-gold ore from the Koktaszhal deposit	Print.	Satpayev readings - 2021 "INNOVATIVE SOLUTIONS to TRADITIONAL PROBLEMS: ENGINEERING AND TECHNOLOGY" of Kazakhstan Journal Satpayev readings KazNRTU named after K.I.Satpayev of Kazakhstan 12.04.2021 y.	A.R. Mambetalieva, D.K. Turysbekov, A.B. Begzhanov
60	The effect of pulp refinement on the selective separation of useful components from tailings rock during the processing of finely interspersed ores	Print.	Satpayev readings - 2021 "INNOVATIVE SOLUTIONS to TRADITIONAL PROBLEMS: ENGINEERING AND TECHNOLOGY" of Kazakhstan Journal Satpayev readings KazNRTU named after K.I.Satpayev of Kazakhstan 12.04.2021 y.	A.R. Mambetalieva, D.K. Turysbekov, N.M. Mazhitov, Zh.Zh. Zhakupova
61	Improvement of copper-molybdenum ore flotation technology	Print.	Satpayev readings - 2021 "INNOVATIVE SOLUTIONS to TRADITIONAL PROBLEMS: ENGINEERING AND TECHNOLOGY" of Kazakhstan Journal Satpayev readings KazNRTU named after K.I.Satpayev of Kazakhstan 12.04.2021 y.	A.R. Mambetalieva, D.K. Turysbekov, D.T. Amantaev
62	Intensification of technological processes of processing of ores of the Aktogay deposit	Print.	Satpayev readings - 2021 "INNOVATIVE SOLUTIONS to TRADITIONAL PROBLEMS: ENGINEERING AND TECHNOLOGY" of Kazakhstan Journal Satpayev readings KazNRTU named after K.I.Satpayev of Kazakhstan 12.04.2021 y.	K.D. Myrzabekova A.R. Mambetalieva. N.T. Akkazina
63	Method of preparation of gibbsite kaolinite bauxite before enrichment	Digital	Proceedings of the Satpayev readings "SATPAYEV READINGS - 2021" Volume I, Section "Innovative technologies for implementation in the metallurgical industry of the Republic of Kazakhstan"	
64	Processing of ferrous sands of alumina production with the production of iron oxide pigments	Digital	Proceedings of the Satpayev readings "SATPAYEV READINGS - 2021" Volume I, Section "Innovative technologies for implementation in the metallurgical industry of the Republic of Kazakhstan", - Almaty, 2021 y., p. 1310-1314	
65	Investigation of the kinetics of lead cycle flotation of polymetallic ore		Satpayev readings 2021 - Almaty: KazNRTU named after K.I. Satpayev, 2021 y. - p. 872-876	Agibaeva D.N., Motovilov I.Yu., Li E.M.
66	Study of the material and granulometric composition of lead-zinc ore of the Shalkiya deposit		Satpayev readings 2021 - Almaty: KazNRTU named after K.I. Satpayev, 2021 y. - p. 879-883	Arstanova A.A., Telkov Sh. A., Motovilov I.Yu., Barmenshinova M.B.
67	Development of the technology of pre-enrichment of oxidized lead-zinc-barite ore of open-pit mining of the Zapadny quarry using gravity processes		Satpayev readings 2021 - Almaty: KazNRTU named after K.I. Satpayev, 2021 y. - p. 892-896	Bukpanov A.K., Telkov Sh.A., Motovilov I.Yu.
68	Investigation of the principal possibility of separation of gravity concentrates of ferromanganese ore from the «Keregetas» deposit using the magnetic separation process		Satpayev readings 2021 - Almaty: KazNRTU named after K.I. Satpayev, 2021 y. - p. 918-922	Voroshilov A.I., Motovilov I.Yu., Telkov Sh.A.
69	Research of the technology of gravitational enrichment of iron-containing ores		Satpayev readings 2021 - Almaty: KazNRTU named after K.I. Satpayev, 2021 y. - p. 993-997	Omar R.S., Telkov S.A., Motovilov I.Yu.
70	Extraction of gold-containing concentrate from polymetallic ore using a «Knelson» centrifugal concentrator		Satpayev readings 2021 - Almaty: KazNRTU named after K.I. Satpayev, 2021 y. - p. 1041-1045	Yangitilavova B.H., Motovilov I.Y., Li E.M.

71	Study of the material composition and physico-mechanical properties of the ore of the Koktaszhal deposit		Satpayev readings 2021 - Almaty: KazNRTU named after K.I. Satpayev, 2021 y. - p. 1049-1052	E. Zhanatuly, I.Yu. Motovilov
72	Kinetics of the formation of selenium and tellurium thiotuses	Print.	International Conference "Satpayev Readings - 2021" - Almaty, - 2021, p. 973-977	Moldabayeva G. Zh., Saulebekkyzy Sh., Taimasova A.N.
73	Processing of persistent gold-containing concentrates of Kazakhstan using the Albion technology	Print.	International Conference "Satpayev Readings - 2021" - Almaty, - 2021, p. 1045-1048	Moldabaeva G.Zh., Yusupova Zh.A.
74	Combined processing technology of tungsten-containing enrichment tailings.	Print.	International meeting "Plaksin readings - 2020" "Innovative processes of complex processing of natural and man-made mineral raw materials" p. 301-302	Shevchenko A.S., Morozov Yu.P., Shautenov M.R., Khamidullin I.H.
75	A new type of gold in pebble placer formations	Print.	XXVI National Scientific and Technical Conference "Scientific foundations and practice of processing ores and man-made raw materials" (100 years of the Department of Mineral Processing of UGSU) Ekaterinburg, Russia. May 26-27, 2021 y. p. 41-46.	V.V. Peregudov, Shautenov M.R., Begalinov A.B., Tretyakov A.V., Kurguzkin E.V.
76	Issues of gold content of coals and their combustion products	Print.	Satpayev readings - 2021, april 12, 2021 KazNRTU named after K.I.Satpayev	M.R. Shautenov, N.T. Akkazina, A.A. Eraliev, G.K. Kosher
77	Research on the processing of ash and slag tailings to obtain an iron-containing product	Print.	Satpayev readings - 2021, april 12, 2021 KazNRTU named after K.I.Satpayev	M.R. Shautenov, N.T. Akkazina, G.K. Kosher
78	Studies of the granulometric composition and distribution of rare earth elements in the rare earth ore of the Kundybai deposit	Print.	Satpayev readings - 2021, april 12, 2021 KazNRTU named after K.I.Satpayev	M.R. Shautenov, N.T. Akkazina, B.N. Kozhabai
79	Intensification of technological processes of processing of ores of the Aktogay deposit	Print.	Satpayev readings - 2021, april 12, 2021 KazNRTU named after K.I.Satpayev	Myrzabekova K.D., Mambetalieva A.R., Akkazina N.T.
80	Influence of the temperature regime of converter slag on the process of formation of copper and iron sulfide crystals	Print.	Satpayev readings - 2021, april 12, 2021 KazNRTU named after K.I.Satpayev	G.J. Abdykirova, T.M. Amangeldy, N.T. Akkazina
81	Analysis of well-known methods for processing vanadium quartzites of Ulken Karatau	Print.	International Conference "Satpayev Readings - 2021" - Almaty, - 2021 y.	Kali A.A., Abayeva D.M., Aidarkhanov D.A., Maratov S.K.
82	The concept of the technology of complex ash processing based on chlorinating firing	Print.	II International Scientific and Practical Conference "INTERNATIONAL SCIENTIFIC INNOVATIONS IN HUMAN LIFE", august 25-27, 2021, Manchester, UK. - p. 130-136	Zholdasbai E.E., Kurmanseitov M.B., Daruesh G.S., Argyn A.A., Dosmukhamedov N.K., Egizekov M.G.
83	To the complex technology of ash processing: Thermodynamics of chlorinating firing	Print.	III International Scientific and Practical Conference "MODERN SCIENTIFIC RESEARCH: ACHIEVEMENTS, INNOVATIONS AND DEVELOPMENT PROSPECTS", August 29-31, 2021 y., Berlin, Germany. - p. 94-102	Zholdasbai E.E., Daruesh G.S., Kurmanseitov M.B., Argyn A.A., Dosmukhamedov N.K.
84	Coal industry of Kazakhstan: ash and slag tailings from thermal power plants and prospects for their use	Print.	VII International Scientific and Practical Conference "RESULTS OF MODERN SCIENTIFIC RESEARCH AND DEVELOPMENT", september 19-21, 2021 y., Madrid, Spain. - p. 117-124	Zholdasbai E.E., Daruesh G.S., Kurmanseitov M.B., Argyn A.A.,

				Dosmukhamedov N.K.
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