

Scopus 2017

1. **Adilov, S.R., Afanaciev, V.P., Kashkul, I.N., Kumekov, S.E., Mukhin, N.V., Terukov, E.I.**// Studying the composition and structure of films obtained by thermal oxidation of copper//Glass Physics and Chemistry//Volume 43, Issue 3, 1 May 2017, Pages 272-27
2. **Serikov, T.G., Yakubova, M.Z., Mekhtiev, A.D., Yugay, V.V., Muratova, A.K., Razinkin, V.P., Okhorzina, A.V., Yurchenko, A.V., Alkina, A.D.** //The analysis and modeling of efficiency of the developed telecommunication networks on the basis of IP PBX asterisk now// Proceedings - 2016 11th International Forum on Strategic Technology, IFOST 201621 March 2017, Номер статьи 7884168, Pages 510-515
3. **Shakhvorostov, A.V., Nurakhmetova, Z.A., Seilkhanov, T.M., Nuraje, N., Kudaibergenov, S.E.** // Self-assembly of hydrophobic polybetaine based on (tridecyl)aminocrotonate and methacrylic acid // Polymer Science - Series C // Volume 59, Issue 1, 1 September 2017, Pages 68-76
4. **Bodin, O.N., Safronov, M.I., Ozhikenov, K.A., Zhumagulov, A.K., Polosin, V.G., Ubiennykh, A.G.**//Portable cardioanalyzer//International Conference of Young Specialists on Micro/Nanotechnologies and Electron Devices, EDM//14 July 2017, Номер статьи 7981826, Pages 605-609
5. **Panova, Ye.S., Boyko, G.I., Sarmurzina, R.G., Lubchenko, N.P., Kassymgaliyev, K.M., Karabalin, U.S., Akchulakov, B.U.**//Methods for destruction of complicated water-oil emulsions of Botakhan oilfield// Neftyanoe Khozyaystvo - Oil Industry//Issue 6, 1 June 2017, Pages 109-111
6. **Moniruddin, M., Ilyasov, B., Seliverstova, E., Shabdan, Y., Bakranov, N., Ibrayev, N., Nuraje, N.** //Bioinspired study of energy and electron transfer in photovoltaic system// Journal of Experimental Nanoscience// 1 May 2017, Pages 1-12
7. **Alipova, B.N., Alexeyeva, L.A., Dadayeva, A.N.**//Shock waves as generalized solutions of thermoelastodynamics equations. on the uniqueness of boundary value problems solutions // AIP Conference Proceedings// Volume 1798, 27 January 2017, Номерстатья 020003
8. **Yakubova, M.Z., Serikov, T.G., Mekhtiev, A.D., Yurchenko, A.V., Alkina, A.D., Neshina, Y.G.**//Development and imitating modeling in the developed network consisting of several knots removed among themselves on NetCracker 4.1//2016 Dynamics of Systems, Mechanisms and Machines, Dynamics 2016//13 January 2017, Номерстатья 7819108
9. **Yakubova, M.Z., Serikov, T.G., Muratova, A.K.**//Protection of IP-telephony networks on the basis of asterisk from interception of data// News of the National Academy of Sciences of the Republic of Kazakhstan, Series of Geology and Technical Sciences//Volume 1, Issue 421, 2017, Pages 149-156
10. **Wójcik, W., Suleimenov, B., Junisbekov, M., Kalizhanova, A., Smailova, S., Mussabekov, R.**//Employing optical measurements for monitoring and diagnostics of combustion process in industrial conditions// Journal of Ecological Engineering// Volume 18, Issue 1, 2017, Pages 273-283
11. **Gromaszek, K., Kotyra, A., Wójcik, W., Imanbek, B., Asembay, A., Orakbayev, Y., Kalizhanova, A.**//Combustion process diagnosis and control using optical methods// Environmental Engineering V - Proceedings of the 5th National Congress of Environmental Engineering// 2017, Pages 319-324
12. **Shaytorov, V.N., Akhmetov, E.M., Aldabergenova, G.N.**//Experience of geophysical methods in studying the tectonic structure of a cut in the target diversion tunnel HPP Moinak// News of the National Academy of Sciences of the Republic of Kazakhstan, Series of Geology and Technical Sciences// Volume 1, Issue 421, 2017, Pages 87-95
13. **Andraka, D., Dzienis, L., Myrzakhmetov, M., Ospanov, K.**//Application of natural Zeolite for intensification of municipal wastewater treatment// Journal of Ecological Engineering// Volume 18, Issue 2, 2017, Pages 175-181
14. **Turkayeva, A., Jamalova, G., Mussina, U., Oshakbayev, M., Timma, L., Pubule, J., Blumberga, D.**//Chemical and Microbiological Nature of Produced Water Treatment Biotechnology// Energy Procedia// Volume 113, 2017, Pages 116-120
15. **Roganov, V.R., Sagyndyk, A.B., Akhtarieva, R.F., Beisenbayeva, A.K., Sannikova, S.I.**//Integrated organization of the system for forming the information support of aeronautical simulator// International Journal of Applied Engineering Research// Volume 12, Issue 15, 2017, Pages 5207-5213

16. **Dolgov, P.V., Shevtsova, V.S.**//Evaluation of cracking zone radius under shooting for prevention of gas-dynamic events// Gornyi Zhurnal// Issue 1, 2017, Pages 23-25
17. **Grigoriev, S.N., Bobrovskij, N.M., Bobrovskij, I.N., Lukyanov, A.A., Seitkulov, A.R.**//Testing of external cylindrical surfaces of car parts after wide burnishing processing// Key Engineering Materials// Volume 746 KEM, 2017, Pages 126-131
18. **Solonenko, V., Mahmetova, N., Musayev, J., Kvashnin, M., Alpeisov, A., Zhauyt, A.**//Some aspects of the experimental assessment of dynamic behavior of the railway track// Journal of Theoretical and Applied Mechanics (Poland)// Volume 55, Issue 2, 2017, Pages 421-432
19. **Trushlyakov V., Shatrov Y., Sujmenbaev B., Baranov D.** The designing of launch vehicles with liquid propulsion engines ensuring fire, explosion and environmental safety requirements of worked-off stages. Acta Astronautica. - 2017. T. 131. C. 96-101
20. **Sarsenbekuly B., Kang W., Fan H., Yang H., Dai C., Zhao B., Aidarova S.B.** Study of salt tolerance and temperature resistance of a hydrophobically modified polyacrylamide based novel functional polymer for EOR. Colloids and Surfaces A: Physicochemical and Engineering aspects. - 2017. T. 514. C. 91-97
21. **Gritsenko L.V., Kumekov S.E., Mukash Z.O., Abdullin K.A., Gabdullin M.T., Kalkozova Z.K., Sazonov A.Y., Terukov E.I.** Effect of thermal annealing on properties of polycrystalline ZnO thin films. Journal of Crystal Growth. - 2017. - T. 457. - C. 164-170
22. **Dosmukhamedov N., Kaplan V.** Efficient removal of arsenic and antimony during blast furnace smelting of lead-containing materials 2017. T. 69. - № 2. C. 381-38
23. **Mashekova A., Turdaliev A., Mashekov S., Murzakhmetova U., Kurmangaliyeva L., Smagulova N., Kawalek A.** Ultrafinegrained structure of D16 aluminium alloy after rolling in the corrugated rolls and on the longitudinal-wedge mill. Metalurgija (Sisak, Yugoslavia).- 2017. - T. 56. - № 1-2. - C. 119-122.
24. **Avrunin O.G., Nosova Y.V., Shuhlyapina N.O., Zlepko S.M., Tymchyk S.V., Hotra O., Mussabekova A., Imanbek B., Kalizhanova A.** Principles of computer planning in the functional nasal surgery. Przegląd Elektrotechniczny. - 2017. T. 93. - № 3. C. 140-143
25. **Rubanenko O.O., Komar V.O., Petrushenko O.Y., Smolarz A., Smailova S., Imanbekova U.** - Determination of similarity criteria in optimization tasks by means of neuro-fuzzy modelling. Przegląd Elektrotechniczny. - 2017. - T. 93. - № 3. - C. 93-96
26. **Baigunchekov Z., Ibrayev S., Izmambetov M., Baigunchekov T., Naurushev B., Aisa N., Kalimoldayev M.** Parallel manipulator of a class robomech. Lecture Notes in Electrical Engineering. - 2017. - T. 408. - C. 547-557
27. **Kartbaev T., Akhmetov B., Doszhanova A., Mukapil K., Kalizhanova A., Nabiyeva G., Balgabayeva L., Malikova F.** Development of a computer system for identity authentication using artificial neural networks. Image Analysis and Stereology. - 2017. - T. 36. - № 1. - C. 51-64
28. **Mokin, O., Mokin, B., Lobatyuk, V., Sagymbekova, A., Zyska, T., Burlibay, A. Orshubekov, N.A.**The synthesis of optimum current obtained by mathematical models for an electrically propelled truck drive electromotor(Article). Przegląd Elektrotechniczny. - 2017. - Vol. 93. - Issue 3. - Pages 73-78
29. **Chakeyeva, K.S., Mukhanova, G.S., Tyshkanbayeva, M.B., Kalizhanova, A.U., Seidakhmetov, A.**Instrument for Determining the Particle Size Distribution of Grain by Sedimentometric Analysis(2017). Measurement Techniques, 60 (9), pp. 968-972.
30. **Zhumasheva, Z.T., Kyzdarbekova, A.S., Abdulkhairov, M.T.** Improving the efficiency of voice control robots based on adaptive procedures. Proceedings of 2017 IEEE 2nd International Conference on Control in Technical Systems, CTS 2017, - № 8109563, pp. 345-348.
31. **Muratalin, M., Luckham, P.F., Esimova, A., Aidarova, S., Mutaliyeva, B., Madybekova, G., Sharipova, A., Issayeva, A.** Study of N-isopropylacrylamide-based microgel particles as a potential drug delivery agents (2017) Colloids and Surfaces A: Physicochemical and Engineering Aspects, 532, pp. 8-17.
32. **Sharipova, A.A., Aidarova, S.B., Bekturganova, N.Y., Tleuova, A., Kerimkulova, M., Yessimova, O., Kairaliyeva, T., Lygina, O., Lyubchik, S., Miller, R.** Triclosan adsorption from model system by mineral sorbent diatomite (2017) Colloids and Surfaces A: Physicochemical and Engineering Aspects, 532, pp. 97-101.
33. **Sarsenbekuly, B., Kang, W., Yang, H., Zhao, B., Aidarova, S., Yu, B., Issakhov, M.** Evaluation of rheological properties of a novel thermo-viscosifying functional polymer for enhanced oil recovery (2017) Colloids and Surfaces A: Physicochemical and Engineering Aspects, 532, pp. 405-410

34. **Hildmann, A., Kairaliyeva, T., Danker, K., Shmanai, V., Fainerman, V.B., Miller, R.** Adsorption characteristics of the alkyl phospholipid Inositol-C2-PAF at the solution/air interface (2017) *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, 532, pp. 578-582.
35. **Kairaliyeva, T., Fainerman, V.B., Aksenenko, E.V., Kovalchuk, V.I., Tarasevich, Y.I., Miller, R.** Adsorption of alkane vapor at water drop surfaces (2017) *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, 532, pp. 541-547.
36. **Shayakhmetov, Y., Manesanov, B., Dildebaeva, Z., Shaikhanova, A., Kochan, R., Zawislak, S.** The loading computation algorithm on bearings of rollers of belt conveyor (2017) *Proceedings of the 2017 IEEE 9th International Conference on Intelligent Data Acquisition and Advanced Computing Systems: Technology and Applications, IDAACS 2017, 2*, - № 8095040, pp. 584-589
37. **Kurmankozhayeva, A.A., Azhibekova, A.S.** A method of estimating the contents of components, structural and physical-mechanical properties of Rocks. (2017) *IOP Conference Series: Materials Science and Engineering*, 241 (1), - № 012044.
38. **Lezhnev, S.N., Volokitina, I.E., Volokitin, A.V.** Evolution of microstructure and mechanical properties of steel in the course of pressing–drawing (2017) *Physics of Metals and Metallography*, 118 (11), pp. 1167-1170.
39. **Bapiyev, I.M., Aitchanov, B.H., Tereikovskiy, I.A., Tereikovska, L.A., Korchenko, A.A.** Deep neural networks in cyber attack detection systems (2017) *International Journal of Civil Engineering and Technology*, 8 (11), pp. 1086-1092.
40. **Zhauyt, A., Mamatova, G., Abdugaliyeva, G., Alipov, K., Sakenova, A., Alimbetov, A.** The Kinematic Analysis of Flat Leverage Mechanism of the Third Class (2017) *IOP Conference Series: Materials Science and Engineering*, 250 (1). - № 012006
41. **Yin, X., Kang, W., Zhao, Y., Liu, J., Yang, H., Dai, C., Sarsenbekuly, B., Aidarova, S., Yang, L., Yuan, H., Tan, J.** Study on the indigenous stabilization mechanism of light crude oil emulsions based on an in situ solvent-dissolution visualization method (2017) *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, 530, pp. 155-163.
42. **Tleugabulov, S.M., Tazhiev, E.B.** Energy-saving ferroalloy production (2017) *Steel in Translation*, 47 (10), pp. 682-687.
43. **Kharin, S.N., Sarsengeldin, M.M.** The inverse problem for definition of the shape of a molten contact bridge (2017) *AIP Conference Proceedings*, 1880, № 060002
44. **Bostanbekov, K., Kim, D., Lyssenko, R.** GIS-based visualization of power flows and voltages of electrical network (2017) *Proceedings of the 9th International Scientific Symposium on Electrical Power Engineering, ELEKTROENERGETIKA 2017*, pp. 110-113.
45. **Adilet, K.** Analysis of selection of the optimal separation techniques oil for associated gas utilization process (2017) *ARPN Journal of Engineering and Applied Sciences*, 12 (17), pp. 4927-4930.
46. **Kim, D., Georgiev, G.** Management of the Kazakh high-voltage power system in the presence of solar power park Elsevier B.V. (2017) *Proceedings of the 9th International Scientific Symposium on Electrical Power Engineering, ELEKTROENERGETIKA 2017*, pp. 64-67.
47. **Georgiev, G., Kim, D.** Balancing of stochastic generation of a renewable park by means of thermal, hydro power plants and Bi-directional flows from neighboring energy networks (2017) *Proceedings of the 9th International Scientific Symposium on Electrical Power Engineering, Elektroenergetika 2017*, pp. 60-63.
48. **Pavlikov, R., Beisembekova, R.** Architecture and security tools in distributed information systems with big data (2017) *Application of Information and Communication Technologies, AICT 2016 – Conference Proceedings*, 7991652
49. **Samigulina, G.A., Samigulina, Z.I.** Drag design of sulfanilamide based on the technology of immune network modeling and ontological approach (2017) *Application of Information and Communication Technologies, AICT 2016 – Conference Proceedings*, -№ 7991821
50. **Berdibaeva, G.K., Bodin, O.N., Kozlov, V.V., Nefed'Ev, D.I., Ozhikenov, K.A., Pizhonkov, Y.A.** Pre-processing voice signals for voice recognition systems (2017) *International Conference of Young Specialists on Micro/Nanotechnologies and Electron Devices, EDM*, - № 7981748, - pp. 242-245.
51. **Bodin, O.N., Polosin, V.G., Ubiennykh, A.G., Arzhaev, D.A., Ozhikenov, K.A., Bodin, A.J.** Information and probability approach to the evaluation of dynamic heart system (2017) *International Conference of Young Specialists on Micro/Nanotechnologies and Electron Devices, EDM*, - № 7981825, pp. 601-604.
52. **Zicmane, I., Mahnitko, A., Kovalenko, S., Georgiev, G., Kim, D.** Algorithmization in the task of optimization of cascade hydro power plants (2017) *2017 IEEE Manchester PowerTech, Powertech 2017*, - № 7980989

53. **Khomonenko, A.D., Dashonok, V.L., Ivanova, K.A., Kassymova, D.T.** Approach to processing of data from social networks for detecting public opinion on quality of educational services (2017) Proceedings of 2017 20th IEEE International Conference on Soft Computing and Measurements, SCM 2017, - № 7970707, pp. 737-739.
54. **Abdullin, Kh.A., Cicero, G., Gritsenko, L.V., Kumekov, S.E., Markhabaeva, A.A.** Effect of annealing and hydrogen plasma treatment on the luminescence and persistent photoconductivity of polycrystalline ZnO films (2017) Journal of Applied Physics, 121 (24), - № 245303
55. **Zhauyt, A., Zhahanova, I., Smailova, G., Murzakhmetova, U., Kurmangalieva, L., Kurenbay, A.** The kinematic analysis of the third class mechanism (2017) Vibroengineering Procedia, 12, pp. 208-212
56. **Dyja, H., Tussupkaliyeva, E., Bajor, T., Laber, K.** Physical Modeling of Plastic Working Conditions for Rods of 7xxx Series Aluminum Alloys (2017) Archives of Metallurgy and Materials, 62 (2), pp. 515-521.
57. **Mutaliyeva, B., Grigoriev, D., Madybekova, G., Sharipova, A., Aidarova, S., Saparbekova, A., Miller, R.** Microencapsulation of insulin and its release using w/o/w double emulsion method(2017) Colloids and Surfaces A: Physicochemical and Engineering Aspects, 521, pp. 147-152.
58. **Alimanova, M., Borambayeva, S., Kozhamzharova, D., Kurmangaliyeva, N., Ospanova, D., Tyulepberdinova, G., Gaziz, G., Kassenkhan, A.** Gamification of hand rehabilitation process using virtual reality tools: Using leap motion for hand rehabilitation (2017) Proceedings - 2017 1st IEEE International Conference on Robotic Computing, IRC 2017, - № 7926560, pp. 336-339.
59. **Zhetpisbaev, K., Kumekov, S., Suib, N.R.M., Abd-Shukor, R.** Effect of complex magnetic oxides nanoparticle on (Bi1.6Pb0.4)Sr2Ca2Cu3O10superconductor prepared by co-precipitation method (2017) AIP Conference Proceedings, 1838, - № 02000
60. **Sagin, J., Adenova, D., Tolepbayeva, A., Poryadin, V.** Underground water resources in Kazakhstan (2017) International Journal of Environmental Studies, 74 (3), pp. 386-398.
61. **Nadirov, K.S., Moldabayeva, G.Z., Baibotayeva, S.E., Zeygman, Y.V., Sadyrbayeva, A.S.** Reagent preparation for oil treatment and its use in the process of dehydration (2017) Journal of Industrial Pollution Control, 33 (1), pp. 1075-1084.
62. **Abdulkhairov, M.T., Altay, Y.A., Zhumasheva, Z.T.** Improving the efficiency of noise resistance processing of speech signal (2017) Proceedings of the 2017 IEEE Russia Section Young Researchers in Electrical and Electronic Engineering Conference, EIConRus 2017, - № 7910631, pp. 618-620.
63. **Mirzaeian, M., Ogwu, A.A., Jirandehi, H.F., Aidarova, S., Ospanova, Z., Tsendzughul, N.** Surface characteristics of silver oxide thin film electrodes for supercapacitor applications (2017) Colloids and Surfaces A: Physicochemical and Engineering Aspects, 519, pp. 223-230.
64. **Baláž, P., Zorkovská, A., Baláž, M., Kováč, J., Tešínský, M., Osserov, T., Guseynova, G., Ketegenov, T.** Mechanochemical reduction of chalcopyrite CuFeS₂: Changes in composition and magnetic properties (2017) Acta Physica Polonica A, 131 (4), pp. 1165-1167.
65. **Komekova, N.M., Kozlov, V.A., Smirnov, K.M., Shayakhmetova, R.A., Nesterov, K.N.** Autoclave Leaching of Vanadium from Black Shale (2017) Metallurgist, 60 (11-12), pp. 1186-1190.
66. **Mailybaeva, A.D., Zolotorevskii, V.S., Smagulov, D.U., Islamkulov, K.M.** A study of phase composition and structure of alloys of the Al – Mg – Si – Fe system (2017) Metal Science and Heat Treatment, 58 (11-12), pp. 724-728.
67. **Tleugabulov, S.M., Tleugabulov, B.S., Abikov, S.B.** Control of redox processes in the blast furnace(2017) Steel in Translation, 47 (2), pp. 119-124.
68. **Karpmski, M., Martsenyuk, V., Gvozdetska, I., Akhmetov, B., Zhumangalieva, N.** Estimation problem for network model at state and measurements attacks and information cost Criterion (2017) International Conference on Control, Automation and Systems, - № 7832298, pp. 45-50.
69. **Nurmagambetov, A.** The role of palaeoseismological data in assessment of the seismic hazard in Kazakhstan (2017) News of the National Academy of Sciences of the Republic of Kazakhstan, Series of Geology and Technical Sciences, 2 (422), pp. 74-79.
70. **Borisenko, G.T., Bizhanova, G.J.** Comprehensive interpretation of GWL diagrams with using the geolog program (2017) News of the National Academy of Sciences of the Republic of Kazakhstan, Series of Geology and Technical Sciences, 3 (423), pp. 54-65.
71. **Aksholakov, E.B., Sharapatov, A., Togizov, K.S., Arshamov, Y.K.** Zhitikara ore district: Minerals and ores of rare earths and their prospects of studying logging methods (2017) News of the National Academy of Sciences of the Republic of Kazakhstan, Series of Geology and Technical Sciences, 1 (421), pp. 79-86.

72. **Ratov, B.T., Fedorov, B.V., Sabirov, B.F., Korgasbekov, D.R.** Research parameters of an ejector knot of device for coring from deep well (2017) News of the National Academy of Sciences of the Republic of Kazakhstan, Series of Geology and Technical Sciences, 3 (423), pp. 143-150.
73. **Dosmukhamedov, N.K., Zholdasbay, E.E., Nurlan, G.B., Kurmanseitov, M.B. Elsevier B.V.** Employment of zone melting to obtain ultrapure copper: Behavioural patterns of impurity metals. (2017) Tsvetnye Metally, (7), pp. 34-40.
74. **Abdulvaliev, R.A., Abdykirova, G.Zh., Dyusenova, S.B., Imangalieva, L.M.** Concentration of chromite-containing slimes (2017) Obogashchenie Rud, (6), pp. 15-19.
75. **Uteпов, E.B., Ten, E.B., Zhumadilova, Z.O., Smailova, G.A., Shevtsova, V.S., Abuova, R.Z., Isakhanova, A.B.** Damping Metallic Materials with a Nanostructured Coating (2017) Metallurgist, 60 (9-10), pp. 961-966.
76. **Aitimov, M.Z., Ozhikenov, K.A., Aitimova, U.Z., Dautbayeva, A.O., Baimuratov, O.A.** Analysis of the structure and calculation of time for the environmental monitoring system with multi-parameter sensors (2017) News of the National Academy of Sciences of the Republic of Kazakhstan, Series of Geology and Technical Sciences, 2 (422), pp. 149-156.
77. **Aytkhozhaeva, E.Z., Seilova, N.A.** Information security of the electronic society and the internet of things (2017) News of the National Academy of Sciences of the Republic of Kazakhstan, Series of Geology and Technical Sciences, 6 (426), pp. 264-272.
78. **Fedorov, B., Ratov, B., Sharauova, A.** Development of the model of petroleum well boreability with PDC bore bits for Uzen oilfield (the Republic of Kazakhstan) (2017) EasternEuropean Journal of Enterprise Technologies, 3 (1-87), pp. 16-22.
79. **Moldabayev, S., Sultanbekova, Z., Toktarov, A.** Management reserves of mining operations mode in open pit mining of steeply dipping mineral occurrences (2017) International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, 17 (13), pp. 519-528.
80. **Ibraev, A.T., Sagyndyk, A.B.** Numerical investigation of the aberrational coefficients of a box shaped cathode lens (2017) News of the National Academy of Sciences of the Republic of Kazakhstan, Series of Geology and Technical Sciences, 4 (424), pp. 108-114.
81. **Solonenko, V., Mahmetova, N., Musayev, J., Kuashnin, M., Zhauyt, A., Buzauova, T.** Modeling of dynamic characteristics of freight car with optimized parameters of wedge-type shock absorber (2017) Journal of Vibroengineering, 19 (2), pp. 1197-1213.
82. **Borisenko, G.T., Issagaliyeva, A.K.** Comprehensive analysis of the core and GWL cretaceous and jurassic sediments of South Torgay depression (2017) News of the National Academy of Sciences of the Republic of Kazakhstan, Series of Geology and Technical Sciences, 2 (422), pp. 63-73.
83. **Narbayev, T., Zauerbek, A.K., Narbayev, M., Narbayeva, K.** Improvement of the methodology and scientific-technical basis of the adjustment parameters of reservoirs in the pool of undrained rivers (case study of ile river basin) (2017) News of the National Academy of Sciences of the Republic of Kazakhstan, Series of Geology and Technical Sciences, 3 (423), pp. 100-113.
84. **Taissariyeva, K., Ilipbaeva, L.** Development of an algorithm for controlling a multilevel three-phase converter (2017) Proceedings of SPIE - The International Society for Optical Engineering, 10445, статья № 104456N
85. **Biletsky, M.T., Ratov, B.T., Bayboz, A.R.** Theoretical justification of an automatic device for drilling mud funnel viscosity measurement (2017) News of the National Academy of Sciences of the Republic of Kazakhstan, Series of Geology and Technical Sciences, 4 (424), pp. 123-132.
86. **Dosmukhamedov, N.K., Zholdasbay, E.E., Nurlan, G.B.** Ultra-pure Cu obtaining using zone melting: Influence of liquid zone width on impurities' behavior (2017) Non-ferrous Metals, 43 (2), pp. 15-20.
87. **Baibatsha, A.** Relationship of paleozoides and mineral deposits of Kazakhstan with the paleozoic superplume (2017) International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, 17 (11), pp. 479-486.
88. **Mashekova, A., Nurtazaev, A., Mashekov, S., Alshynova, A., Tussupkaliyeva, E.** The influence of the technological parameters of rolling in the helical rollers and longitudinal wedge mill on the quality of two-phase titanium alloy (2017) Manufacturing Technology, 17 (3), pp. 347-354
89. **Kim, Y., Shukayev, D., Bimurat, Z.** Simulation analysis of the investment activity effectiveness of the development bank (2017) Proceedings of the IASTED International Conference on Modelling, Simulation and Identification, MSI 2017, pp. 58-62.
90. **Omarova, G., Baibatsha, A., Kassenova, A., Loparev, S.** Petrology of ore-bearing metasomatites of gold deposit Kokkyia (South Kazakhstan) (2017) International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, 17 (11), pp. 431-438.

91. **Baibatsha, A., Bekbotayeva, A., Satibekova, S.** The penecontemporaneous transformation and physical-mechanical properties of terrigenous rocks (2017) International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, 17 (11), pp. 651-658.
92. **Kudaibergenova, A., Zhugenbayeva, G., Apendiyev, T., Chatybekova, K., Bissembayeva, L., Aynagul, K., Arman, Z., Kymbat, S.** Influence of migration processes on changing in the ethnic composition of the population of Kazakhstan (end of the XIX-end of the XX centuries) (2017) Man in India, 97 (2), pp. 47-64.
93. **Kudaibergenova, A., Zhugenbayeva, G., Apendiyev, T., Chatybekova, K., Bissembayeva, L., Aynagul, K., Kymbat, S., Arman, Z.** Influence of migration processes on changing in the ethnic composition of the population of Kazakhstan (End of the XIX - End of the XX centuries) (2017) Man in India, 97 (11), pp. 67-84
94. **Kaiym, T.T., Gribanov, V.F., Temirbekov, E.S., Kaimov, S.T., Kaimov, A.T., Kaimov, A.T., Kaimova, G.T., Abildabekova, D.D.** The modeling of the theoretical and mathematical system and specifically the stochastic processes of the dynamical system an innovative mechanism for grasping of the robot for overloading the highly radioactive firm waste of fuel element from the secondary container into the main container (2017) News of the National Academy of Sciences of the Republic of Kazakhstan, Series of Geology and Technical Sciences, 2 (422), pp. 157-174.
95. **Salikhov, T.K., Salikhova, T.S., Khalel, G.K.** The geoecological characteristics and recreational potential of the projected state nature reserve «bokeyorda» in west Kazakhstan region (2017) News of the National Academy of Sciences of the Republic of Kazakhstan, Series of Geology and Technical Sciences, 3 (423), pp. 216-227.
96. **Poryadin, V.I., Absametov, M.K., Adenova, D.K.** Management groundwater resources for solutions water supply of economy of Kazakhstan on the long-term period (2017) News of the National Academy of Sciences of the Republic of Kazakhstan, Series of Geology and Technical Sciences, 5 (425), pp. 93-102.
97. **Naizabekov, A., Lezhnev, S., Panin, E., Volokitina, I.** The role of preliminary heat treatment in the formation of ultrafine-grained structure in the implementation of the combined process“Rolling - Equal channel angular pressing”(2017) Materials Science Forum, 879, pp. 1093-1098.
98. **Altynbek, S.C., Bolotova, L.S., Baikonurova, A.O.** Investigation of sorption characteristics of anionex exchange resins related to gold at its extraction from polycomponent solutions (2017) News of the National Academy of Sciences of the Republic of Kazakhstan, Series of Geology and Technical Sciences, 4 (424), pp. 115-122.
99. **Kozha, E., Smagulov, D.U., Akhmetova, G.E., Kombayev, K.K.** Laboratory installation for electrolytic-plasma treatment of steel (2017) News of the National Academy of Sciences of the Republic of Kazakhstan, Series of Geology and Technical Sciences, 4 (424), pp. 219-224
100. **Rakhmetullayeva, R.K., Azhkeyeva, A.N., Yeligbayeva, G.Z., Shaikhutdynov, Y.M., Mun, G.A., Abutalip, M.** New thermo-sensitive hydrogel based on copolymer of 2-hydroxyethyl acrylate and ethyl acrylate (2017) Eurasian Chemico-Technological Journal, 19 (1), pp. 47-55.
101. **Mukhamedzhanov, M.A., Makyzhanova, A.T., Kulagin, V.V.** The rationale and definition of prospects by the use of groundwater for irrigation, forage production and pastures irrigation of Kazakhstan (2017) News of the National Academy of Sciences of the Republic of Kazakhstan, Series of Geology and Technical Sciences, 3 (423), pp. 72-83
102. **Azamatov, B.N., Ozhikenov, K.A., Azamatova, Z.K.** Assessment of the effectiveness of the use of palladium in catalytic SHS-units for diesel engines (2017) News of the National Academy of Sciences of the Republic of Kazakhstan, Series of Geology and Technical Sciences, 4 (424), pp. 142-147
103. **Yskak, A.S., Abdeli, D.Z., Yensepbaev, T.A., Imansakipova, Z.B., Assabayeva, Z.K.** Water shut off technology in the bottom hole of the oil well (2017) Pollution Research, 36 (4), pp. 964-971
104. **Mashekov, S.A., Absadykov, B.N., Nurtazayev, A.E., Mashekova, A.S., Nugman, E.Z., Rakhmatullin, M.L., Polechuk, A.I.** Computer modelling of the strips rolling process in the longitudinal-wedge mill and calculation of it heavy-duty elements durability (2017) News of the National Academy of Sciences of the Republic of Kazakhstan, Series of Geology and Technical Sciences, 4 (424), pp. 98-107.
105. **Surimbayev, B.N., Baikonurova, A.O., Bolotova, L.S.** Prospects for the development of the process of intensive cyanidation of gold-containing products in the Republic of Kazakhstan(2017) News of the National Academy of Sciences of the Republic of Kazakhstan, Series of Geology and Technical Sciences, 4 (424), pp. 133-141

106. **Baigunchekov, Z., Kalimoldaev, M., Utenov, M., Izmambetov, M., Baigunchekov, T.** Inverse kinematics of six – DOF three - limbed parallel manipulator (2017) *Advances in Intelligent Systems and Computing*, 540, pp. 171-178
107. **Muratbekov, M.B., Muratbekov, M.M., Dadaeva, A.N.** A Sturm-Liouville Operator with a Negative Parameter and Its Applications to the Study of Differential Properties of Solutions for a Class of Hyperbolic Type Equations (2017) *Springer Proceedings in Mathematics and Statistics*, 216, pp. 258-266
108. **Samigulina, G., Nyussupov, A., Shayakhmetova, A.** Multi-agent smart-system of distance learning for people with vision disabilities (2017) *Smart Innovation, Systems and Technologies*, 75, pp. 154-166
109. **Samigulina, G., Zarina, S.** Immune network technology on the basis of random forest algorithm for computer-aided drug design (2017) *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, 10208 LNCS, pp. 50-61
110. **Gussenov, I., Zhappasbayev, B., Kudabergenov, S., Akhmedzhanov, T.K.** Permeability reduction of heterogeneous oil reservoirs by brine-triggered gellan gel (2017) *Journal of Nanoscience and Nanotechnology*, 17 (12), pp. 9198-9202
111. **Mashekov, S.A., Gladkov, M.V., Absadykov, B.N., Masheкова, A.S.** Simulation of combined process of rod extrolling in three-roll mill using deform-3D (2017) *News of the National Academy of Sciences of the Republic of Kazakhstan, Series of Geology and Technical Sciences*, 6 (426), pp. 237-245.
112. **Mamaeva, A., Kenzhegulov, A., Kowalewski, P., Wieleba, W.** Investigation of hydroxyapatite-titanium composite properties during heat treatment (2017) *Acta of Bioengineering and Biomechanics*, 19 (4), pp. 161-169.
113. **Burykin, O.B., Malogulko, J.V., Tomashevskiy, Y.V., Komada, P., Orshubekov, N.A., Kozhamberdiyeva, M., Sagymbekova, A.** Optimization of the functioning of the renewable energy sources in the local electrical systems [Article@Optymalizacja funkcjonowania odnawialnych źródeł energii w lokalnych systemach energetycznych] (2017) *Przegląd Elektrotechniczny*, 93 (3), pp. 97-102
114. **Demydov, I., Klymash, M., Kharkhalis, Z., Strykhaliuk, B., Komada, P., Shedreyeva, I., Targeusizova, A., Iskakova, A.** The research of the availability at cloud service systems (2017) *Proceedings of SPIE - The International Society for Optical Engineering*, 10445, - № 104451V.
115. **Negim, E.-S., Rimma, N., Bekbayeva, L., Akmaral, U., Herki, B.M., Merey, N., Rinat, I., Yeligbayeva, G.** Effect of methyl cellulose/poly(acrylic acid) blends on physico-mechanical properties of Portland cement pastes (2017) *Oriental Journal of Chemistry*, 33 (1), pp. 450-457
116. **Zaslavsky, A.M., Tkachov, V.V., Protsenko, S.M., Bublikov, A.V., Suleimenov, B., Orshubekov, N., Gromaszek, K.** Self-organizing intelligent network of smart electrical heating devices as an alternative to traditional ways of heating (2017) *Proceedings of SPIE - The International Society for Optical Engineering*, 10445, - № 104456K
117. **Mokin, O., Mokin, B., Lobatyuk, V., Sagymbekova, A., Zyska, T., Burlibay, A., Orshubekov, N.A.** The synthesis of optimum current obtained by mathematical models for an electrically propelled truck drive electromotor [Article@Synteza optymalnego prądu silnika elektrycznego wózka pojazdu ciężarowego za pomocą modeli matematycznych] (2017) *Przegląd Elektrotechniczny*, 93 (3), pp. 73-78
118. **Yusupov, Kh.A., Aliev, S.B., Dzhakupov, D.A., Elzhanov, E.A.** Application of ammonium bifluoride for chemical treatment of wells in underground uranium leaching (2017) *Gornyi Zhurnal*, (4), pp. 57-60
119. **Zhexembayev, E.S., Murtazin, E.Z., Tokarev, I.V., Khabiyev, A.T.** Hydrogeochemical features of nitrogen therms of alkaline basin (east kazakhstan) (2017) *News of the National Academy of Sciences of the Republic of Kazakhstan, Series of Geology and Technical Sciences*, 3 (423), pp. 185-197.
120. **Krupnik, L.A., Shaposhnik, Y.N., Shaposhnik, S.N., Nurshaiykova, G.T., Tungushbaeva, Z.K.** Technology of Backfill Preparation Based on Cement-and-Slag Binder in Orlov Mine(2017) *Journal of Mining Science*, 53 (1), pp. 77-83
121. **Petruk, V., Kvaternyuk, S., Kvaternyuk, O., Mokanyuk, O., Petruk, R., Mussubekov, R., Wójcik, W., Toigozhinova, A., Kalizhanova, A.** Multispectral method and means for determining the distance of the shot on the basis of the study of gunshot injuries of the skin tissues [Article@Multispektralna metoda oraz środki do określania odległości strzału na podstawie badania urazów postrzałowych tkanek skórnych] (2017) *Przegląd Elektrotechniczny*, 93 (3), pp. 129-132

122. **Mieshkov, O.Y., Novikov, O.O., Novikov, V.O., Fainzilberg, L.S., Kotyra, A., Smailova, S., Kozbekova, A., Imanbek, B.** Identification and human condition analysis based on the human voice analysis(2017) Proceedings of SPIE - The International Society for Optical Engineering, 10445, - № 104453T
123. **Chernenko, P.O., Shevchenko, S.Y., Smolarz, A., Karnakova, G., Kozhambardiyeva, M., Iskakova, A.** Online single-factor measured active nodal load forecasting in an electric power system(2017) Proceedings of SPIE - The International Society for Optical Engineering, 10445, -№ 1044560
124. **Sladkowski, A., Utegenova, A., Elemesov, K., Stolpovskikh, I.** Determining of the rational capacity of a bunker for cyclic-and-continuous technology in quarries(2017) Naukovi Visnyk Natsionalnoho Hirnychoho Universytetu, (6), pp. 29-33
125. **Muzychenko, I., Jamalova, G., Mussina, U., Kazulis, V., Blumberga, D.** Case Study of Lead Pollution in the Roads of Almaty(2017) Energy Procedia, 113, pp. 369-376
126. **Omarova, G., Baibatsha, A., Muszynski, A., Dyussebayeva, K., Loparev, S.** Micromineralogy of gold-bearing ores of metasomatic type deposit in Kazakhstan (2017) International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, 17 (11), pp. 321-328
127. **Dryzhenko, A., Shustov, A., Moldabayev, S.** Justification of parameters of building inclined trenches using belt conveyors (2017) International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, 17 (13), pp. 471-478.
128. **Kotyra, A., Wójcik, W., Sawicki, D., Gromaszek, K., Asembay, A., Sagymbekova, A., Kozbakova, A.** Coal and biomass co-combustion process characterization using frequency analysis of flame flicker signals(2017) Environmental Engineering V - Proceedings of the 5th National Congress of Environmental Engineering, pp. 279-286
129. **Dryzhenko, A., Moldabayev, S., Shustov, A., Adamchuk, A., Sarybayev, N.** Open pit mining technology of steeply dipping mineral occurrences by steeply inclined sublayers (2017) International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, 17 (13), pp. 599-606
130. **Kravchuk, S., Minochkin, D., Omiotek, Z., Bainazarov, U., Weryska-Bieniasz, R., Iskakova, A.** Cloud-based mobility management in heterogeneous wireless networks (2017) Proceedings of SPIE - The International Society for Optical Engineering, 10445, - № 104451W
131. **Azarov, O.D., Troianovska, T.I., Savytska, L.A., Savchuk, T.O., Nykyforova, L.E., Otryshko, V.A., Suleimenov, B., Gromaszek, K., Kozbekova, A., Sagymbekova, A.** Quality of content delivery in computer specialists training system (2017) Proceedings of SPIE - The International Society for Optical Engineering, 10445, - № 104452S
132. **Vasilevskiy, O.M., Kulakov, P.I., Dudatiev, I.A., Didych, V.M., Kotyra, A., Suleimenov, B., Asembay, A., Kozbekova, A.** Vibration diagnostic system for evaluation of state interconnected electrical motors mechanical parameters (2017) Proceedings of SPIE - The International Society for Optical Engineering, 10445, - № 104456C
133. **Zlepko, S.M., Sander, S.V., Kozlovskaya, T.I., Pavlov, V.S., Wojcik, W., Yesmakhanova, L., Zhirnova, O.** Analysis of the vascular tone and character of the local blood flow to assess the viability of the body using the photoplethysmographic device [Article@Analiza napięcia naczyniowego i charakteru lokalnego przepływu krwi z użyciem urządzeń fotopletyzmoграфicznych do oceny żywotności narządu] (2017) Przegląd Elektrotechniczny, 93 (5), pp. 92-95.
134. **Rubanenko, O.O., Komar, V.O., Petrushenko, O.Y., Smolarz, A., Smailova, S., Imanbekova, U.** Determination of similarity criteria in optimization tasks by means of neuro-fuzzy modeling [Article@Określenie kryteriów podobieństwa w zadaniach optymalizacyjnych za pomocą modelowania rozmytego] (2017) Przegląd Elektrotechniczny, 93 (3), pp. 93-96
135. **Tymchik, G.S., Skytsiuk, V.I., Klotchko, T.R., Bezsmertna, H., Wójcik, W., Luganskaya, S., Orazbekov, Z., Iskakova, A.** Diagnosis abnormalities of limb movement in disorders of the nervous system (2017) Proceedings of SPIE - The International Society for Optical Engineering, 10445, - № 104453S
136. **Kolobrodov, V.G., Dobrovolska, C.V., Mykytenko, V.I., Tymchik, G.S., Tiagur, V.M., Komada, P., Mussabekova, A., Targeusizova, A., Iskakova, A.** Spaceborne linear array imager's spatial resolution for arbitrary viewing angles(2017) Proceedings of SPIE - The International Society for Optical Engineering, 10445, - № 104450J
137. **Kylymchuk, A.V., Rubanenko, O.E., Teptia, V.V., Sikorska, O.V., Kozhambardiyeva, M., Gromaszek, K., Askarova, N.** Control of power flow and voltage in parallel working electrical GRIDS

- [Article@Sterowanie przepływem mocy i napięcia w sieciach energetycznych pracujących równolegle] (2017) Przegląd Elektrotechniczny, 93 (3), pp. 88-92
138. **Bespalov, Y.G., Nosov, K.V., Vysotska, O.V., Porvan, A.P., Omiotek, Z., Burlibay, A., Assebay, A., Szatkowska, M.** Mathematical modeling of systemic factors determining the risk of deterioration of drinking water supply and development of allergic diseases of population (2017) Proceedings of SPIE - The International Society for Optical Engineering, 10445, -№ 104453K
139. **Bachynskiy, M.V., Azarkhov, O.Y., Shtofel, D.K., Horbatiuk, S.M., Ławicki, T., Kalizhanova, A., Smailova, S., Askarova, N.** System and algorithm for evaluation of human auditory analyzer state (2017) Proceedings of SPIE - The International Society for Optical Engineering, 10445, - № 1044537
140. **Zhuravska, I.M., Koretska, O.O., Musiyenko, M.P., Surtel, W., Assebay, A., Kovalev, V., Tleshova, A.** Self-powered information measuring wireless networks using the distribution of tasks within multicore processors (2017) Proceedings of SPIE - The International Society for Optical Engineering, 10445, - № 1044527
141. **Snizhko, D.V., Sushko, O.A., Reshetnyak, E.A., Shtofel, D.H., Zyska, T., Smolarz, A., Mussabekov, N., Kalizhanova, A.** Colorimeter based on color sensor [Article@Kolorymetrzbudowany z wykorzystaniem czujnika koloru] (2017) Przegląd Elektrotechniczny, 93 (5), pp. 96-101
142. **Saldan, Y.R., Pavlov, S.V., Vovkotrub, D.V., Saldan, Y.Y., Vassilenko, V.B., Mazur, N.I., Nikolaichuk, D.V., Wójcik, W., Romaniuk, R., Suleimenov, B., Bainazarov, U.** Efficiency of optical-electronic systems: Methods application for the analysis of structural changes in the process of eye grounds diagnosis (2017) Proceedings of SPIE - The International Society for Optical Engineering, 10445, - № 104450S
143. **Pavlov, S.V., Barylo, A.S., Kozlovska, T.I., Stasenko, V.A., Azarkhov, O.Y., Kravchuk, P.O., Wójcik, W., Orakbayev, Y., Yesmakhanova, L.** Analysis of microcirculatory disorders in inflammatory processes in the maxillofacial region on based of optoelectronic methods [Article@Analiza zaburzeń mikrokrążenia w procesach zapalnych w obszarze szczękowym na podstawie metod optoelektronicznych] (2017) Przegląd Elektrotechniczny, 93 (5), pp. 114-117
144. **Avrudin, O.G., Nosova, Y.V., Shuhlyapina, N.O., Zlepko, S.M., Tymchyk, S.V., Hotra, O., Imanbek, B., Kalizhanova, A., Mussabekova, A.** Principles of computer planning in the functional nasal surgery [Article@Zasady planowania komputerowego w czynnościowej chirurgii nosa] (2017) Przegląd Elektrotechniczny, 93 (3), pp. 140-143.
145. **Avrudin, O.G., Nosova, Y.V., Paliy, V.G., Shushlyapina, N.O., Kalimoldayev, M., Komada, P., Sagymbekova, A.** Study of the air flow mode in the nasal cavity during a forced breath (2017) Proceedings of SPIE - The International Society for Optical Engineering, 10445, - № 104453H
146. **Kondratets, V.A., Matsui, A.N., Surtel, W., Amirgaliyev, Y., Kovalenko, V., Iskakova, A.** Research and neutralizing of spiral deterioration impact to the accuracy of measuring of the volume of sand classifier (2017) Proceedings of SPIE - The International Society for Optical Engineering, 10445, - № 1044565
147. **Shamelkhanova, N.A., Uskenbayeva, A.M., Volochko, A.T., Korolyov, S.P.** The study of the role of fullerene black additive during the modification of ductile cast iron (2017) Materials Science Forum, 891 MSF, pp. 235-241
148. **Pavlov, S.V., Kozlovska, T.I., Sydoruk, O.O., Kotovskyy, V.I., Wójcik, W., Orakbayev, Y.** Calibration of the metrological characteristics of photoplethysmographic multispectral device for diagnosis the peripheral blood circulation [Article@Kalibracja metrologicznych charakterystyk wielospektralnego urządzenia fotopletyzmo graficznego do diagnostyki obwodowego przepływu krwi] (2017) Przegląd Elektrotechniczny, 93 (5), pp. 79-84.
149. **Tereykovska, L., Tereykovskiy, I., Aytkhozhaeva, E., Tynymbayev, S., Imanbayev, A.** Encoding of neural network model exit signal, that is devoted for distinction of graphical images in biometric authenticate systems (2017) News of the National Academy of Sciences of the Republic of Kazakhstan, Series of Geology and Technical Sciences, 6 (426), pp. 217-224
150. **Kucheruk, V., Palamarchuk, E., Kulakov, P., Storozhuk, N., Wójcik, W., Zhassandykyz, M.** Measuring of the relative milk mass fraction in water-milk solution [Article@Pomiar względnej masy frakcji mleka w roztworze wody z mlekiem] (2017) Przegląd Elektrotechniczny, 93 (3), pp. 83-87
151. **Umarbekova, Z., Selmann, R., Dyussebayeva, K., Kokkuzova, M.** The gold ore deposit bakyrchik and views on the formation of the mineral deposits in black shale strata (2017) International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, 17 (11), pp. 1111-1118

152. **Bilynsky, Y., Sukhotska, I., Yukysh, S., Yukysh, M., Komada, P., Akhmetov, B., Mussubekov, K.** Controlling geometric dimensions of small-size complex-shaped objects (2017) Proceedings of SPIE - The International Society for Optical Engineering, 10445, - № 1044501
153. **Lezhniuk, P.D., Hunko, I.O., Kravchuk, S.V., Komada, P., Gromaszek, K., Mussabekova, A., Askarova, N., Arman, A.** The influence of distributed power sources on active power loss in the microgrid [Article@Wpływ rozproszonych źródeł energii na straty mocy czynnej w sieciach microgrid] (2017) Przegląd Elektrotechniczny, 93 (3), pp. 107-112
154. **Smolarz, A., Wójcik, W., Gromaszek, K., Komada, P., Lytvynenko, V.I., Mussabekov, N., Yesmakhanova, L., Toigozhinova, A.** Artificial intelligence methods in diagnostics of coal-biomass blends co-combustion in pulverised coal burners (2017) Environmental Engineering V - Proceedings of the 5th National Congress of Environmental Engineering, pp. 311-318
155. **Grabko, V., Levitskiy, S., Bombyk, V., Wojcik, W., Hotra, O., Imanbek, B.** Mathematical control system of grid-tied multilevel voltage inverter [Article@Matematyczny system sterowania wielopoziomowego przekształtnika napięcia grid-tied] (2017) Przegląd Elektrotechniczny, 93 (3), pp. 133-139
156. **Baikonurov, E.G., Usoltseva, G.A., Chernyshova, O.V., Drobot, D.V., Akpanbayev, R.S.** Thermodynamic evaluation of probability of dissolution of secondary heat-resistant nickel-containing alloy GS32-VI by mineral acids solutions (2017) News of the National Academy of Sciences of the Republic of Kazakhstan, Series of Geology and Technical Sciences, 4 (424), pp. 225-232
157. **Azarov, O.D., Krupelnitskiy, L.V., Komada, P., Ławicki, T., Askarova, N., Sagymbekova, A.** AD systems for processing of low frequency signals based on self calibrate ADC and DAC with weight redundancy [Article@Systemy analogowo-cyfrowe do przetwarzania sygnałów niskoczęstotliwościowych oparte na samokalibrującym się przetworniku analogowo-cyfrowym i cyfrowo analogowym z redundancją wagi] (2017) Przegląd Elektrotechniczny, 93 (5), pp. 125-128.
158. **Johnson, J., Bakranov, N., Moniruddin, M., Iskakov, R., Kudaibergenov, S., Nuraje, N.** Spontaneous polarization field-enhanced charge separation for an iron oxide photo-catalyst (2017) New Journal of Chemistry, 41 (24), pp. 15528-15532.
159. **Aitchanov, B., Korchenko, A., Tereykovskiy, I., Bapiyev, I.** Perspectives for using classical neural network models and methods of counteracting attacks on network resources of information systems (2017) News of the National Academy of Sciences of the Republic of Kazakhstan, Series of Geology and Technical Sciences, 5 (425), pp. 202-212
160. **Denbnovetsky, S., Melnyk, I., Melnyk, V., Tugai, B., Tuhai, S., Wójcik, W., Ławicki, T., Assambay, A., Luganskaya, S.** Principles of operation of high voltage glow discharge electron guns and some possibilities of their technological application (2017) Proceedings of SPIE - The International Society for Optical Engineering, 10445, - № 104455R
161. **Voronov, S., Genkin, O., Genkina, V., Rodionov, V., Romaniuk, R., Kisała, P., Kli mek, J., Askarova, N., Luganskaya, S.** Reference LED source of subnanosecond pulses of broadband optical radiation (2017) Proceedings of SPIE - The International Society for Optical Engineering, 10445, - № 1044510
162. **Bukayeva, A.Z., Nurymov, Y.K., Povetkin, V.V., Khandozhko, A.V.** Study of the application high velocity thermal spraying tools used in technological processes and Productions (2017) News of the National Academy of Sciences of the Republic of Kazakhstan, Series of Geology and Technical Sciences, 5 (425), pp. 190-201
163. **Vyatkin, S.I., Romanyuk, A.N., Gotra, Z.Y., Romanyuk, O.V., Wójcik, W., Romaniuk, R., Amirgaliyev, Y., Assembay, A.** Offsetting, relations, and blending with perturbation functions (2017) Proceedings of SPIE - The International Society for Optical Engineering, 10445, - № 104452B
164. **Vyatkin, S.I., Romanyuk, A.N., Pavlov, S.V., Moskovko, M.V., Askarova, N., Sagymbekova, A., Wójcik, W., Kotyra, A.** Fast ray casting of function-based surfaces [Article@Szybkie rzutowanie powierzchni opisanych za pomocą funkcji] (2017) Przegląd Elektrotechniczny, 93 (5), pp. 83-86
165. **Wójcik, W., Osypenko, V.P., Osypenko, V.V., Lytvynenko, V.I., Askarova, N., Zhassandykyzy, M.** Hydroecological investigations of water objects located on urban areas (2017) Environmental Engineering V - Proceedings of the 5th National Congress of Environmental Engineering, pp. 155-160
166. **Kostishyn, S.V., Tymchyk, S.V., Bachynskiy, M.V., Fedosova, I.V., Kazbekova, A., Surtel, W.** Ways and possibilities of creating medical information systems based on OLAP-technology [Article@Sposoby i możliwości tworzenia medycznych systemów informatycznych w oparciu o technologię OLAP] (2017) Przegląd Elektrotechniczny, 93 (5), pp. 110-113

167. **Studeniyak, I., Izai, V., Studeniyak, V., Bendak, A., Kranjec, M., Kúš, P., Mikula, M., Grani, B., Roch, T., Suleimenov, B., Ławicki, T., Gurov, E.** Influence of structural disorder on the optical properties of non-stoichiometric Cu₆Ps₅I-based thin films (2017) Proceedings of SPIE - The International Society for Optical Engineering, 10445, - № 104454Z
168. **Isaev, V.I., Starostenko, V.I., Lobova, G.A., Fomin, A.N., Issagaliyeva, A.K.** Tectonic-sedimentation interpretation of the geothermics data when identifying and assessing the Late Eocene erosion on the arctic hydrocarbon fields (Yamal Peninsula) (2017) Bulletin of the Tomsk Polytechnic University, Geo Assets Engineering, 328 (7), pp. 19-31
169. **Moldbayev, S., Sultanbekova, Z., Toktarov, A., Sarybayev, N.** Provision of possibility of constructing conveyor hoist in a stationary position during development of a working zone on steep pit edges of an open-pit mine (2017) International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, 17 (13), pp. 693-700
170. **Ratov, B., Utepov, Z., Tulepbergenov, A., Baiboz, A., Sharauova, A.** About a half-wave length of the bottom-hole core drill composed of structural elements of different stiffness (2017) International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, 17 (12), pp. 33-40
171. **Moldabayev, S., Sultanbekova, Z., Toktarov, A.** Management reserves of mining operations mode in open pit mining of steeply dipping mineral occurrences (2017) International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, 17 (13), pp. 519-528
172. **Shukayev, D.N., Bimurat, Z., Abdibekov, D., Yergaliyeva, N.O.** Making investment decisions under uncertainty (2017) Proceedings of the IASTED International Conference on Modelling, Simulation and Identification, MSI 2017, pp. 55-57
173. **Mashekov, S., Masheкова, A., Alshynova, A., Akimbekova, M., Smagulova, N.** Formation of submicrocrystalline structural state of AD31 alloy while rolling in the helical rolls and longitudinal wedge mill (2017) Kovove Materialy, 55 (3), pp. 183-190
174. **Ratov, B.T., Korgasbekov, D.R., Fedorov, B.V., Sabirov, B.F., Baiboz, A.R.** Effect of fracturing and properties of drilling mud on a core blocking during the coring from deep wells (2017) International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM, 17 (14), pp. 609-616
175. **Rakishev, B.R.** Technological resources for improving the quality and completeness of use of the mineral raw materials (2017) News of the National Academy of Sciences of the Republic of Kazakhstan, Series of Geology and Technical Sciences, 2 (422), pp. 116-124
176. **Narbayev, T., Zauerbek, A.K., Narbayev, M., Narbayeva, K.** Improvement of the methodology and scientific-technical basis of the adjustment parameters of reservoirs in the pool of undrained rivers (case study of the Ile river basin) (2017) News of the National Academy of Sciences of the Republic of Kazakhstan, Series of Geology and Technical Sciences, 3 (423), pp. 100-113
177. **Taissariyeva, K., Seidaliyeva, U.** Design of circuits of multilevel inverter on IGBT transistors with pulse-amplitude control (2017) Proceedings of SPIE - The International Society for Optical Engineering, 10445, - № 104455L
178. **Mashekov, S.A., Nurtazayev, A.E., Nugman, E.Z., Masheкова, A.S., Rakhmatulin, M.L., Poleshchuk, A.I.** Influence of the stands construction on the vibration of the working and backup rolls of the longitudinal-wedge mill (2017) Metalurgija, 56 (3-4), pp. 367-370
179. **Fedorov, B.V., Ratov, B.T., Sharauova, A.B.** Model of purification of pdc bolts for walking wells on oil-gas field name (2017) News of the National Academy of Sciences of the Republic of Kazakhstan, Series of Geology and Technical Sciences, 4 (424), pp. 170-176
180. **Sharapatov, A., Shayakhmet, M.** Physico-geological basis of efficiency of application of aeromagnetic method in oil-gas Caspian lowland (2017) News of the National Academy of Sciences of the Republic of Kazakhstan, Series of Geology and Technical Sciences, 3 (423), pp. 95-99
181. **Zhassandykyzy, M., Aripovich, T.A., Wójcik, W., Kalizhanova, A., Gromaszek, K.** Water recycling automation of car wash with cleaning channel and changeable adsorptive plate holders [Article@Automatyzacja uzdatniania wody w myjni samochodowej z kanałem czyszczącym i wymiennymi uchwytami płyt adsorpcyjnych] (2017) Przegląd Elektrotechniczny, 93 (5), pp. 144-147
182. **Aitchanov, B.H., Wojcik, W., Tergeusizova, A.S.** Optical fiber exhaust management systems and innovative technologies for its production (2017) News of the National Academy of Sciences of the Republic of Kazakhstan, Series of Geology and Technical Sciences, 3 (423), pp. 206-212
183. **Vedmitskiy, Y.G., Kukharchuk, V.V., Hraniak, V.F., Wójcik, W., Zhassandykyzy, M., Yesmakhanova, L.** New non-system physical quantities for vibration monitoring of transient

- processes at hydropower facilities, integral vibratory accelerations [Article@Nowe niesystemowe wielkości fizyczne monitorowania drgań nieustalonych procesów w elektrowniach, zintegrowane przyspieszenia drgań] (2017) *Przegląd Elektrotechniczny*, 93 (3), pp. 69-72
184. **Mukhanov, B.K., Wójcik, W., Omirbekova, Z.Z., Orakbayev, Y.Z.** Application of virtual training model for technological processes [Article@Aplikacja wirtualnego trenera procesów technologicznych] (2017) *Przegląd Elektrotechniczny*, 93 (5), pp. 129-133
 185. **Berdibay, S., Ermolaev, V., Paretskaya, N., Sabitov, A., Martirosyan, K.S.** Structure and physical properties of new lithium- and iodine-containing adducts (2017) *International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM*, 17 (61), pp. 319-330
 186. **Kukharchuk, V.V., Bogachuk, V.V., Hraniak, V.F., Wójcik, W., Suleimenov, B., Karnakova, G.** Method of magneto-elastic control of mechanic rigidity in assemblies of hydropower units (2017) *Proceedings of SPIE - The International Society for Optical Engineering*, 10445, - № 104456A
 187. **Kvyetnyy, R., Maslii, R., Harmash, V., Bogach, I., Kotyra, A., Gradz, Ł., Zhanpeisova, A., Askarova, N.** Object detection in images with low light condition (2017) *Proceedings of SPIE - The International Society for Optical Engineering*, 10445, - № 104450W
 188. **Dubovoi, V.M., Nikitenko, O.D., Kalimoldayev, M., Kotyra, A., Gromaszek, K., Iskakova, A.** Functional integration of automated system databases by means of artificial intelligence (2017) *Proceedings of SPIE - The International Society for Optical Engineering*, 10445, № 104452C
 189. **Bakytov, D., Ermolaev, Y., Paretskaya, N., Kurmanbekov, A., Martirosyan, K.S.** Some physical properties of new potassium triiodide adducts with biologically active ligands (2017) *International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM*, 17 (61), pp. 307-318
 190. **Rubanenko, O.O., Komar, V.O., Petrushenko, O.Y., Smolarz, A., Smailova, S., Imanbekova, U.** Determination of similarity criteria in optimization tasks by means of neuro-fuzzy modeling [Article@Określenie kryteriów podobieństwa w zadaniach optymalizacyjnych za pomocą modelowania rozmytego] (2017) *Przegląd Elektrotechniczny*, 93 (3), pp. 93-96
 191. **Pavlov, S.V., Barylo, A.S., Kozlovskaya, T.I., Stasenko, V.A., Azarhov, O.Y., Kravchuk, P.O., Wójcik, W., Orakbayev, Y., Yesmakhanova, L.** Analysis of microcirculatory disorders in inflammatory processes in the maxillofacial region on based of optoelectronic methods [Article@Analiza zaburzeń mikrokrążenia w procesach zapalnych w obszarze szczękowym na podstawie metod optoelektronicznych] (2017) *Przegląd Elektrotechniczny*, 93 (5), pp. 114-117
 192. **Bakranov, N., Aldabergenov, M., Ibrayev, N., Abdullin, Kh., Kudaibergenov, S.** The study of photoelectrochemical water splitting by ZnO nanostructures and ZnO/Ag nanocomposites//*Proceedings of the 2017 IEEE 7th International Conference on Nanomaterials: Applications and Properties*, 2017,03NNSA38
 193. **Aldabergenov, M., Dauletbekova, M., Toletay, G., Kudaibergenov, S., Klivenko, A.** Reduction of 4-nitrobenzoic acid by AuNPs/Cryogel and PdNPs/cryogel nanocomposites// *Proceedings of the 2017 IEEE 7th International Conference on Nanomaterials: Applications and Properties*, 2017-January,03NNSA27
 194. **Zhetpisbaev, K., Kumekov, S., Suib, N.R.M., Abd-Shukor, R.** Effect of complex magnetic oxides nanoparticle on $(\text{Bi}_{1.6}\text{Pb}_{0.4})\text{Sr}_2\text{Ca}_2\text{Cu}_3\text{O}_{10}$ superconductor prepared by co-precipitation method// *AIP Conference Proceedings*. - 2017. 1838,020009
 195. **Baláž, P., Zorkovská, A., Baláž, M., (...), Guseynova, G., Ketegenov, T.** Mechanochemical reduction of chalcopyrite CuFeS_2 : Changes in composition and magnetic properties//*Acta Physica Polonica A*. - 2017. - № 131(4). - C. 1165-1167
 196. **Moldabayev, S., Sultanbekova, Z., Toktarov, A.** Management reserves of mining operations mode in open pit mining of steeply dipping mineral occurrences. *International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, SGEM*. - 2017. - № 17(13). - C. 519-528
 197. **Burykin, O.B., Malogulko, J.V., Tomashevskiy, Y.V., (...), Kozhamberdiyeva, M., Sagymbekova, A.** Optimization of the functioning of the renewable energy sources in the local electrical systems | [Optymalizacja funkcjonowania odnawialnych źródeł energii w lokalnych systemach energetycznych]// *Przegląd Elektrotechniczny*. – 2018. - № 93(3). - c. 97-102
 198. **Vedmitskiy, Y.G., Kukharchuk, V.V., Hraniak, V.F., (...), Zhassandykyzy, M., Yesmakhanova, L.** New non-system physical quantities for vibration monitoring of transient processes at hydropower facilities, integral vibratory accelerations | [Nowe niesystemowe wielkości

- fizyczne monitorowania drgań niestabilnych procesów w elektrowniach, zintegrowane przyspieszenia drgań// Przegląd Elektrotechniczny. - 2017. - № 93(3). - C. 69-72
199. **Mukhanov, B.K., Wójcik, W., Omirbekova, Z.Z., Orakbayev, Y.Z.** Application of virtual training model for technological processes | [Aplikacja wirtualnego trenażera procesów technologicznych]// Przegląd Elektrotechniczny. - 2017. - № 93(5). - C. 129-133
200. **Mokin, O., Mokin, B., Lobatyuk, V., (...), Burlibay, A., Orshubekov, N.A.** The synthesis of optimum current obtained by mathematical models for an electrically propelled truck drive electromotor | [Synteza optymalnego prądu silnika elektrycznego wózka pojazdu ciężarowego za pomocą modeli matematycznych] //Przegląd Elektrotechniczny. – 2017. - № 93(3). - C. 73-78
201. **Zhassandykyzy, M., Aripovich, T.A., Wójcik, W., Kalizhanova, A., Gromaszek, K.** Water recycling automation of car wash with cleaning channel and changeable adsorptive plate holders | [Automatyzacja uzdatniania wody w myjni samochodowej z kanałem czyszczącym i wymiennymi uchwytami płyt adsorpcyjnych]//Przegląd Elektrotechniczny. - 2017. - № 93(5). -C. 144-147
202. **Petruk, V., Kvaternyuk, S., Kvaternyuk, O., (...), Toigozhinova, A., Kalizhanova, A.** Multispectral method and means for determining the distance of the shot on the basis of the study of gunshot injuries of the skin tissues | [Multispektralna metoda oraz środki do określania odległości strzału na podstawie badania urazów postrzałowych tkanek skórnych]Przegląd Elektrotechniczny. – 2017. - № 93(3). - C. 129-132
203. **Rubanenko, O.O., Komar, V.O., Petrushenko, O.Y., (...), Smailova, S., Imanbekova, U.** Determination of similarity criteria in optimization tasks by means of neuro-fuzzy modelling | [Określenie kryteriów podobieństwa w zadaniach optymalizacyjnych za pomocą modelowania rozmytego]. Przegląd Elektrotechniczny. - 2017. - № 93(3). - C. 93-96
204. **Zlepko, S.M., Sander, S.V., Kozlovskaya, T.I., (...), Yesmakhanova, L., Zhirnova, O.** Analysis of the vascular tone and character of the local blood flow to assess the viability of the body using the photoplethysmographic device | [Analiza napięcia naczyniowego i charakteru lokalnego przepływu krwi z użyciem urządzeń fotopletyzmoграфicznych do oceny żywotności narządu]//Przegląd Elektrotechniczny. - 2017. - № 93(5). - C. 92-95
205. **Kylymchuk, A.V., Rubanenko, O.E., Teptia, V.V., (...), Gromaszek, K., Askarova, N.** Control of power flow and voltage in parallel working electrical GRIDS | [Sterowanie przepływem mocy i napięcia w sieciach energetycznych pracujących równolegle]// Przegląd Elektrotechniczny. - 2017. - № 93(3). - C. 88-92
206. **Avrudin, O.G., Nosova, Y.V., Shuhlyapina, N.O., (...), Kalizhanova, A., Mussabekova, A.** Principles of computer planning in the functional nasal surgery | [Zasady planowania komputerowego w czynnościowej chirurgii nosa]// Przegląd Elektrotechniczny. - 2017. - №93(3), c. 140-143
207. **Pavlov, S.V., Barylo, A.S., Kozlovskaya, T.I., (...), Orakbayev, Y., Yesmakhanova, L.** Analysis of microcirculatory disorders in inflammatory processes in the maxillofacial region on based of optoelectronic methods | [Analiza zaburzeń mikrokrążenia w procesach zapalnych w obszarze szczękowym na podstawie metod optoelektronicznych]//Przegląd Elektrotechniczny. - 2017. - № 93(5). - C. 114-117
208. **Snizhko, D.V., Sushko, O.A., Reshetnyak, E.A., (...), Mussabekov, N., Kalizhanova, A.** Colorimeter based on color sensor | [Kolorymetr zbudowany z wykorzystaniem czujnika koloru]// Przegląd Elektrotechniczny. - 2017. - № 93(5), c. 96-101
209. **Lezhniuk, P.D., Hunko, I.O., Kravchuk, S.V., (...), Askarova, N., Arman, A.** The influence of distributed power sources on active power loss in the microgrid | [Wpływ rozproszonych źródeł energii na straty mocy czynnej w sieciach microgrid]// Przegląd Elektrotechniczny. - 2017. - №93(3). - C. 107-112
210. **Grabko, V., Levitskiy, S., Bombyk, V., (...), Hotra, O., Imanbek, B.** Mathematical control system of grid-tied multilevel voltage inverter | [Matematyczny system sterowania wielopoziomowego przekształtnika napięcia grid-tied]// Przegląd Elektrotechniczny. - 2017. - № 93(3). - C. 133-139
211. **Pavlov, S.V., Kozlovskaya, T.I., Sydoruk, O.O., (...), Wójcik, W., Orakbayev, Y.** Calibration of the metrological characteristics of photoplethysmographic multispectral device for diagnosis the peripheral blood circulation | [Kalibracja metrologicznych charakterystyk wielospektralnego urządzenia fotopletyzmoграфicznego do diagnostyki obwodowego przepływu krwi]// Przegląd Elektrotechniczny. - 2017. - № 93(5). - C. 79-84
212. **Azarov, O.D., Krupelnitskiy, L.V., Komada, P., (...), Askarova, N., Sagymbekova, A.** AD systems for processing of low frequency signals based on self calibrate ADC and DAC with weight redundancy | [Systemy analogowo-cyfrowe do przetwarzania sygnałów niskoczęstotliwościowych

oparte na samokalibrującym się przetworniku analogowo-cyfrowym i cyfrowo analogowym z redundancją wagi]//Przegląd Elektrotechniczny. - 2017. - № 93(5). - C. 125-128

213. **Vyatkin, S.I., Romanyuk, A.N., Pavlov, S.V., (...), Wójcik, W., Kotyra, A.** Fast ray casting of function-based surfaces | [Szybkie rzutowanie powierzchni opisanych za pomocą funkcji]//Przegląd Elektrotechniczny. - 2017. - № 93(5). - C. 83-86
214. **Kostishyn, S.V., Tymchyk, S.V., Bachynskyi, M.V., (...), Kazbekova, A., Surtel, W.** Ways and possibilities of creating medical information systems based on OLAP-technology | [Sposoby i możliwości tworzenia medycznych systemów informatycznych w oparciu o technologię OLAP]//Przegląd Elektrotechniczny. - 2017. - № 93(5). - C. 110-113
215. **Studeniyak, I., Izai, V., Studeniyak, V., (...), Ławicki, T., Gurov, E.** Influence of structural disorder on the optical properties of non-stoichiometric Cu₆Ps₅I-based thin films//Proceedings of SPIE - The International Society for Optical Engineering. - 2017. - P. 10445,104454Z