

**List of scientific papers in international peer reviewed
scientific journals, included in Scopus and Web of Science databases
Ratov Boranbay Tovbasarovich**

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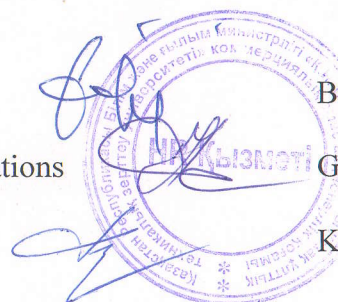
№	Publication title	Publication type	Journal name, year of publication, DOI	Journal Impact Factor, Quartile and Field of Science according to Journal Citation Reports for year of publication	Index in the Web of Science Core Collection	Journal CiteScore, percentile and field of science according to Scopus 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	Dependence of the drilling speed on the frictional forces on the cutters of the rock-cutting tool	Article	Naukovyi Visnyk NHU, 2019, https://doi.org/10.29202/nvngu/20191/22	-	-	CiteScore 1,5, percentile 55%, General Engineering	Biletsky M. T. Kozhevnykov A. A. <u>Ratov B. T.</u> Khomenko V. L.	Co-author
2	Some features of drilling technology with pdc bits	Article	Naukovyi Visnyk Natsionalnoho Hirnychoho Universytetu, 2020, https://doi.org/10.33271/nvngu/2020-3/013	-	-	CiteScore 1,9 Percentile 57%, General Engineering	<u>Ratov B.T.</u> , Fedorov B. V., Khomenko V.I., Baiboz A.R., Korgasbekov D. R.	First author

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3	Influence of CrB2 additive on the morphology, structure, microhardness and fracture resistance of diamond composites based on WC-Co matrix	Article	Materialia, 2022, https://doi.org/10.1016/j.mtla.2022.101546	-	ESCI	CiteScore 4,7 percentile 70%, General Materials Science	Ratov B.T., Mechnik V.A., Gevorkyan E.S., Matijosius J., Kolodnitskyi V.M., Chishkala V.A., Kuzin N.O., Siemiatkowski Z., Rucki M.	First author
4	Properties of Cutting Tool Composite Material Diamond-(Fe-Ni-Cu-Sn) Reinforced with Nano-VN	Article	Machines, 2022, https://doi.org/10.3390/machines10060410	IF-2.899, ENGINEERING, MECHANICAL, Q2	SCIE	CiteScore 3.1 Percentile 47%, Industrial and Manufacturing Engineering	Athanasios Mamalis, Vladimir Mechnik, Dmitrij Morozow, Boranbay Ratov, Vasyl Kolodnitskyi, Waldemar Samociuk, Nikolai Bondarenko.	Co-author
5	Modeling of drilling water supply wells with airlift reverse flush agent circulation	Article	Naukovyi Visnyk Natsionalnoho Hirnychoho Universytetu, 2023, 053-060 https://doi.org/10.33271/nvngu/2023-1/053	-	-	CiteScore 1,6 Percentile 41%, General Engineering	Biletskiy M.T., Ratov B.T., Sudakov A.K., Sudakova D.A., Borash B.R.	*Corresponding author

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6	Determining technological properties of drilling muds	Article	Naukovyi Visnyk Natsionalnoho Hirnychoho Universytetu, 2023, № 2. 25-32. https://doi.org/10.33271/nvngu/2023-2/025	-	-	CiteScore 1,6 percentile 41%, General Engineering	Koroviaka Ye. A., Mekshun M. R., Ihnatov A.O., <u>Ratov B.T.</u> , Tkachenko Ya. S., Stavychnyi Ye. M.	Co-author
7	Determination of basic calculation and experimental parameters of device for bore hole cleaning	Article	Mining of Mineral Deposits, 2016, http://dx.doi.org/10.15407/mining.10.03.052	-	ESCI	-	Davydenko O. <u>Ratov B.</u> Ighnatov A.	Co-author
8	Development of the model of petroleum well boreability with PDC bore bits for Uzen oil field (the Republic of Kazakhstan)	Article	Eastern-European Journal of Enterprise Technologies, 2017, DOI:10.15587/1729-4061.2017.99032	-	-	CiteScore 0.5 percentile 35%, Industrial and Manufacturing Engineering	Fedorov B., <u>Ratov B.</u> , Sharauova A.	Co-author
9	Research parameters of an ejector knot of device for coring from deep well	Article	News of the National Academy of Sciences of the Republic of Kazakhstan. Series of geology and technical sciences, / ISSN-2224-5278, 2017, Volume 3, Number 423, pp. 143-150, http://www.geological-technical.kz/images/pdf/g20173/143150.pdf	-	ESCI	CiteScore 0.0 percentile 6%, Geotechnical Engineering and Engineering Geology	<u>Ratov B. T.</u> Fedorov B. V. Sabirov B. F. Korgasbekov D. R.	First author

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10	Theoretical justification of an automatic device for drilling mud funnel viscosity measurement	Article	News of the national academy of sciences of the Republic of Kazakhstan, Series of geology and technical sciences // ISSN 2224-5278, 2017, Volume 4, Number 424, pp. 123-132, http://www.geolog-technical.kz/images/pdf/g20174/123132.pdf	-	ESCI	CiteScore 0.0 percentile 6%, Geotechnical Engineering and Engineering Geology	Biletskiy M. T., <u>Ratov B. T.</u> , Baiboz A. R.	Co-author
11	Model of purification of PDC bolts for walking wells on oil-gas field name	Article	News of the National Academy of Sciences of the Republic of Kazakhstan, Series of geology and technical sciences, ISSN 2224-5278, 2017, Volume 4, Number 424, pp. 170 – 176, http://www.geolog-technical.kz/images/pdf/g20174/170176.pdf	-	ESCI	CiteScore 0.0 percentile 6%, Geotechnical Engineering and Engineering Geology	Fedorov B. <u>Ratov B.</u> Sharauova A.	Co-author
12	Updating the theoretic model of rock destruction in the course of drilling.	Article	News of the National Academy of Sciences of the Republic of Kazakhstan, Series of geology and technical sciences, ISSN 2224-5278, 2018, Volume 2, Number 428, pp. 63 –71, http://www.geolog-technical.kz/images/pdf/g20182/63-71.pdf	-	ESCI	CiteScore 0.1 percentile 10%, Geotechnical Engineering and Engineering Geology	Biletsky M. T. <u>Ratov B. T.</u> Kozhevnykov A. A. Baiboz A. R. Delikesheva D. N.	Co-author

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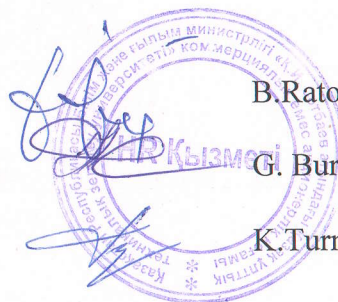
13	Theoretical bases of isolation technology for swallowing horizons using thermoplastic materials.	Article	News of the National Academy of Sciences of the Republic of Kazakhstan, Series of geology and technical sciences, ISSN 2224-5278, 2018, Volume 2, Number 428, pp. 72 – 80, http://www.geolog-technical.kz/images/pdf/g20182/72-80.pdf	-	ESCI	CiteScore percentile 4-10% 0.1	Sudakov A. Dreus A. <u>Ratov B.</u> Delikesheva D.	Co-author
14	Automatic mud density measurement device	Article	Mining Informational and Analytical Bulletin 2019, DOI: 10.25018/0236-1493-2019- 07-0	-	-	CiteScore percentile 18%, Industrial Manufacturing Engineering 0.2 and	Билецкий М. Т. Ратов Б. Т. Деликешева Д. Н.	Co-author
15	Development and improvement of design factors for PDC cutter bits	Article	Mining Informational and Analytical Bulletin, 2019, DOI: 10.25018/0236-1493-2019-11-0-73-80.	-	-	CiteScore percentile 18%, Industrial Manufacturing Engineering 0.2 and	<u>Ратов Б. Т.</u> Федоров Б. В. Omirzakova E. Zh . Korgasbekov D. R.	First author
16	The problem of drilling mud parameters continuous monitoring and its solution at the example of automatic measurement of its density	Article	News of the National academy of sciences of the republic of Kazakhstan series of geology and technical sciences, 2019, https://doi.org/10.32014/2019.2518-170X.154	-	ESCI	CiteScore percentile 26%, Geotechnical Engineering and Engineering Geology 0.8	Biletsky M. Nifontov Iu. <u>Ratov B.</u> Delikesheva D.	Co-author

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17	Substantiation of thermomechanical technology parameters of absorbing levels isolation of the boreholes	Article	News of the national Academy of sciences of the republic of Kazakhstan series of geology and technical Sciences, 2020, https://doi.org/10.32014/2020.2518-170X.32	-	ESCI	CiteScore 1,5 percentile 37%, Geotechnical Engineering and Engineering Geology	Sudakov A., Dreus A., Ratov B., Sudakova O., Khomenko O., Dziuba S., Sudakova D., Muratova S., Ayazbay M.	Co-author
18	Structure and Properties of WC-Co Composites with Different CrB2 Concentrations, Sintered by Vacuum Hot Pressing, for Drill Bits	Article	Journal of Superhard Materials, 2021, DOI: 10.3103/s1063457621050051	IF- 0.903, Materials Science, Multidisciplinary, Q4	SCIE	CiteScore 1,3 percentile 25%, General Materials Science	Ratov B. T., Bondarenko M. O., Mechnik V. A., Strelchuk V. V., Prikhna T. A., Kolodnitskyi V. M., Nikolenko A. S., Lytvyn P. M., Danylenko I. M., Moshchil V. E., Gevorkyan E. S., Kosminov A. S., Borash A. R	First author
19	Effect of Vanadium Nitride Additive on the Structure and Strength Characteristics of Diamond-Containing Composites Based on the Fe-Cu-Ni-Sn Matrix, Formed by Cold Pressing	Article	Journal of Superhard Materials, 2021, https://doi.org/10.3103/S1063457621060095	IF- 0.903, Materials Science, Multidisciplinary, Q4	SCIE	CiteScore 1,3 percentile 25%, General Materials Science	Ratov B.T., Mechnik V.A., Bondarenko M.O., Kolodnitskyi V.M., Kuzin N.O., Gevorkyan E.S., Chishkala V.A.	First author

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	Followed by Vacuum Hot Pressing.							
20	Phase Formation and Physicomechanical Properties of WC-Co-CrB ₂ Composites Sintered by Vacuum Hot Pressing for Drill Tools	Article	Journal of Superhard Materials, 2022, https://doi.org/10.3103/s1063457622010075	IF- 0.903, Materials Science, Multidisciplinary , Q4	SCIE	CiteScore 1,3 percentile 25%, General Materials Science	Ratov B. T., Mechnik V. A., Bondarenko N. A., Strelchuk V. V., Prikhna T. A., Kolodnitskyi V. M., Nikolenko A. S., Lytvyn P. M., Danylenko I. M., Moshchil V. E., Gevorkyan E. S., Chishkala V. A., Kosminov A. S., Shukmanova A. A.	First author
21	A study of the structure and strength properties of the WC-Co drill insert with different CrB ₂ content sintered by vacuum hot pressing	Article	SOCAR Proceedings, 2022, https://doi.org/10.5510/OGP20220100626	-	-	CiteScore 1,7 percentile 39%, Geotechnical Engineering and Engineering Geology	Ratov B.T., Bondarenko N.A., Mechnik V.A., Strelchuk, Prikhna T.A., Kolodnitsky V.M., Nikolenko V.V.A.S., Lytvyn P.M., Danylenko I.M.,	First author

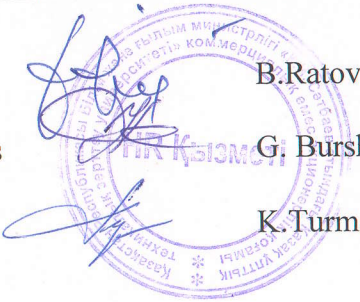
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							Moshchisl V.E., Borash B.R., Muzaparova A.B.	
22	Physical and Mechanical Properties of Composite Diamond-Containing Materials Based on Fe-Cu-Ni-Sn-VN Matrices Sintered by Vacuum Hot Pressing	Article	Journal of Superhard Materials, 2022, https://doi.org/10.3103/S1063457622020071	IF- 0.903, Materials Science, Multidisciplinary, Q4	SCIE	CiteScore percentile 1,3 25%, General Materials Science	Ratov B.T., Mechnik V. A., Bondarenko N. A., Kolodnitskyi V. M., Gevorkyan E.S.	First author
23	Drilling tools with compound cutting structure for hydrological and geotechnical drilling	Article	Mining Informational and Analytical Bulletin, 2022, https://doi.org/10.25018/0236_1493_2022_9_0_42	-	-	CiteScore percentile 1,0 27%, Industrial and Manufacturing Engineering	Ratov, B.T., Fedorov, B.V., Kuttybaev, A.E., Sarbopeeveva, M.D., Borash, B.R.	First author
24	Increasing the mangystau peninsula underground water reserves utilization coefficient by establishing the most effective method of drilling water supply wells	Article	News of the National Academy of Sciences of the Republic of Kazakhstan Series of geology and technical sciences, 2022, https://doi.org/10.32014/2518-170X_2022_5_455_51-62	-	ESCI	CiteScore percentile 1,0 43%, Geotechnical Engineering and Engineering Geology	Biletskiy, M.T. Ratov, B.T. Khomenko, V.L. Borash, B.R. Borash A.R.	Co-author
25	Physical and Mechanical Properties of WC-Co-CrB ₂ Matrices of Composite Diamond-Containing Materials Sintered by Vacuum Hot	Article	Journal of Superhard Materials, 2022, https://doi.org/10.3103/S1063457622040086	IF- 0.903, Materials Science, Multidisciplinary, Q4	SCIE	CiteScore percentile 1,3 25%, General Materials Science	Ratov B.T., Mechnik V.A., Mechnik V.A., Bondarenko M.O., Kolodnitskyi V.M.	First author

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	Pressing for Drilling Tool Applications							
26	Structure of C _{diamond} -(WC-6Co)-ZrO ₂ Composites Formed by Electrical Plasma Spark Sintering	Article	Journal of Superhard Materials, 2022, https://doi.org/10.3103/S1063457622050057	IF- 0.903, Materials Science, Multidisciplinary, Q4	SCIE	CiteScore percentile General Science 1,3 25%, Materials	Mechnik V.A., Rucki, Miroslaw, Ratov B.T., Bondarenko N.A., Gevorkyan E.S., Kolodnitskyi V.M., Chishkala V.A., Morozova O.M., Kulich V.G.	Co-author
27	Combined Effect of CrB ₂ Micropowder and VN Nanopowder on the Strength and Wear Resistance of Fe-Cu-Ni-Sn Matrix Diamond Composites	Article	Advances in Science and Technology Research Journal, 2023, 17(1), pp.23-34 https://doi.org/10.12913/22998624/157394		SCIE	CiteScore percentile General Science 1,3 25%, Materials	Ratov B., Mechnik V., Rucki M., Gevorkyan E., Kilikevicius A., Kolodnitskyi V., Siemiatkowski Z., Umirova G., Chalko L., Jozwik J., Zhanggirkhanova A., Chishkala V., Korostyshevskyi D.	First author

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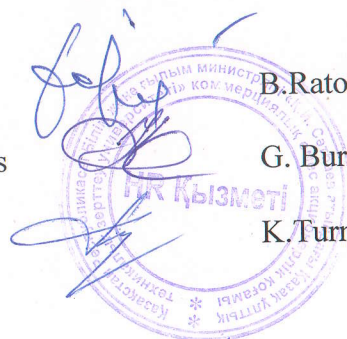
28	Calculations on Enhancement of Polycrystalline Diamond Bits through Addition of Superhard Diamond-Reinforced Elements.	Article	Machines 2023, 11(4), №453, https://doi.org/10.3390/machines11040453	(2021) IF 2.899 Q2	SCIE	CiteScore 2.1 Industrial and Manufacturing Engineering - 47% percentile	Ratov, B. Rucki, M. Fedorov, B. Hevorkian, E. Siemiatkowski, Z. Muratova, S. Omirzakova, E. Kuttybayev, A. Mechnik, V. Bondarenko, N.	First author
29	C _{diamond} -(WC-Co)-ZrO ₂ Composite Materials with Improved Mechanical and Adhesive Properties.	Article	Journal of Superhard Materials, 2023, Vol. 45, No. 2, pp. 25–43. https://doi.org/10.3103/S1063457623020107	IF- 0.903, Materials Science, Multidisciplinary, Q4	SCIE	CiteScore percentile 1,3 25%, General Materials Science	Ratov B. T., Mechnik V. A., Mirosław Rucki, Gevorkyan E. S., Bondarenko N. A., Kolodnitskyi, V. M. Chishkala V. A., Kudaikulova G. A., Muzaparova A. B., Korostyshevskyi D. L.	First author

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List of scientific Proceedings
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№	Title	Nature of the edition	Output data	Number of pages	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	Разработка гидроударника двойного назначения (статья)	Printed	Journal «Industry of Kazakhstan», 2010, 3(60) C.52-53, ISSN 1608-8425	2	Rakishev B.R.
2	Развитие научных основ расчета рабочего цикла пневматического насоса вытеснения (статья)	Printed	Geology and protection of mineral resources, «КазГЕО», 1(50), 2014, C.77-82, ISSN/ISBN 2114-4282	5	Filimonenko N.T.
3	Об автоматизации замеров параметров бурового раствора (статья)	Printed	Geology and protection of mineral resources, «КазГЕО», 2(51), C.64-68, ISSN 2414-4282	5	Biletsky M.T. Kasenov A.K. Sushko S.M.
4	Классификация подач жидкости насосами объемного типа (статья)	Printed	Bulletin of KazNTU, №6 (106), 2014, C.143-149, ISSN 1680-9211.	7	Filimonenko N.T. Kozhevnikov A.A.
5	Новое в технологии оборудования гидрогеологических скважин гравийными фильтрами (статья)	Printed	Mountain Journal of Kazakhstan, № 1 (117), 2015, C.10-14. ISSN 2227-4766	5	Kozhevnikov A.A. Sudakov A.K. Kamyshatsky A.F. Utepov Z.G.
6	Совершенствование снарядов для отбора керн из нефтегазовых скважин (статья)	Printed	Journal Oil and Gas, №2 (86), 2015, C:77-83., ISSN 1562-2932	7	Fedorov B.V. Sabirov B.F.

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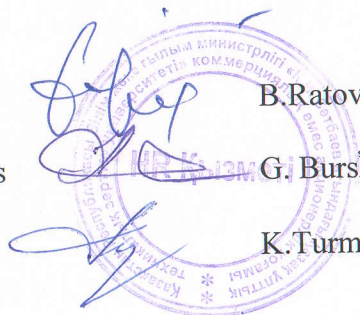
7	Напряженные состояния сварных соединений УБТ с приварными резьбовыми концами (статья)	Printed	Bulletin of KazNTU, №6 (112), 2015, стр. 315-320, ISSN 1680- 9211	6	Kuntsyak Ya.V. Chernova M.E. Nusipbekova G.T. Izzhanov E.K.
8	Результаты исследований по совершенствованию рецептур ингибирующих буровых растворов (статья)	Printed	Kazakhstan Science News, № 3 (125), 2015, C.36-51, ISSN 1560-5655	16	Biletsky M.T. Kasenov A.K. Zhanabaev T.A. Uteпов Z.G.
9	Гравийные фильтры буровых скважин со съёмным защитным кожухом (статья)	Printed	Journal «Industry of Kazakhstan» № 6 (93), 2015, C. 83-85, ISSN 1608-8425	3	Sudakov A. K. Kozhevnikov A. A. Korgasbekov D. R. Uteпов Z. G.
10	Классификация способов создания осевой нагрузки на породоразрушающий инструмент при бурении скважин (статья)	Printed	Mountain Journal of Kazakhstan, № 1 (129), 2016, C. 23-29. ISSN 2227-4766	7	Kozhevnikov A.A. Kuzin Y.L. Uteпов Z.G. Baiboz A.R.
11	Агрегат для цементирования неглубоких буровых скважин (статья)	Printed	Journal Нефть и газ, №1 (91), 2016 г., C. 91-98. ISSN 1562-2932	8	Kozhevnikov A.A. Sudakov A.K.
12	К вопросу о необходимости обработки кавернозных зон скважин (статья)	Printed	Bulletin of KazNITU, №2 (114), 2016, стр. 139-147, ISSN 1680-9211	9	Davidenko A.N. Ignatov A.A. Tulepbergenov A.T.
13	Самозаклинивание керна при его отборе из глубоких скважин (статья)	Printed	Mountain Journal of Kazakhstan, № 5 (133), 2016 г., C. 14-17, ISSN 2227-4766	4	Fedorov B.V. Sabirov B.F. Uteпов Z.G.

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14	Двойные колонковые трубы для отбора керна при бурении разведочных скважин (статья)	Printed	Journal Oil and Gas, №4 (94), 2016г., С.31-41, ISSN 1562-2932	11	Potashinsky I. M. Biletsky M.T. Onishchin V.P. Sabirov B.F.
15	Изучение свойств глинисто-шламовых скоплений применительно к работе устройства по очистке каверн (статья)	Printed	Geology and protection of mineral resources, № 2 (59), 2016, С. 41 – 47, ISSN 2414 – 4282	7	Davidenko A.N. Ignatov A.A Korgasbekov D.R. Idrisov A.B.
16	Определение температурных режимов алмазной буровой коронки при прерывистой промывке (статья)	Printed	Geology and protection of mineral resources №3 (60) 2016 С. 64 - 68. ISSN 2414 – 4282	5	Kozhevnikov A. A. Dreus A. Yu . Utepov Z. G. Baiboz A.R.
17	Сравнительный анализ эффективности 1D и 3D математических моделей для исследования температурных режимов алмазной коронки (статья)	Printed	Mountain Journal of Kazakhstan, № 08 (136), 2016г С. 39-43. ISSN 2227-4766	5	Kozhevnikov A. A. Dreus A. Yu . Lysenko E.E. Tulepbergenov A.T.
18	Параметры устройства для вибрационной разглинizations продуктивных пластов (статья)	Printed	Mining Magazine of Kazakhstan № 10, 2016, С. 20-22. ISSN 2227-4766	3	Fedorov B.V. Korgasbekov D.R. Utepov Z.G.
19	Күрделі геологиялық жағдайларда ұңғыларды бұрғылауға жаңа полимерлі қоспаларды талдау (статья)	Printed	Journal «Industry of Kazakhstan», № 3 (96), 2016, С: 56-60, ISSN 1608-8425	5	Nifontov Yu. A. Zhanabaev T.A. Utepov Z.G.
20	О силовом взаимодействии потока жидкости с содержимым каверн при работе устройства по очистке ствола скважины (статья)	Printed	Kazakhstan Science News, №2 (128) 2016, С. 133 -145, ISSN 1560-5655	13	Davidenko A.N. Ignatov A.A. Tulepbergenov A.T

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21	Необходимость обработки кавернозных зон скважин (статья)	Printed	Journal «Industry of Kazakhstan», № 03 (96), 2016, C: 63-68, ISSN 1608 -8425	6	Davidenko A. N. Ignatov A. A. Utepov Z. G. Abugaliev T.M.
22	Моделирование процесса углубления скважины долотами PDC (статья)	Printed	Journal Oil and Gas, №4 (100), 2017, C. 77-85, ISSN 1562-2932	9	Fedorov B.V. Khuzina L.B. Sharauova A.B.
23	100 Лет истории развития подземных хранилищ газа: обзор газотранспортных систем Казахстана и Украины (статья)	Printed	Mountain Journal of Kazakhstan, № 6, 2017 , C. 48-52, ISSN 2227-4766	5	Kozhevnikov A.A. Utepov Z.G. Sudakov A.K..
24	Прогнозирование показателей бурения долотами PDC с использованием математической модели бурового процесса (статья)	Printed	Mountain Journal of Kazakhstan, № 10, 2017, C. 36-41. ISSN 2227-4766	6	Fedorov B.V. Sharauova A.B.
25	Классификация бурового твердосплавного инструмента (статья)	Printed	Mountain Journal of Kazakhstan, № 11, 2017, C. 31-39. ISSN 2227-4766	9	Khomenko V.L. Baiboz A.R. Delikesheva D.N.
26	Результаты бурения с импульсной осевой нагрузкой (статья)	Printed	Industry of Kazakhstan, № 1, 2017, C. 75-77. ISSN 1608-8425	3	Kozhevnikov A.A. Tulepbergenov A.T. Nurgalimova A. Elemen N.
27	Результаты производственных испытаний устройства для освоения продуктивных пластов (статья)	Printed	Bulletin of KazNITU, № 6 (124), 2017г., C: 82-86, ISSN 1680-9211	5	Fedorov B.V. Korgasbekov D.R. Utepov Z.G.

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28	Анализ конструктивных схем буровой твердосплавной коронки нового поколения (статья)	electronic	Mountain Journal of Kazakhstan, № 2, 2018, С. 34-37. (ISSN 2227-4766) г. Almaty	4	Kozhevnikov A.A. Tulepbergenov A.T. Baiboz A.R.
29	Использование компьютерных пользовательских программ для анализа теоретических моделей разрушения горных пород при бурении (статья)	electronic	Kazakhstan Science News Scientific and Technical Journal №3 2018г. С: 80 - 93. (ISSN 1560-5655) г. Almaty	14	Biletsky M.T. Muratova S.K. Baiboz A.R.
30	Долото типа пикобур и научное обоснование его параметров (статья)	electronic	Mining Magazine of Kazakhstan № 11 2018 С: 39-43. (ISSN 2227-4766) г. Almaty	5	Fedorov B.V. Аубакиров М.Т. Korgasbekov D.R.
31	Исследование и разработка устройства для автоматического мониторинга содержания шлама в восходящем потоке бурового раствора (статья)	electronic	Journal Oil and gas №2 (110) 2019г. С: 89-99. (ISSN 1562-2932). г. Almaty	10	Biletsky M.T. Syzdykov A.H. Delikesheva D.N.
32	Совершенствование технологии и техники бурения резцовыми инструментами (статья)	electronic	Journal Oil and gas №3 (111) 2019г. С: 67-75. (ISSN 1562-2932). г. Almaty	9	Fedorov B.V. Nadirov K.S. Korgasbekov D.R. Baiboz A.R.
33	Определение скважности фильтра буровых скважин с водоприемной поверхностью из проволоочной обмотки (статья)	electronic	Mining Magazine of Kazakhstan № 9 (173) 2019г. С: 11-14. (ISSN 2227-4766) г. Almaty	4	Kozhevnikov A.A. Muzapparova A.B. Naumenko N.A.
34	Затраты мощности на разрушение забоя скважины пикообразными лопастными долотами традиционной конструкции (статья)	electronic	Mining Magazine of Kazakhstan № 6 (182) 2020г. С: 44-48. (ISSN 2227-4766) г. Almaty	5	Fedorov B.V., Козбакарова С.М., Makhitova Z. Sh.

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35	Современные конструкции алмазных коронок для бурения скважин (статья)	electronic	Journal Oil and gas №2 (128) 2022г. C: 92-102. (ISSN 1562-2932//2708-0080). DOI: 10.37878/2708-0080/2022-2.08	13	Fedorov B.V., Isonkin A.M., Zakenov S.T., Borash B.R.
36	Научные основы создания алмазных буровых инструментов кольцевого типа (статья)	electronic	Journal Oil and gas №4 (130) 2022г. C: 58-73, ISSN 1562-2932//2708-0080, https://doi.org/10.37878/2708-0080/2022-4.04	16	Fedorov B.V., Kuttybaev A.E., Koibakova S.E., Borash A.R.
37	Разработка устройства подачи воздуха для бурения скважин с обратной промывкой с использованием Эрлифта (статья)	electronic	Journal Oil and gas №6 (132) 2022г. C: 33-47. (ISSN 1562-2932//2708-0080). DOI: 10.37878/2708-0080/2022-6.03	15	Biletsky M.T. Khomenko V.L. Korovyaka E.A. Sabirov B.F. Borash B.R.
38	Разработка нового устройства для осуществления имплозионного метода освоения скважин	Printed and electronic	Oil and gas 2023 1(133). C.29-42. https://doi.org/10.37878/2708-0080/2023-1.03	0.8	Biletsky M.T. Borash A.R. Muratova S.K.
39	Совершенствование технологии бурения водозаборных скважин большого диаметра	Printed and electronic	Mining Magazine of Kazakhstan № 2 (214) 2023г. C: 29-35. (ISSN 2227-4766). https://doi.org/10.48498/minmag.2023.214.2.003	0.5	Biletsky M.T. Khomenko V.L. Borash B.R.
40	Өндіруші ұңғымалардың түпмаңы қысымының оңтайлы шамасын негіздеу	Printed and electronic	Mining Magazine of Kazakhstan № 3 (215) 2023г. C: 18-25. (ISSN 2227-4766) https://doi.org/10.48498/minmag.2023.215.3.003	0.6	Zakenov S.T. Nurshakhanova L.K. Zhanggirkhanova A.A.
Patents					
41	Гидравлическое устройство для вибрационной разглинизации продуктивных пластов с фильтрами малого диаметра	Printed	Innovac. Pat. RK. Beul. № 2. from 15.02.2010. № 22298, (№ 63380)		Israilov K.S. Tavasarov K.D. Akhnurov M.A.

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42	Пневматическое устройство для вибрационной разглинизации продуктивных пластов в скважинах большого диаметра	Printed	Innovac. Pat. RK. Beul. № 2. from 15.02.2010. № 22298, (№ 63384)	Israilov K.S. Товасаров И.Д. Tavasarov K.D. Akhnurov M.A.
43	Турбобур	Printed	Innovac. Pat. RK. Beul. № 10. from 17.10.2011. № 24714, (№ 70527)	Israilov K.S. Otebaev M. Akzholov A.K. Tulepbergenov A. Korgasbekov D.R.
44	Гидравлическое устройство для вибрационной разглинизации флюидосодержащих скважин	Printed	Innovac. Pat. RK. Beul. № 4. from 16.04.2012. № 25676, (№ 73568)	Fedorov B.V. Zhanabaev T.A. Товасаров И.Д. Сепбаев Д.А. Otebaev M.
45	Шарошечное долото	Printed	Innovac. Pat. RK. Beul. № 12. from 25.12.2013. № 25925, (№ 81255)	Fedorov B.V. Жумагалиев С.С. Бимендин А.К. Стабалиев Т.
46	Комбинированный буровой инструмент	Printed	Innovac. Pat. RK. Beul. № 2. from 16.02.2015. № 29533, (№ 86724)	Fedorov B.V. Мамедова А.С. Бимендин К.К.
47	Гравийный фильтр	Printed	Innovac. Pat. RK. Beul. № 12. from 25.12.2015. № 30818, (№ 914114)	Kozhevnikov A.A. Sudakov A.K.. Utepov Z.G.
48	Буровой снаряд для отбора керна из нефтегазовых скважин	Printed	Innovac. Pat. RK. Beul. № 3. from 15.03.2016. № 30969, (№ 91878)	Sabirov B.F. Fedorov B.V. Korgasbekov D.R. Ниязов Т.А.

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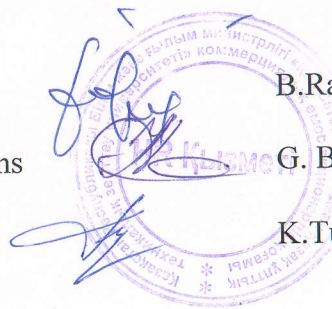
49	Гравийный фильтр	Printed	Innovac. Pat. RK. Beul. № 9. from 15.08.2016. № 31416, (№ 93953)	Kozhevnikov A.A. Sudakov A.K.. Utepov Z.G. Korgasbekov D.R. Tulepbergenov A.T.
50	Муфта бурильных труб	Printed	Innovac. Pat. RK. Beul. № 16. from 31.08.2017. № 32345, (№ 99201)	Besimbayev E.T.. Latypov A.S. Latypova Yu.A. Igisinov N.Zh.
51	Устройство для декольматации фильтров и продуктивных пластов в нефтяных скважинах	Printed	Innovac. Pat. RK. Beul. № 19. from 16.10.2017 № 32430, (№ 99790)	Fedorov B.V. Kabdushev A.A. Korgasbekov D.R. Utepov Z.G.
52	Буровая коронка	Printed	Pat. RK. Drilling crown / (11) No. 32712; publ. 19.03.2018, Bul. No. 11	Kozhevnikov A.A. Baiboz A.R. Khomenko V.L. Utepov Z.G. Tulepbergenov A.T. Korgasbekov D.R.
53	Буровая долото типа пикобур	Printed	Pat. RK. Picobur type drill bit No. 33077; publ. 10.09.2018, Bul. No. 34	Biletsky M.T. Baiboz A.R.
54	Буровая коронка	Printed	Pat. RK No. 33178; publ. 22.10.2018, Bul. No. 39	Biletsky M.T. Baiboz A.R.
55	Буровой инструмент	Printed	Pat. RK. No. 34527; publ. 27.11.2020, Bul. No. 47	Fedorov B.V., Korgasbekov D.R., Tokanov D.E., Suleymanov K.B.

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56	Способ измерения пластической вязкости и динамического напряжения сдвига буровых растворов	Printed	Pat. RK. No. 34539; publ. 28.08.2020, Bul. No. 34	Biletsky M.T., Delikesheva D.N.
57	Способ анализа частиц шлама, выносимых буровым раствором	Printed	Pat. RK. No. 34540; publ. 28.08.2020, Bul. No. 34	Biletsky M.T., Delikesheva D.N.
58	Лопастное пикообразное долото	Printed	Pat. RK. No. 34811; publ. 04/16/2021, Bul. No. 34	Fedorov B.V., Kosminov S.G.
59	Способ для автоматического мониторинга пластической вязкости и динамического напряжения сдвига бурового раствора и устройство для его осуществления	Printed	Pat. RK. No. 35036; publ. 30.04.2021, Bul. No. 17	Biletsky M.T., Delikesheva D.N.
60	Способ применения композиционного алмазосодержащего материала	Printed	Patent UA (Ukraine) u 2021 00241, (22) filing date 22.01.2021, (24) 15.07.2021, published 14.07.2021, Bul.No. 28. UA 148162 U	Swordsman V.A., Bondarenko N.A., Kosminov A.S., Syzdykov A.H., Borash B.R., Isonkin A.M..
61	Алмазная буровая коронка	Printed	Pat. RK. No. 35548; publ. 01.07.2022, Bul. No. 10	Syzdykov A.H., Fedorov B.V., Ruslyakova- Kupriyanova I.A., Kosminov A.S., Kudaikulova G.A.
62	Комбинированный буровой лопастной инструмент	Printed	Pat. RK. No. 35606; publ. 15.04.2022, Bul. No. 15	Fedorov B. V.Ruslyakova- Kupriyanova I.A.,

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					Borash A.R., Borash B.R.
63	Устройство подачи воздуха для бурения скважин с обратной промывкой с использованием Эрлифта	Printed	Pat. RK. No. 35842; publ. 30.09.2022, Bul. No. 39		Borash B.R., Borash A.R.
International research and practical conferences					
64	Technical and technological means for vibration completion of pay zones while constucting wells	Printed	14th SGEM GeoConference on Science and Technologies In Geology, Exploration and Mining, www.sgem.org, SGEM 2014 Conference Proceedings, ISBN 978-619-7105-07-0 / ISSN 1314-2704, June 19-25, 2014, Vol. 1, pp. 771-776	6	Fedorov B. V. Zhanabayev T. A.
65	Использование высокочастотных колебаний при освоении и ремонте геотехнологических скважин.	Printed	Mining Information and Analytical Bulletin (Mining in the XXI century: Technology, science, education – 1) Special issue 60– 1. 2015r. C: 212-219, ISSN 0236-1493	8	Fedorov B.V. Korgasbekov D.R. Оразбаева А.А.
66	Express Method for measuring the drilling muds rheological parameters	Printed	19 th International multidisciplinary scientific geoconference (Science and Technologies in Geology, Exploration and Mining / Issue 1.2) / ISBN 978-619-7408-77-5. ISSN 1314-2704, DOI: 10.5593/sgem 2019/1.2 Volume 19, Issue 1.2 (2019), pp: 861 – 868	8	Biletskiy M.T. Syzdykov A.Kh. Delikesheva D.N.
67	Determination of the required level of reliability of subsea production systems to ensure environmental and industrial safety in the arctic oil and gas region	Printed	Marine intellectual technologies, Proceedings of the St. Petersburg State Marine Technical University, Volume № 2 (44) т.1.2019, pp: 87 – 92	6	Karpunina V.P Nifontov IU.A. Chulkin S.G. Nadirov K.S.

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68	Power and energy characteristics of lobed peak-shaped bits of various structures	Printed	International Multidisciplinary Scientific GeoConference: SGEM; Sofia, 20th International Multidisciplinary Scientific GeoConference SGEM 2020, 18 - 24 August, 2020. Pp 247-255 DOI: 10.5593/sgem2020/1.1/s01.031.	9	Fedorov B.V., Korgasbekov D.R.
69	Automatic continuous measurement of drilling muds rheological parameters	Printed	International Multidisciplinary Scientific GeoConference: SGEM; Sofia, Том 20, Изд. 1.2, (2020). pp.665-671 DOI:10.5593/sgem2020/1.2/s06.084	7	Biletskiy M, Delikesheva D.
70	Specific features of drilling mode with extendable working elements	Printed	IV International Scientific and Technical Conference "Gas Hydrate Technologies: Global Trends, Challenges and Horizons" (GHT 2020) / E3S Web of Conf. Volume 230, 2021, DOI: https://doi.org/10.1051/e3sconf/202123001013 . https://www.e3s.conferences.org/articles/e3sconf/abs/2021/06/contents/contents.html .	6	Fedorov B. Sudakov A. Taibergenova I. Kozbakarova S.
71	Особенности микроструктуры композитов WC-Co упрочненных добавкой CrB ₂ / Инструментальное материаловедение	Printed	Instrumental materials science. Collection of Scientific Papers, Issue 24, Kyiv, V.N. Bakul ISM, NAS of Ukraine, Litochoro, Greece, September 19-25, 2021.C: 27–36. ISSN 2223-3938, DOI: 10.33839/2708-731X-23-1-50-65	10	Bondarenko N.A., Swordsman V.A., Strelchuk V.V., Kolodnitsky V.N., Nikolenko A.S., Korostishevsky D.L., Poshvanyuk N.F.

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72	Drilling inserts of the WC-Co-CrB2 system with increased mechanical properties	Printed	International Multidisciplinary Scientific GeoConference: SGEM; Sofia, Volume 21, Ed. 1.2, (2021), pp. 917-925, DOI:org/10.5593/sgem2021/1.1/s06.111	9	Mechnik V.A. Kolodnitsky V. M. Kuttybayev A.E. Muzapparova A.B.
73	Создание высокопроизводительных алмазных коронок для разведочного бурения твердых горных пород	Printed	Proceedings of the National Academy of Sciences of the Kyrgyz Republic, 2022, №2, стр.42-52	11	Fedorov B.V., Kudaikulova G.A., Kuttybaev A.E., Bondarenko V.A., Omirezakova E.Zh.
74	Problematics of the issues concerning development of energy-saving and environmentally efficient technologies of well construction	Printed	ICSF-2022 IOP Publishing IOP Conference Series: Earth and Environmental Science 1049, 2022, 012031. doi:10.1088/1755-1315/1049/1/012031	6	Pavlychenko A.V., Ihnatov A.O., Koroviaka Ye.A., Zakenov S.T.
Monographs, textbooks and teaching aids					
75	Влияние гидростатического давления на ударное абразивно-механическое бурение скважин (Монография).	Printed	Caspian university, 2018, 171 с., ISBN 978-601-7940-06-5	169	Davidenko A.N. Pashchenko A.A. Ignatov A.A.
76	Бурильные трубы для бурения скважин на твердые полезные ископаемые (Монография).	Printed	Caspian university, 2018, 128с., ISBN 978-601-7975-01-2	122	Kozhevnikov A.A. Muratova S.K. Kuzin Y.L. Omirezakova E.Zh.
77	Освоение, эксплуатация и ремонт буровых скважин на жидкие и газообразные полезные ископаемые (Монография)	Printed	Caspian university, 2019, 454 с., ISBN 978-601-7940-08-9	460	Sudakov A. K. Khomenko V. L. Muratova S. K. Sudakova D. A. Omirezakova E. Zh .

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78	Особенности технологии бурения лопастными долотами (Монография).	Printed	Polytech Publishing House, KazNITU named after K.I.Satpayev, 2020, 126 с., ISBN 978-601-323-221-8,	127	Fedorov B.V.,
79	Горизонтально направленное бурение	Printed	Caspian university, 2020, 367 с., ISBN 978-601-7940-25-6	367	Pashchenko A. A., Khomenko V. L., Muratova S. K., Omirezakova E. Zh .
80	Циркуляционные процессы при бурении скважин и их физикохимические особенности (Монография).	Printed	Caspian university, 2022, 242 с., ISBN 978-601-08-2261-0	244	Davidenko A. N., Ignatov A. A., Kozhakhmet K. A., Kuttybaev A. E., Kenzhegalieva Zh . M .
81	Создание эффективных алмазных буровых коронок для проходки скважин в твердых горных породах (Монография).	Printed	Polytech Publishing House, Satbayev University, 2022, 215 с., ISBN 978-601-323-321-5,	215	Fedorov B.V., Bondarenko N.A., Swordsman V.A., Isonkin A.M., Kuttybaev A.E.

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