

**Публикации сотрудников СГМУ, индексируемые в международных
информационно-аналитических системах Scopus, Web of Science за 2019 г.**

1. Afanaseva, G.A., Polukonova, N.V., Avramets, O.A., Ivlichev, A.V., Dmitrienko, E.A./ The influence of plant extracts on the viscosity of blood and the oxidative status of animals with experimental liver cancer(Article)// Medical News of North Caucasus.- Volume 14.- Issue 3.- 2019.- Pages 539-541.
2. Agranovich, I., Borisova, E., Navolokin, N., Bucharskaya, A., Maslyakova, G., Shirokov, A., Abdurashitov, A., Angelov, I., Khorovodov, A., Terskov, A., Mamedova, A., Klimova, M., Semyachkina-Glushkovskaya, O./ Phenomenon of atypical vascular effects of epinephrine and an increase of photodynamic response by nitroglycerin in rats with colon adenocarcinoma: Adrenergic and nitrenergic mechanisms and novel applied aspects// (2019) Biomedical Optics Express.- 10 (8).- pp. 4115-4125. - DOI: 10.1364/BOE.10.004115.
3. Agranovich, I., Khorovodov, A., Kanevsky, M., Genova-Hristova, T., Gisbrecht, A., Angelov, I., Mantareva, V., Navolokin, N., Semyachkina-Glushkovskaya, O., Borisova, E./ Detection of stress-induced gastrointestinal lesions using Al-phythalocyanines in experimental animals// 2019.- Proceedings of SPIE - The International Society for Optical Engineering.- 11047.- статья № 1104709.- DOI: 10.1117/12.2516336.
4. Agranovich, I., Khorovodov, A., Mamedova, A., Shnitenkova, A., Shimanova, V., Navolokin, N., Vashenko, T., Kanevsky, M., Galitskaya, A., Konnova, S., Borisova, E., Semyachkina-Glushkovskaya, O./ Photodynamic diagnostics for stomach cancer detection in stress modeled lesions in vivo// 2019.- Progress in Biomedical Optics and Imaging - Proceedings of SPIE.- 11065.- статья № 110650B.- DOI: 10.1117/12.2520148.
5. Akulova, A.I., Rebrov, A.P., Sh, E., Gaydukova, I.Z./ Validation of the Russian-language version of the ASAS health index [Валидация русскоязычной версии индекса здоровья ASAS]// 2019.- Nauchno-Prakticheskaya Revmatologiya.- 57 (3).- pp. 294-298. - DOI: 10.14412/1995-4484-2019-294-298.
6. Andreev, A.V., Frolov, N.S., Pisarchik, A.N., Hramov, A.E./Chimera state in complex networks of bistable Hodgkin-Huxley neurons// 2019.- Physical Review E.- 100 (2).- статья № 022224.- DOI: 10.1103/PhysRevE.100.022224.
7. Andriyanova, E.A., Zavialov, A.I., Raikova, S.V., Suvorov, V.V./ The Input of Medical Societies and Zemstvo Physicians into Development of Sanitary Business in the Saratov Gubernia in the Second Half of XIX - Beginning of XX Centuries// 2019.- Problemy sotsial'noi gigieny, zdravookhraneniia i istorii meditsiny.- 27 (1).- pp. 83-88. - DOI: 10.32687/0869-866X-2019-27-1-83-88.

8. Arutyunov, A.G.^a, Bojcov, S.A.^{b,c}, Viktorova, I.A.^d, Rebrov, A.P.^q, Vlasov, V.V.^e, Moiseev, S.V.^g, Napalkov, D.A.^g, Nevzorova, V.A.ⁿ/ The first Russian consensus on quantitative assessment of treatment outcome(Article)// Medical News of North Caucasus.- Volume 14.- Issue 2.- 2019.- Pages 283-301.
9. Babushkina, I.V., Mamonova, I.A., Ulyanov, V.Y./ Local Treatment of Local Staphylococcal Infection with Complex Preparations Based on Metal Nanoparticles in the Experiment// (2019) Bulletin of Experimental Biology and Medicine.- 167 (6).- pp. 784-786. - DOI: 10.1007/s10517-019-04622-w.
10. Belonogova, Yu.V., Durnova, N.A., Sheremetyeva, A.S./ Effect of lead on polytenic chromosomes from salivary glands of chironomus Plumosus L . And glyptotendipes glaucus MG. (Diptera, Chironomidae)// 2019. - Ecological Genetics.- 17 (2).- pp. 55-62. - DOI: 10.17816/ecogen17255-62.
11. Berezin, K.V., Dvoretiskii, K.N., Chernavina, M.L., Nechaev, V.V., Likhter, A.M., Shagautdinova, I.T., Antonova, E.M., Tuchin, V.V./ Optical Clearing of Human Skin Using Some Monosaccharides in vivo// 2019.- Optics and Spectroscopy.- 127 (2).- pp. 352-358. - DOI: 10.1134/S0030400X19080071.
12. Berezin, K.V., Dvoretzky, K.N., Chernavina, M.L., Nechaev, V.V., Likhter, A.M., Shagautdinova, I.T., Antonova, E.M., Tuchin, V.V./ In vivo optical clearing of human skin under the effect of aqueous solutions of some monosaccharides// 2019.- Journal of Physics: Conference Series.- 1400 (3).- статья № 033018.- DOI: 10.1088/1742-6596/1400/3/033018.
13. Berezin, K.V., Dvoretzky, K.N., Chernavina, M.L., Nechaev, V.V., Lichter, A.M., Smirnov, V.V., Antonova, E.M., Grechukhina, O.N., Kartashov, M.V., Tuchin, V.V./ In vivo optical clearing of human skin under the effect of aqueous solutions of some monosaccharides// 2019.- Progress in Biomedical Optics and Imaging - Proceedings of SPIE.- 11066.- статья № 110661D.- DOI: 10.1117/12.2523317.
14. Berezin, K.V., Dvoretzky, K.N., Chernavina, M.L., Novoselova, A.V., Nechaev, V.V., Antonova, E.M., Shagautdinova, I.T., Likhter, A.M./ The use of Raman spectroscopy and methods of quantum chemistry for assessing the relative concentration of triglycerides of oleic and linoleic acids in a mixture of olive oil and sunflower seed oil// 2019.- Journal of Physics: Conference Series.- 1400 (6).- статья № 066021.- DOI: 10.1088/1742-6596/1400/6/066021.
15. Berezin, K.V., Dvoretzky, K.N., Chernavina, M.L., Novoselova, A.V., Nechaev, V.V., Antonova, E.M., Lichter, A.M., Smirnov, V.V., Grechukhina, O.N., Kartashov, M.V./ The use of theoretical and experimental methods of Raman spectroscopy in the determination of unsaturated fatty acids in vegetable oils// 2019. - Progress in Biomedical Optics and Imaging - Proceedings of SPIE.- 11067, статья № 110670W.- DOI: 10.1117/12.2523319.

16. Berezin, K.V.^a, Dvoretzkii, K.N.^b, Chernavina, M.L.^a, Novoselova, A.V.^a, Nechaev, V.V.^c, Likhter, A.M.^d, Shagautdinova, I.T.^d, Smirnov, V.V.^d, Antonova, E.M.^e, Grechukhina, O.N.^f/ The Use of IR Spectroscopy and Density Functional Theory for Estimating the Relative Concentration of Triglycerides of Oleic and Linoleic Acids in a Mixture of Olive and Sunflower Seed Oils(Article)// Optics and Spectroscopy.- Volume 127.- Issue 6.- 1 December 2019.- Pages 955-961.
17. Berezutsky, M.A.^a, Durnova, N.A.^b, Vlasova, I.A.^b/ Experimental and clinical studies of mechanisms of the anti-aging effects of chemical compounds in Astragalus membranaceus (review)(Article)// Advances in gerontology = Uspekhi gerontologii.- Volume 32.- Issue 5.- 2019.- Pages 702-710.
18. Bogdanova, T.M., Demin, A.S., Lopatkina, A.A., Kosareva, A.V., Zankin, M.A./ The quality of rendering of medical aid to population of rural areas// 2019.- Health Care of the Russian Federation.- 63 (3).- pp. 122-128. - DOI: 10.18821/0044-197X-2019-63-3-122-128.
19. Bondarenko, S.N., Parovichnikova, E.N., Maschan, A.A., Baranova, O.Yu., Shelekhova, T.V., Doronin, V.A., Mel'nichenko, V.Ya., Kaplanov, K.D., Uspenskaya, O.S., Sokolov, A.N., Myakova, N.V., Moiseev, I.S., Markova, I.V., Darskaya, E.I., Smirnova, A.G., Bykova, T.A., Ayubova, B.I., Samorodova, I.A., Babenko, E.V., Barkhatov, I.M., Gindina, T.L., Kulagin, A.D., Afanas'ev, B.V./ Blinatumomab in the treatment of acute lymphoblastic leukemia: Russian multicenter clinical trial// 2019.- Klinicheskaya Onkogematologiya/Clinical Oncohematology.- 12 (2).- pp. 145-153. - DOI: 10.21320/2500-2139-2019-12-2-145-153.
20. Borisova, E., Genova, T., Khorovodov, A., Agranovich, I., Kanevskiy, M., Konnova, S., Angelov, I., Mantareva, V., Navolokin, N., Semyachkina-Glushkovskaya, O./ ALA/PpIX photodiagnosis of stress-induced gastrointestinal primary tumors and metastases in experimental animals// 2019.- Progress in Biomedical Optics and Imaging - Proceedings of SPIE.- 11079.- статья № 110790N.- DOI: 10.1117/12.2526847.
21. Borisova, E., Khorovodov, A., Agranovich, I., Mamedova, A., Terskov, A., Navolokin, M., Semyachkina-Glushkovskaya, O./ 5-ALA/PpIX fluorescent diagnostics of stressed-induced small and large intestine neoplasia in laboratorial rats in vivo// 2019.- Progress in Biomedical Optics and Imaging - Proceedings of SPIE.- 11065.- статья № 1106504.- DOI: 10.1117/12.2523945. БОЛГАРИЯ
22. Borisova, E.^{a,b}, Genova, T.^a, Khorovodov, A.^b, Agranovich, I.^b, Kanevskiy, M.^b, Konnova, S.^b, Angelov, I.^c, Mantareva, V.^c, Navolokin, N.^d, Semyachkina-Glushkovskaya, O.^b/ ALA/PpIX photodiagnosis of stress-induced gastrointestinal primary tumors and metastases in experimental animals(Conference Paper)// Optics InfoBase Conference Papers.- Volume Part F142-ECBO

- 2019.- 2019.- European Conference on Biomedical Optics.- ECBO_2019.- Munich.- Netherlands.- 23 June 2019 до 25 June 2019.- Код 142118.
23. Borodulin, V.B., Matasov, A.D., Goroshinskaya, I.A., Okunev, I.S., Petrov, S.N., Drozdova, N.F., Kachesova, P.S., Losev, O.E., Bobyleva, E.V., Zlatnik, E.Y., Chebotareva, E.G., Lazarenko, Y.S., Bobylev, A.V., Borodulina, E.V./ PHYSICOCHEMICAL AND BIOLOGICAL PROPERTIES OF ASSOCIATES OF COPPER NANOPARTICLES// 2019.- Nanotechnologies in Russia.- 14 (1-2).- pp. 74-81. - DOI: 10.1134/S1995078019010038.
24. Borovkova, E., Ishbulatov, Y., Kiselev, A., Tankanag, A., Krasnikov, G., Karavaev, A./ Synchronization of the process of autonomous regulation of blood circulation with low-frequency components of the laser Doppler flowmetry signal// (2019) 2019 3rd School on Dynamics of Complex Networks and their Application in Intellectual Robotics, DCNAIR 2019.- pp. 36-38.- DOI: 10.1109/DCNAIR.2019.8875594.
25. Borovkova, E.I., Chernets, E.P., Ishbulatov, Y.M., Skazkina, V.V., Gridnev, V.I., Mironov, S.A., Karavaev, A.S./ Experimental observation of Arnold tongues in the analysis of the signal from contour of the autonomous regulation of heart rate and respiration// (2019) 2019 3rd School on Dynamics of Complex Networks and their Application in Intellectual Robotics,- DCNAIR 2019.- pp. 32-35.- DOI: 10.1109/DCNAIR.2019.8875556.
26. Brill, G.E., Egorova, A.V., Bugaeva, I.O., Postnov, D.E., Ushakova, O.V./ The influence of low-intensity electromagnetic field on the process of self-organization of linker histone H1// 2019.- Progress in Biomedical Optics and Imaging - Proceedings of SPIE.- 11067.- статья № 110670V.- DOI: 10.1117/12.2522645.
27. Chekhonatsky, A.A.^a, Komleva, N.E.^b, Chekhonatsky, V.A.^c, Lymarev, M.V.^a, Veretelnikova, Y.Y.^a/ Possibilities of low-intensity laser irradiation of blood and aspects of evidence of its effectiveness in the treatment of contusion foci and intracranial hematomas of small volume(Review)// Medical News of North Caucasus.- Volume 14.- Issue 3.- 2019.- Pages 557-560.
28. Chernyshova, M.P., Pristenskiy, D.V., Lozbiakova, M.V., Chalyk, N.E., Bandaletova, T.Y., Petyaev, I.M./ Systemic and skin-targeting beneficial effects of lycopene-enriched ice cream: A pilot study// 2019.- Journal of Dairy Science.- 102 (1).- pp. 14-25. - DOI: 10.3168/jds.2018-15282. АНГЛИЯ
29. Churakov, A.A., Bezrukov, E.A., Dolgov, A.B., Butnaru, D.V., Martirosyan, G.A., Zakharova, N.B., Popkov, V.M./ Use of local baroimpulse therapy for the treatment of patients with chronic abacterial prostatitis/chronic pelvic pain syndrome and erectile dysfunction// 2019.- Urologiia.- 2019 (3).- pp. 101-113. - DOI: 10.18565/urology.2019.3.108-113.

30. Danilina, N.I./ The national and the international in slavic linguistic terminology//2019.- Vestnik Tomskogo Gosudarstvennogo Universiteta.- Filologiya.- 61.- pp. 20-36. - DOI: 10.17223/19986645/61/2.
31. Daurov, S., Potemkin, S., Kumova, S., Kamenskikh, T., Kolbenev, I., Chernyshkova, E./ Computer analysis of geometrical parameters of the retina epiretinal membrane// 2019.- Studies in Systems.- Decision and Control.- 199.- pp. 185-198. - DOI: 10.1007/978-3-030-12072-6_17.
32. Deryugina, L.A., Bolotova, N.V., Raigorodskaya, N.Y./ Diagnostic strategy of the pediatric urologist-andrologist when examining a newborn with sex differentiation disorders(Article)// Urologiia.- Volume 2019.- Issue 6.- November-December 2019.- Pages 170-173.
33. Doroshenko, A.A., Guseva, M.A., Postelga, A.E., Usanov, D.A., Barylnik, Y.B./ The use of videoculography in schizophrenia/ 2019.- Zhurnal Nevrologii i Psichiatrii imeni S.S. Korsakova.- 119 (3).- pp. 39-42. - DOI: 10.17116/jnevro201911903139.
34. Doubrovski, V.A., Dvoretzki, C.N., Markov, S.V., Karpocheva, E.P., Tuchin, V.V./ Optical Digital Registration of Erythrocyte Sedimentation and Its Modeling in the Form of the Collective Process// 2019.- Optics and Spectroscopy.- 126 (5).- pp. 595-606. - DOI: 10.1134/S0030400X19050084.
35. Dyomin, A., Galkina, S., Fillon, V., Cauet, S., Lopez-Roques, C., Rodde, N., Klopp, C., Vignal, A., Sokolovskaya, A., Saifitdinova, A., Gaginskaya, E./ Structure of the intergenic spacers in chicken ribosomal DNA// - 2019.- Genetics Selection Evolution.- 51 (1).- статья № 59.- DOI: 10.1186/s12711-019-0501-7.
36. Eliseeva, I.V./ The medical social aspects of adolescents' health maintenance// 2019.- Problemy sotsial'noi gigieny, zdravookhraneniia i istorii meditsiny.- 27 (2).- pp. 113-117. - DOI: 10.32687/0869-866X-2019-27-2-113-117.
37. Eliseeva, Y.V., Pichugina, N.N., Eliseev, Y.Y./ Sociomedical and behavioral risk factors for body weight disorders in medical students(Article)// Profilakticheskaya Meditsina.- Volume 22.- Issue 6.- Special Issue 2.- 2019.- Pages 61-71.
38. Elkina, A.Yu., Akimova, N.S., Schwartz, Yu.G., Martynovich, T.V., Fedotov, E.A./ Vascular control parameters and gene polymorphism associated with cardiovascular risk in young and relatively healthy individuals// (2019) Cardiovascular Therapy and Prevention (Russian Federation).- 18 (2).- pp. 45-50. - DOI: 10.15829/1728-8800-2019-2-45-50.
39. Erdes, Sh.F., Rebrov, A.P., Dubinina, T.V., Badokin, V.V., Bochkova, A.G., Bugrova, O.V., Gaydukova, I.Z., Godzenko, A.A., Dubikov, A.A., Ivanova, O.N., Korotaeva, T.V., Lapshina, S.A., Nesmeyanova, O.B., Nikishina, I.P., Otteva, E.N., Raskina, T.A., Rummyantseva, O.A., Sitalo, A.V., Smirnov, A.V./ Spondyloarthritis: Modern terminology and definitions

- [Спондилоартриты: современная терминология и определения]// 2019.- *Terapevticheskiy Arkhiv.* - 91 (5).- pp. 84-88. - DOI: 10.26442/00403660.2019.05.000208.
40. Fedonnikov, A.S./ The on-line communication in organization of rehabilitation of patients of traumatological orthopedic profile// 2019.- *Problemy sotsial'noi gigieny, zdravookhraneniia i istorii meditsiny.*- 27 (6).- pp. 1064-1069. - DOI: 10.32687/0869-866X-2019-27-6-1064-1069.
41. Feodorova, V.A., Zaitsev, S.S., Saltykov, Y.V., Sultanakhmedov, E.S., Bakulev, A.L., Ulyanov, S.S., Motin, V.L./ An asymptomatic patient with Fatal infertility carried a swedish strain of *Chlamydia trachomatis* with additional deletion in the plasmid orf1 that belonged to a different MLST sequence type// 2019.- *Microorganisms.*- 7 (7).- статья № 187.- DOI: 10.3390/microorganisms7070187. СИА
42. Filippova, N.V., Baryl'nik, Y.B., Shuldyakov, A.A., Antonova, A.A./ Agomelatine in the treatment of major depressive disorder: Assessment of the efficacy and tolerability// 2019.- *Zhurnal Nevrologii i Psihiatrii imeni S.S. Korsakova.*-119 (5).- pp. 154-161. - DOI: 10.17116/jnevro2019119051154.
43. Filippova, N.V., Baryl'nik, Y.U.J.B., Shuldyakov, A.A./ The efficacy of remaxol as a hepatoprotective agent in long-term psychopharmacotherapy// 2019.- *Zhurnal Nevrologii i Psihiatrii imeni S.S. Korsakova.*- 119 (4).- pp. 43-46. - DOI: 10.17116/jnevro201911901143.
44. Gaidukova, I.Z., Akulova, A.I., Rebrov, A.P., Bochkova, A.G., Startsev, S.Ya., Erdes, Sh., Gaidukova, E.K., Poddubny, D.A./ Adaptation of the Russian version of the asas health index// 2019.- *Nauchno-Prakticheskaya Revmatologiya.*- 57 (1).- pp. 56-61. - DOI: 10.14412/1995-4484-2019-56-61.
45. Gamidov, S.I., Popkov, V.M., Shatylko, T.V., Ovchinnikov, R.I., Korolev, A.Y., Popova, A.Y., Gasanov, N.G./ Erectile function after corporoplasty in patients with peyronie's disease// 2019.- *Urologiia.*- 2019 (4).- pp. 80-84. - DOI: 10.18565/urology.2019.4.80-84.
46. Gaydukova, I.Z., Bichurina, D.M., Popova, Y.R., Rebrov, A.P./ Anti-Inflammatory Treatment in Chronic Back Pain// 2019.- *Neuroscience and Behavioral Physiology.*- 49 (2).- pp. 275-279. - DOI: 10.1007/s11055-019-00726-y.
47. Genina, E.A.^{a,b}, Bashkatov, A.N.^{a,b}, Tuchina, D.K.^{a,b,c}, Dyachenko, P.A.^{a,b}, Navolokin, N.^d, Shirokov, A.^e, Khorovodov, A.^a, Terskov, A.^a, Klimova, M.^a, Mamedova, A.^a, Blokhina, I.^a, Agranovich, I.^a, Zinchenko, E.^a, Semyachkina-Glushkovskaya, O.V.^a, Tuchin, V.V.^{a,b,f}/ Optical properties of brain tissues at the different stages of glioma development in rats: Pilot study(Article)// *Biomedical Optics Express.*- Volume 10.- Issue 10.- 1 October 2019.- Pages 5183-5197.

48. Golyadkina, A.A.^a, Polienko, A.V.^a, Kireev, S.I.^{a,b}, Kurmanov, A.G.^c, Kireev, V.S.^d/ Analysis of biomechanical parameters of the first metatarsal bone osteotomy(Article)// Russian Journal of Biomechanics.- Volume 23.- Issue 3.- 2019.- Pages 341-350.
49. Golyadkina, A.A.^a, Polienko, A.V.^a, Kireev, S.I.^{a,b}, Levchenko, K.K.^{a,b}, Protcko, V.G.^c, Kireev, V.S.^c// Development of personalized osteotomy technique for the first metatarsal bone(Conference Paper)//Progress in Biomedical Optics and Imaging - Proceedings of SPIE.- Volume 11229.- 2019.- Номер статьи 112291U.- Advanced Biomedical and Clinical Diagnostic and Surgical Guidance Systems XVIII 2020.- San Francisco.- United States.- 2 February 2020 до 4 February 2020.- Код 159057.
50. Grigoryeva, E.V., Senichkina, M.N., Maiorova, A.A., Kiseleva, O.A./ Difficulties in diagnosing the syndrome of "aorto-mesenteric tweezers" (nutcracker syndrome) in a patient with macrohematuria// 2019.- Terapevticheskii Arkhiv.- 91 (6).- pp. 100-102. - DOI: 10.26442/00403660.2019.06.000161.
51. Grubov, V., Badarin, A., Schukovsky, N., Kiselev, A./ Brain-computer interface for post-stroke rehabilitation// -2019- Cybernetics and Physics.- 8 (4).- pp. 251-256. - DOI: 10.35470/2226-4116-2019-8-4-251-256.
52. Ilyina, N.I., Edin, A.S., Astafieva, N.G., Lopatin, A.S., Sidorenko, I.V., Ukhanova, O.P., Khanova, F.M./ Efficacy of a Novel Intranasal Formulation of Azelastine Hydrochloride and Fluticasone Propionate, Delivered in a Single Spray, for the Treatment of Seasonal Allergic Rhinitis: Results from Russia// 2019.- International Archives of Allergy and Immunology.- 178 (3).- pp. 255-263. - DOI: 10.1159/000494507.
53. Ionova, T.I.^a, Afanasyev, B.V.^b, Amdiev, A.A.^c, Andrievskikh, M.I.^d, Baryakh, E.A.^e, Vasiliev, E.V.^f, Chang, V.L.^o, Shelekhova, T.V.^r, Sherstnev, D.G.^r/ Quality of life and clinical response to brentuximab vedotin in patients with relapsed/refractory hodgkin lymphoma (RR HL) in the real-world setting// Cellular Therapy and Transplantation.- Volume 8.- Issue 3.- 2019.- Pages 53-56.
54. Ivanov, A.N., Saveleva, M.S., Kozadaev, M.N., Matveeva, O.V., Sal'kovskiy, Y.E., Lyubun, G.P., Gorin, D.A., Norkin, I.A./ New Approaches to Scaffold Biocompatibility Assessment// (2019) BioNanoScience.- 9 (2).- pp. 395-405. - DOI: 10.1007/s12668-019-00613-3.
55. Ivanov, A.N., Saveleva, M.S., Kurtukova, M.O., Kustodov, S.V., Gladkova, E.V., Blinnikova, V.V., Babushkina, I.V., Parakhonskiy, B.V., Ulyanov, V.Y., Norkin, I.A./ Particularities of Bone Regeneration in Rats after Implantation of Polycaprolactone Scaffold Mineralized with Vaterite with Adsorbed Tannic Acid// (2019) Bulletin of Experimental Biology and Medicine.- 167 (2).- pp. 275-278. - DOI: 10.1007/s10517-019-04508-x.

56. Kamenskih, T.G. / A differentiated approach to analysis of retinal fluid and assessment of its effect on anti-VEGF therapy of neovascular age-related macular degeneration(Article)// Vestnik Oftalmologii.- Volume 135.- Issue 6.- 2019.- Pages 134-140.
57. Karavaev, A., Skazkina, V., Ishbulatov, Y., Borovkova, E./ Application of the coupling detection to the analysis of the low-frequency rhythms in the autonomic control of circulation// 2019.- Cybernetics and Physics.- 8 (3).- pp. 128-131. - DOI: 10.35470/2226-4116-2019-8-3-128-131.
58. Karavaev, A.S., Borovkova, E.I., Runnova, A.E., Kiselev, A.R., Zhuravlev, M.O., Ponomarenko, V.I., Prokhorov, M.D., Koronovskii, A.A., Hramov, A.E./ Experimental Observation of the Self-Oscillatory Dynamics of the Regulation Contours of the Cardiovascular System// 2019.- Radiophysics and Quantum Electronics.- 61 (8-9).- pp. 681-688. - DOI: 10.1007/s11141-019-09928-3.
59. Karavaev, A.S., Ishbulatov, Yu.M., Ponomarenko, V.I., Bezruchko, B.P., Kiselev, A.R., Prokhorov, M.D./ Autonomic control is a source of dynamical chaos in the cardiovascular system// (2019) Chaos. - 29 (12). - DOI: 10.1063/1.5134833.
60. Karavaev, A.S., Kiselev, A.R., Borovkova, E.I., Popova, Y.V., Gridnev, V.I., Shvartz, V.A., Posnenkova, O.M./ Dynamics of Low-Frequency Components of Photoplethysmogram Signals in Hypertension// (2019) 2019 3rd School on Dynamics of Complex Networks and their Application in Intellectual Robotics.- DCNAIR 2019.-pp. 69-70. - DOI: 10.1109/DCNAIR.2019.8875606.
61. Karoli, N.A., Borodkin, A.V., Rebrov, A.P./ Features of the clinic and diagnosis of chronic heart failure in patients with chronic obstructive pulmonary disease [Особенности клиники и диагностики хронической сердечной недостаточности у больных хронической обструктивной болезнью лёгких]// 2019.- Kardiologiya.- 59.- pp. 47-55. - DOI: 10.18087/cardio.2486.
62. Karoli, N.A., Rebrov, A.P./ Endothelial dysfunction in patients with chronic obstructive pulmonary disease in combination with coronary heart disease// 2019.- Terapevticheskii Arkhiv.- 91 (3).- pp. 22-26. - DOI: 10.26442/00403660.2019.03.000061.
63. Kazantsev, A.V.^{a,b}, Osina, N.A.^a, Glinskaya, T.O.^c, Kosheleva, O.N.^c, Maksimov, Y.V.^c, Devdariani, Z.L.^a, Mikerov, A.N.^b/ Virulence factors and phylogenetic characteristics of uropathogenic Escherichia coli strains isolated in saratov(Article)// Problemy Osobo Opasnykh Infektsii.- Volume 2019.- Issue 4.- 2019.- Pages 56-60.
64. Kazimirova, N.E., Artemiev, A.M., Amirova, Z.R., Zlatorev, A.M./ Problems of diagnostics of tuberculosis in the patients with various co-morbidities// 2019.- Tuberculosis and Lung Diseases.- 97 (6).- pp. 61-62. - DOI: 10.21292/2075-1230-2019-97-6-61-62.

65. Khorev, V., Zhuravlev, M., Borovkova, E., Ishbulatov, Y., Gridnev, V., Karavaev, A./ Assymetry of coupling between the P3 and P4 electroencephalographic leads during the motions// (2019) 2019 3rd School on Dynamics of Complex Networks and their Application in Intellectual Robotics.- DCNAIR 2019.- pp. 74-75. -DOI: 10.1109/DCNAIR.2019.8875534.
66. Khorev, V.S., Maksimenko, V.A., Pitsik, E.N., Runnova, A.E., Kurkin, S.A., Hramov, A.E./ Analysis of motor activity using electromyogram signals// 2019.- Informatsionno-Upravliaiushchie Sistemy.- (3).- pp. 114-120. - DOI: 10.31799/1684-8853-2019-3-114-120.
67. Kiselev, A.R., Borovkova, E.I., Simonyan, M.A., Ishbulatov, Y.M., Ispiryan, A.Yu., Karavaev, A.S., Navrotskaya, E.V., Shvartz, V.A./ Autonomic control of cardiorespiratory coupling in healthy subjects under moderate physical exercises// 2019.- Russian Open Medical Journal.- 8 (4).- статья № e0403.- .DOI: 10.15275/rusomj.2019.0403.
68. Kiselev, A.R., Korotin, A.S., Posnenkova, O.M., Popova, Y.V., Prokhorov, M.D., Gridnev, V.I./ Discrepancy between the European clinical guidelines and myocardial revascularization in patients with stable coronary artery disease in Russia// 2019.- International Journal for Quality in Health Care.- 31 (4).- pp. 269-275. - DOI: 10.1093/intqhc/mzy140.
69. Kiselev, A.R., Maksimenko, V.A., Shukovskiy, N., Pisarchik, A.N., Pitsik, E., Hramov, A.E./ Post-stroke rehabilitation with the help of brain-computer interface// (2019) 2019 3rd School on Dynamics of Complex Networks and their Application in Intellectual Robotics, DCNAIR 2019.- pp. 83-84. - DOI: 10.1109/DCNAIR.2019.8875615.
70. Klimovich, L.V., Suvorov, V.V./ The spread of tuberculosis in the student milieu of Russian emigrants in Czechoslovakia in the 1920s: Statistics, control measures, outcomes// 2019.- Russian Open Medical Journal.- 8 (4).- статья № e0414.- DOI: 10.15275/rusomj.2019.0414.
71. Kloktunova, N.A., Solovyova, V.A., Barsukova, M.I., Mikhailovich, K.A./ The study of the cognitive processes of students in the search for educational information on the screen [Изучение когнитивных процессов обучающихся при поиске образовательной информации на экране]// 2019.- Perspektivy Nauki i Obrazovania.- 39 (3).- pp. 326-340. - DOI: 10.32744/pse.2019.3.25.
72. Koczkodaj, W.W., Masiak, J., Mazurek, M., Strzałka, D., Zabrodskii, P.F./ Massive health record breaches evidenced by the office for civil rights data// 2019.- Iranian Journal of Public Health.- 48 (2).- pp. 278-288.
73. Kolesnikova, A.S., Fedonnikov, A.S., Kirillova, I.V., Teremshonok, A.V., Kudyashev, A.L., Shulga, A.E., Ulyanov, V.Y., Kossovich, L.Y./ Geometric planning in vertebral and pelvic complex surgery: Sufficient number of evaluating parameters proving// 2019. - Progress in Biomedical Optics and Imaging - Proceedings of SPIE.- 10868.- статья № 108681H.- DOI: 10.1117/12.2505469.

74. Kolesnikova, A.S., Mazepa, M.M., Ivanov, E., Morozov, K.M., Ostrovsky, N.V./ Coating carbon nanotube/graphene hybrids with phospholipids// 2019.- Progress in Biomedical Optics and Imaging - Proceedings of SPIE.- 10893.- статья № 108930N.- DOI: 10.1117/12.2505471.
75. Kolesnikova, A.S.^{a,b}, Fedonnikov, A.S.^{a,b}, Rozhkova, Y.Y.^{a,b}, Ulyanov, V.Y.^{a,b}, Bessonov, L.V.^{a,b}, Kossovich, L.Y.^{a,b} / Functionality of decision support system for spine and pelvic complex pathology: Needs of orthopedic surgeons(Conference Paper)// Progress in Biomedical Optics and Imaging - Proceedings of SPIE.- Volume 11229.- 2019.- Номер статьи 112291K.- Advanced Biomedical and Clinical Diagnostic and Surgical Guidance Systems XVIII 2020.- San Francisco.- United States.- 2 February 2020 до 4 February 2020.- Код 159057.
76. Komkova, G.N., Basova, A.V./ Gender problems in newborns: Social, medical and legal aspects [Проблемы определения пола у новорожденных: социальный, медицинский и юридический аспекты]// 2019.- Rossiyskiy Vestnik Perinatologii i Pediatrii.- 64 (2).- pp. 124-128. - DOI: 10.21508/1027-4065-2019-64-3-124-128.
77. Komleva, N.E.^a, Yakovlev, N.M.^a, Danilov, A.N.^a, Chekhonatsky, A.A.^b, Terpeeva, J.A.^b, Badavi, A.K.M./ Quantitative characteristic of intervertebral discs in age aspect(Article)// Medical News of North Caucasus.- Volume 14.- Issue 3.- 2019.- Pages 494-496.
78. Konshina, L., Trufanova, Y., Maiskova, E., Korsunova, E., Shvarts, Y./ The importance of anxiety-depressive disorders and infectious- inflammatory factors in development of coronary heart disease// 2019.- Kardiologiya v Belarusi.- 11 (2).- pp. 282-295.
79. Korshever, N.G.^a, Pomoshnikov, S.N.^b/ The study of manageability of medical organizations(Article)// Problemy sotsial'noi gigieny, zdravookhraneniia i istorii meditsiny.- Volume 27.- Issue 6.- 1 November 2019.- Pages 1075-1079.
80. Korshunova, G.A., Shul'Ga, A.E., Zaretskov, V.V., Smol'Kin, A.A./ Functional state of spinal cord and its radices in patients with thoracic and lumbar spine injuries// 2019.- Zhurnal Nevrologii i Psikiatrii imeni S.S. Korsakova.- 119 (2).- pp. 44-48. - DOI: 10.17116/jnevro201911902144.
81. Kosheleva, N.A., Nikitina, N.M., Andreeva, E.Yu./ Case of a combination of lupus erythematosus, antiphospholipid syndrome and myocardial infarction [Случай редкого сочетания системной красной волчанки, антифосфолипидного синдрома и инфаркта миокарда]// 2019.- Kardiologiya.- 59 (12).- pp. 92-96. - DOI: 10.18087/cardio.2019.12.n610.
82. Kossovich, L.Yu.^a, Kharlamov, A.V.^a, Lysunkina, Yu.V.^a, Shulga, A.E.^b/ Mathematical modeling and prediction of the effectiveness of surgical treatment in surgery of the spine and pelvic complex(Article)// Vestnik Samarskogo Gosudarstvennogo Tekhnicheskogo Universiteta, Seriya Fiziko-Matematicheskie Nauki.- Volume 23.- Issue 4.- 2019.- Pages 744-755.

83. Kotel'nikova, E.V., Posnenkova, O.M./ Functional model of organization of remote cardiological rehabilitation on the basis of internet- And mobile technologies// 2019.- Health Care of the Russian Federation.- 63 (2).- pp. 66-72. - DOI: 10.18821/0044-197X-2019-63-2-66-72.
84. Kryuchkov, I.A., Chekhonatskaya, M.L., Rossolovsky, A.N., Kondrat'eva, O.A., Nikolenko, V.N., Chekhonatskiy, A.Z., Bobylev, D.A., Churakov, A.A., Kondrat'eva, D.A./ Comparative analysis of computed tomography and magnetic resonance imaging in detecting metastatic bone lesions in renal cell carcinoma// 2019.- Russian Electronic Journal of Radiology.- 9 (2).- pp. 130-132. - DOI: 10.21569/2222-7415-2019-9-2-130-132.
85. Kulminskiy, D.D., Ponomarenko, V.I., Prokhorov, M.D., Hramov, A.E./ Synchronization in ensembles of delay-coupled nonidentical neuronlike oscillators// 2019.- Nonlinear Dynamics.- 98 (1).- pp. 735-748. - DOI: 10.1007/s11071-019-05224-x.
86. Levchenko, K.K.^a, Grishin, S.E.^b, Ulianov, V.I.^c/ Professor Oleg V. Beydik: Marking the 55th birth anniversary (05.06.1964 - 27.07.2010)(Review)// Genij Ortopedii.- Volume 25.- Issue 3.- 2019.- Pages 435-438.
87. Lun'kov, A.E., Kovalev, D.G., Shestopalova, N.B., Fomina, Y.A./ Determination of High-Frequency Conductivity of NaCl and KCl Solutions on the Basis of Their Heating Rate by Electric Field with the Frequency of 27 MHz// 2019.- Russian Journal of Electrochemistry.- 55 (3).- pp. 229-235. - DOI: 10.1134/S1023193519020046.
88. Lun'kov, A.E., Kovalev, D.G./ Dispersion of Water Conductivity in the Frequency Range of 10^4 – 10^6 Hz(Article)//Russian Journal of Electrochemistry.- Volume 55.- Issue 12.- 1 December 2019.- Pages 1246-1250.
89. Lyamina, N.P., Karpova, E.S./ Concept of choosing of physical rehabilitation programs for patients with coronary artery disease// (2019) Cardiovascular Therapy and Prevention (Russian Federation).- 18 (2).- pp. 13-19. - DOI: 10.15829/1728-8800-2019-2-13-19.
90. Lyapina, E.P., Shuldyakov, A.A., Sofina, A.V., Evdokimov, A.V., Nurpeisova, A.K./ Chronic brucellosis: Improvement of therapy// 2019.- Infektsionnye Bolezni,-17 (3).- pp. 39-47. - DOI: 10.20953/1729-9225-2019-3-39-47.
91. Malinova, L.I., Dolotovskaya, P.V., Puchinyan, N.F., Furman, N.V./ Intrahospital switch of the P2Y12 inhibitors in patients with ST segment elevation myocardial infarction in 'real-life' clinical practice: The effect on the functional activity of thrombocytes and thrombocytopoiesis, prognostic value// (2019) Cardiovascular Therapy and Prevention (Russian Federation).- 18 (4).- pp. 25-32. - DOI: 10.15829/1728-8800-2019-4-25-32.
92. Mikhailova, E.V., Malyugina, T.N., Levin, D.Y., Serdyukov, A.Y., Matveeva, M.A., Zheleznikov, P.A., Malinina, N.V./ Experience of the recombinant interferon-based medication

- for the prevention of acute respiratory viral infections during seasonal outbreaks(Article)//
Voprosy Prakticheskoi Pediatrii.- Volume 14.- Issue 6.- 2019.- Pages 78-82.
93. Mikhaylova, E.V., Levin, D.Y., Karalsky, S.A., Malyugina, T.N./ Clinical and epidemiological characteristics of enterovirus infection in children in saratov region// 2019.- Infektsionnye Bolezni.- 17 (1).- pp. 67-71. - DOI: 10.20953/1729-9225-2019-1-67-71.
94. Mikhaylova, E.V., Levin, D.Y., Serdyukov, A.Y., Matveeva, M.A., Zheleznykov, P.A./ Efficacy of antiviral therapy in combination treatment of acute respiratory viral infections in children// 2019.- Voprosy Prakticheskoi Pediatrii.- 14 (4).- pp. 68-72. -DOI: 10.20953/1817-7646-2019-4-68-72.
95. Mironov, S.A., Shvartz, V.A., Ishbulatov, Y.M., Skazkina, V.V., Karavaev, A.S., Gridnev, V.I., Bockeria, O.L., Kiselev, A.R./ Dynamics of spectral indices of the heart rate variability and the photoplethysmogram and synchronization of the low-frequency oscillations in healthy subjects during the tilt test// 2019.- Progress in Biomedical Optics and Imaging - Proceedings of SPIE.- 11067.- статья № 110670H.- DOI: 10.1117/12.2522805.
96. Morozova, O.L., Morozov, D.A., Lakomova, D.Y., Maltseva, L.D., Morozov, D.D./ Prevention of perioperative complications in children with congenital uropathies// 2019.- Urologiia.- 2019 (4).- pp. 85-90. - DOI: 10.18565/urology.2019.4.85-90.
97. Morozova, O.L., Morozov, D.A., Lakomova, D.Y., Severgina, L.O., Maltseva, L.D., Morozov, K.D./ Predictors of perioperative complications in children with obstructive uropathy// 2019.- Urologiia (Moscow, Russia : 1999).- (5).- pp. 98-104. .
98. Morozova, T.I., Otpuschennikova, O.N./ Experience of using rifapentine in continuation phase of treatment of adult tuberculosis cases// 2019.- Tuberculosis and Lung Diseases.- 97 (6).- pp. 31-35. - DOI: 10.21292/2075-1230-2019-97-6-31-35.
99. Morrison, V.V., Bozhedomov, A.Yu./ Dynamics of hemostasis parameters and endothelial dysfunction markers in patients with thermal injury// (2019) Bulletin of Russian State Medical University.- 8 (2).- pp. 65-69. - DOI: 10.24075/brsmu.2019.021.
100. Myasoedova, E.I., Schwarz, Y.G., Polunina, O.S., Voronina, L.P./ Influence of concomitant chronic obstructive pulmonary disease on left ventricular-arterial interaction in patients with ischemic cardiomyopathy// 2019.- Russian Journal of Cardiology.- 24 (2).- pp. 38-43. - DOI: 10.15829/1560-4071-2019-2-38-43.
101. Myasoedova, E.I., Voronina, L.P., Polunina, O.S., Shvarts, Yu.G./ Indicators of the left ventricular-arterial coupling interaction in chronic forms of ischemic heart disease: Relationships of the proadrenomedullin and N-terminal probrain natriuretic peptide [Показатели левожелудочково-артериального взаимодействия при хронических формах ишемической болезни сердца: связь с уровнями проадреномедулина и N-концевого предшественника

- мозгового натрийуретического пептида типа B]// 2019.- Kardiologiy.- 59.-pp. 41-50. - DOI: 10.18087/cardio.2627.
102. Nasonov, E.L., Stanislav, M.L., Raskina, T.A., Kuropatkin, G.V., Shirinsky, I.V., Rebrov, A.P., Shostak, N.A., Alikhanov, B.A., Ushakov, E.N., Kamalova, R.G., Smakotina, S.A., Simanenkova, V.I., Pavsun, A.S., Zaharjan, I.I., Yakushin, S.S., Sandin, M.Yu./ Efficacy and safety of sarilumab in combination with methotrexate in patients with active rheumatoid arthritis and inadequate effect of methotrexate monotherapy (results of phase III mobility study) // 2019.- Nauchno-Prakticheskaya Revmatologiya.- 57 (2).- pp. 142-148. - DOI: 10.14412/1995-4484-2019-142-148.
103. Navolokin, N.A., Maslyakova, G.N., Polukonova, N.V., Mudrak, D.A., Bucharskaya, A.B./ The expression of apoptosis and autophagy markers in transplantable rat kidney cancer with the administration of flavonoid-containing hedge hyssop (*Gratiola officinalis* L.) extract// (2019) Arkhiv Patologii.- 81 (1).- pp. 24-30. - DOI: 10.17116/patol20198101124.
104. Navolokin, N.A., Polukonova, N.V., Mudrak, D.A., Myl'nikov, A.M., Baryshnikova, M.A., Khochenkov, D.A., Bucharskaya, A.B., Polukonova, A.V., Maslyakova, G.N./ Advantages and Possibilities of Fluorescence-Based Methods for the Visualization of Apoptosis and Autophagy in Human Tumor Cells in vitro// 2019.- Optics and Spectroscopy.- 126 (6).- pp. 693-702.- DOI: 10.1134/S0030400X19060171.
105. Navrotskaya, E.V.^a, Alipov, V.V.^b, Ishbulatov, Y.M.^b, Bezruchko, B.P.^{a,c}, Zeulina, E.E.^b, Kuligin, A.V.^b, Sadchikov, D.V.^b / Estimating the influence of spinal block and ataractanalgesia on the coupling between the rhythms of autonomic control of heart rate and vascular tone during gynecological operations(Article)// Russian Open Medical Journal.- Volume 8,- Issue 3.- 2019.- Номер статьи 2019.0305.
106. Nazarov, M.M., Cherkasova, O.P., Lazareva, E.N., Bucharskaya, A.B., Navolokin, N.A., Tuchin, V.V., Shkurinov, A.P./ A Complex Study of the Peculiarities of Blood Serum Absorption of Rats with Experimental Liver Cancer// 2019.- Optics and Spectroscopy.- 126 (6).- pp. 721-729. - DOI: 10.1134/S0030400X19060183.
107. Nikolaev, N.A.^a, Martynov, A.I.^b, Skirdenko, Y.P.^a, Drapkina, O.M.^c, Rebrov, A.P.^g, Sajfutdinov, R.I.^h, Sovalkin, V.I.^a, Terent'ev, V.P.ⁱ, Tyurin, V.P.^j/ The first Russian consensus on the quantitative assessment of the adherence to treatment(Article)// Medical News of North Caucasus.- Volume 14.- Issue 3.- 2019.- Pages 424-434.
108. Pakhomy, S.S., Bucharskaya, A.B., Maslyakova, G.N., Zlobina, O.V., Bugaeva, I.O., Navolokin, N.A., Mudrak, D.A., Khlebtsov, B.N., Bogatyrev, V.A., Khlebtsov, N.G./ The Influence of Long-Term Peroral Administration of Gold Nanoparticles with Various Sizes on the

- Liver, Spleen, and Lymph Nodes of Laboratory Rats and Their Progeny// 2019.- Optics and Spectroscopy.- 126 (6).- pp. 681-686. - DOI: 10.1134/S0030400X19060195.
109. Palatova, T.V., Maslyakova, G.N., Chekhonatskaya, M.L., Bucharskaya, A.B., Genina, E.A., Bashkatov, A.N./ Functional and morphological changes in the mother-placenta-fetus system during chronic hypoxia (experimental study)// 2019.- Progress in Biomedical Optics and Imaging - Proceedings of SPIE.- 11065.- статья № 110651W. - DOI: 10.1117/12.2523634.
110. Pavlov, A.N., Grishina, D.S., Runnova, A.E., Maksimenko, V.A., Pavlova, O.N., Shchukovsky, N.V., Hramov, A.E., Kurths, J./ Recognition of electroencephalographic patterns related to human movements or mental intentions with multiresolution analysis// (2019) Chaos.- Solitons and Fractals.- 126,- pp. 230-235. - DOI: 10.1016/j.chaos.2019.06.016. ГЕРМАНИЯ
111. Petrenko, A.P., Castelo-Branco, C., Marshalov, D.V., Salov, I.A., Shifman, E.M./ Ovarian hyperstimulation syndrome. A new look at an old problem// - 2019. - Gynecological Endocrinology. - 35 (8).- pp. 651-656. - DOI: 10.1080/09513590.2019.1592153.
112. Petyaev, I.M., Pristensky, D.V., Morgunova, E.Y., Zigangirova, N.A., Tsibezov, V.V., Chalyk, N.E., Klochkov, V.A., Blinova, V.V., Bogdanova, T.M., Iljin, A.A., Sulkovskaya, L.S., Chernyshova, M.P., Lozbiakova, M.V., Kyle, N.H., Bashmakov, Y.K./ Lycopene presence in facial skin corneocytes and sebum and its association with circulating lycopene isomer profile: Effects of age and dietary supplementation// 2019.- Food Science and Nutrition.- 7 (4).- pp. 1157-1165. - DOI: 10.1002/fsn3.799. АНГЛИЯ
113. Ponomareva, E.Yu.^a, Eliseeva, S.P.^b, Dorogoykina, K.D.^a/ Dilated cardiomyopathy associated with HIV infection(Article)// Kardiologiya.- Volume 59.- Issue 11.- 2019.- Pages 95-100.
114. Popyhova, E.B., Govorunova, T.V., Shirokov, V.Y., Ivanov, A.N./ Gender-related dimorphism of changes in adhesive properties of the vascular wall in the dynamics of surgical treatment of chronic generalized periodontitis [Polovoï dimorfizm izmeneniï adgezivnykh svoïstv sosudistoï stenki v dinamike khirurgicheskogo lecheniia khronicheskogo generalizovannogo parodontita]// 2019.- Stomatologiya.- 98 (5).- pp. 27-31. - DOI: 10.17116/stomat20199805127.
115. Privalova, I.V., Shaidullina, A.R., Zheltukhina, M.R., Grinberg, T.E., Caselles, C.G./ Coerced loss of national colorings - Linguistic issues of virtual team communication// 2019.- XLinguae.- 12 (1).- pp. 151-164. - DOI: 10.18355/XL.2019.12.01.12.
116. Raygorodskaya, N.Y., Bolotova, N.V., Chekhonatskaya, M.L., Polyakov, V.K., Sedova, L.N., Somova, V.A./ Diagnosis of congenital sexual maldevelopment in boys with bilateral inguinal cryptorchidism during minipuberty(Article)// Problemy endokrinologii.- Volume 65.- Issue 4.- 25 December 2019.- Pages 236-242.

117. Raygorodskaya, N.Y., Bolotova, N.V., Polyakov, V.K., Zakharova, N.B., Averyanov, A.P./ Indicators of sexual development of healthy boys in different periods of pituitary-gonadal activity(Article)// *Pediatriya - Zhurnal im G.N. Speranskogo*.- Volume 98.- Issue 6.- November-December 2019.- Pages 91-97
118. Rusetskaya, N.Y., Fedotov, I.V., Koftina, V.A., Borodulin, V.B./ Selenium Compounds in Redox Regulation of Inflammation and Apoptosis// (2019) *Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry*.- 13 (4).- pp. 277-292. - DOI: 10.1134/S1990750819040085.
119. Rusetskaya, N.Y., Fedotov, I.V., Koftina, V.A., Borodulin, V.B./ Selenium compounds in redox regulation of inflammation and apoptosis // (2019).- *Biomeditsinskaya Khimiya*.- 65 (3).- pp. 165-179. - DOI: 10.18097/PBMC20196503165.
120. Salina, T.Y., Morozova, T.I./ Genetic polymorphism and drug resistance of *M. Tuberculosis* isolated from tuberculosis patients of various age residing in Saratov region/ 2019.- *Tuberculosis and Lung Diseases*.- 97 (1).- pp. 66-67. - DOI: 10.21292/2075-1230-2019-97-1-66-67.
121. Savenkova, E.N., Efimov, A.A./The influence of certain factors on the specific features of the injuries inflicted to the children involved in the motor vehicle traffic accidents [Vliianie nekotorykh faktorov na osobennosti povrezhdeniĭ, vznikaiushchikh v usloviakh avtomobil'noĭ travmy u detei-passazhirov]// 2019.- *Sudebno-meditsinskaiia ekspertiza*.- 62 (1).- pp. 4-7. - DOI: 10.17116/sudmed2019620114.
122. Selifonov, A.A., Shapoval, O.G., Mikerov, A.N., Tuchin, V.V./ Determination of the Diffusion Coefficient of Methylene Blue Solutions in Dentin of a Human Tooth using Reflectance Spectroscopy and Their Antibacterial Activity during Laser Exposure// 2019.- *Optics and Spectroscopy*.- 126 (6).- pp. 758-768. - DOI: 10.1134/S0030400X19060213.
123. Selifonov, A.A., Shapoval, O.G., Yuvchenko, S.A., Zimnyakov, D.A., Mikerov, A.N., Tuchin, V.V./ Clinical studies of the combined action of ultraviolet and laser (662 nm) radiation with methylene blue for local therapy of defects of oral mucosa in chronic recurrent aphthous stomatitis// 2019.- *Progress in Biomedical Optics and Imaging - Proceedings of SPIE*.- 11065.- статья № 1106519 - DOI: 10.1117/12.2531633.
124. Selifonov, A.A., Tuchin, V.V./ Diffusion of methylene blue in human dentin in the presence of glucose: In vitro study// 2019.- *Progress in Biomedical Optics and Imaging - Proceedings of SPIE*.- 11065.- статья № 110651Y.- DOI: 10.1117/12.2527992.
125. Semyachkina-Glushkovskaya, O., Abdurashitov, A., Dubrovsky, A., Shirokov, A., Navolokin, N., Klimova, M., Duarte Torres, E., Khorovodov, A., Mamedova, A., Shareef, A.E., Terskov, A., Saranceva, E., Iskra, T., Kurths, J./ Lymphatic clearance from the blood after

- subarachnoid hemorrhages// 2019.- Progress in Biomedical Optics and Imaging - Proceedings of SPIE.- 10865.- статья № 108650T.- DOI: 10.1117/12.2509065.
126. Seredin, P.V., Goloshchapov, D.L., Gushchin, M.S., Ippolitov, Y.A., Kashkarov, V.M., Suetenkov, D.E./ Comparative characteristics of the xenogenic synthetic biomimetic composite and spongy bone tissue for the goals of osteoplasty in dentistry// 2019.- Russian Open Medical Journal.- 8 (2).- статья № e0206. - DOI: 10.15275/rusomj.2019.0206.
127. Shuldyakov, A.A., Lyapina, E.P., Polyakov, V.K., Baryl'nik, Yu.B., Lisko, O.B., Mishagin, N.I./ Derivatives of acridone acetic acid in pediatric practice [Дериваты акридонуксусной кислоты в практике педиатра]// 2019.- Rossiyskiy Vestnik Perinatologii i Pediatrii.- 64 (2).- pp. 110-116. - DOI: 10.21508/1027-4065-2019-64-2-110-116.
128. Shvartz, V.A., Kiselev, A.R., Bockeria, O.L./ Heart rate variability in atrial septal defect both before and after operation// (2019) Cor et Vasa.- 61 (1).- pp. E42-E47. - DOI: 10.1016/j.crvasa.2018.08.001.
129. Sitnikova, E., Grubov, V., Hramov, A.E./ Slow-wave activity preceding the onset of 10–15-Hz sleep spindles and 5–9-Hz oscillations in electroencephalograms in rats with and without absence seizures// 2019.- Journal of Sleep Research.- статья № e12927.- DOI: 10.1111/jsr.12927.
130. Skazkina, V.V., Mureeva, E.N., Karavaev, A.S., Kiselev, A.R., Borovkova, E.I., Gridnev, V.I., Shvartz, V.A., Panina, O.S., Ishbulatov, Y.M., Popova, Y.V./ Choosing parameters for the analysis of synchronization of the autonomic regulatory contours of blood circulation in newborns// (2019) 2019 3rd School on Dynamics of Complex Networks and their Application in Intellectual Robotics, DCNAIR 2019.- pp. 163-165.- DOI: 10.1109/DCNAIR.2019.8875532.
131. Smirnova, M.I.^a, Gorbunov, V.M.^a, Koshelyaevskaya, Y.N.^a, Deev, A.D.^a, Volkov, D.A.^a, Furman, N.V.^{b,c}, Dolotovskaya, P.V.^c/ Characteristics of patients with reproducible masked hypertension and its diagnosis approach(Article)// Rational Pharmacotherapy in Cardiology.- Volume 15.- Issue 6.- 2019.- Pages 789-794.
132. Stepanova, T.V., Ivanov, A.N., Tereshkina, N.E., Popyhova, E.B., Lagutina, D.D./ Markers of endothelial dysfunction: pathogenetic role and diagnostic significance(Review)// Klinicheskaya laboratornaya diagnostika.- Volume 64.- Issue 1.- 2019.- Pages 34-41.
133. Stiukhina, E.S., Lvov, N.I., Kozlova, E.A., Brill, G.E., Postnov, D.E./ Laser-stimulated lymphangion activity in rat mesentery// 2019. - Progress in Biomedical Optics and Imaging - Proceedings of SPIE.- 11067.- статья № 1106715.- DOI: 10.1117/12.2523313.
134. Svenskaya, Y.I., Genina, E.A., Parakhonskiy, B.V., Lengert, E.V., Talnikova, E.E., Terentyuk, G.S., Utz, S.R., Gorin, D.A., Tuchin, V.V., Sukhorukov, G.B./ A Simple Non-

- Invasive Approach toward Efficient Transdermal Drug Delivery Based on Biodegradable Particulate System// (2019) ACS Applied Materials and Interfaces, 11 (19).- pp. 17270-17282. - DOI: 10.1021/acsami.9b04305. АНГЛИЯ
135. Svenskaya, Y.I., Talnikova, E.E., Parakhonskiy, B.V., Tuchin, V.V., Sukhorukov, G.B., Gorin, D.A., Utz, S.R./ Enhanced topical psoralen–ultraviolet A therapy via targeting to hair follicles// (2019) British Journal of Dermatology.- DOI: 10.1111/bjd.18800.
136. Salina, T.Y.U., Morozova, T.I./ Prevalence of mutations in Mycobacterium tuberculosis genes coding resistance to isoniazid and rifampicin in tuberculosis patients from different age groups// 2019.- Tuberculosis and Lung Diseases.- 97 (4).- pp. 12-18. - DOI: 10.21292/2075-1230-2019-97-4-12-18.
137. Timofeiev, D.A., Erugina, M.V., Krom, I.L., Tsvigaylo, M.A./ The Management of Professional Motivation of Medical Organization Personnel// 2019.- Problemy sotsial'noi gigieny, zdravookhraneniia i istorii meditsiny.- 27 (1).- pp. 50-53. - DOI: 10.32687/0869-866X-2019-27-1-50-53.
138. Timoshina, P.A., Bucharskaya, A.B., Navolokin, N.A., Tuchin, V.V./ Speckle-contrast imaging of pathological tissue microhemodynamics at optical clearing// 2019.- Progress in Biomedical Optics and Imaging - Proceedings of SPIE.- 10877.- статья № 108770Z.- DOI: 10.1117/12.2508794.
139. Trushina, O.V.^a, Novichkov, D.A.^a, Khvorostukhina, N.F.^a, Romanovskaya, A.V.^a, Pchelintseva, L.I.^b/ Vitamin D status in adolescent girls with menstrual dysfunction(Article)// Voprosy Ginekologii, Akusherstva i Perinatologii,- Volume 18.- Issue 5.- 2019.- Pages 95-101.
140. Tsareva, Y.O., Mayskova, E.A., Fedotov, E.A., Shvarts, Y.G./ Circadian rhythms of thyroid hormones in patients with ischemic heart disease, arterial hypertension, and atrial fibrillation [Циркадные ритмы тиреоидных гормонов у пациентов с ишемической болезнью сердца, артериальной гипертензией и фибрилляцией предсердий]// 2019.- Kardiologiya.- 59.- pp. 23-29.- DOI: 10.18087/cardio.2506.
141. Tsitsiashvili, A.M., Panin, A.M., Lepilin, A.V., Chuvilkin, V.I., Akhmedov, G.D./ Implant surgery in partially edentulous patients with alveolar bone deficiency [Khirurgicheskoe lechenie patsientov s ispol'zovaniem implantatov pri chastichnom otsutstvii zubov v usloviakh defitsita kostnoy tkani]// 2019.- Stomatologiya.- 98 (1).- pp. 30-33.- DOI: 10.17116/stomat20199801130.
142. Tuchina, D.K., Bashkatov, A.N., Bucharskaya, A.B., Tuchin, V.V./ Exogenous agent diffusivity in tissues as a biomarker of diabetes mellitus pathology// 2019.- Progress in Biomedical Optics and Imaging - Proceedings of SPIE.- 10877.- статья № 108770X.- DOI: 10.1117/12.2506644.

143. Ulianova, O.V., Filonova, N.N., Subbotina, I.A., Dykman, L.A., Ulyanov, S.S., Zaytsev, S.S., Saltykov, Yu.V., Lyapina, A.M., Grashkina, I.G., Larionova, O.S., Feodorova, V.A./ Amplification of output signal of laser scanning speckle-microscope using gold nanoparticles for detection of Chlamydia trachomatis bacteria. Part 1: Theoretical study// 2019.- Progress in Biomedical Optics and Imaging - Proceedings of SPIE.- 11065.- статья № 110650O.- DOI: 10.1117/12.2523029.
144. Ulianova, O.V., Kolosova, A.A., Filonova, N.N., Lyapina, A.M., Saltykov, Yu.V., Subbotina, I.A., Zaytsev, S.S., Grashkina, I.G., Ulyanov, S.S., Feodorova, V.A./ Detection of blood microcirculation of chicken embryo using LASCA-imaging with application of the new techniques of optical clearing// 2019.- Progress in Biomedical Optics and Imaging - Proceedings of SPIE.- 11065.- статья № 110650N.- DOI: 10.1117/12.2523025.
145. Ulianova, O.V., Zaytsev, S.S., Saltykov, Yu.V., Filonova, N.N., Subbotina, I.A., Lyapina, A.M., Bakulev, A.L., Ulyanov, S.S., Feodorova, V.A./ Study of statistical properties of GB-speckles, generated on nucleotide sequences of omp1 gene of Chlamydia trachomatis, simulated using different algorithms of re-coding. Part II. Statistics of phase fluctuations// 2019.- Progress in Biomedical Optics and Imaging - Proceedings of SPIE.- 11065.- статья № 110650H.- DOI: 10.1117/12.2522583.
146. Ulianova, O.V., Zaytsev, S.S., Saltykov, Yu.V., Filonova, N.N., Subbotina, I.A., Lyapina, A.M., Bakulev, A.L., Ulyanov, S.S., Feodorova, V.A./ Study of statistical properties of GB-speckles, generated on nucleotide sequences of omp1 gene of Chlamydia trachomatis, simulated using different algorithms of re-coding. Part I. Statistics of intensity fluctuations// 2019.- Progress in Biomedical Optics and Imaging - Proceedings of SPIE.- 11065.- статья № 110650G.- DOI: 10.1117/12.2522580.
147. Yakovleva, O.V., Glukhova, T.N., Rogozhina, I.E./ Obstetric problems in HIV-infected women [Акушерские Проблемы У Вич-Инфицированных Женщин]// 2019.- HIV Infection and Immunosuppressive Disorders.- 11 (3).- pp. 23-29. - DOI: 10.22328/2077-9828-2019-11-3-23-29.
148. Yanina, I.Y., Navolokin, N.A., Bucharskaya, A.B., Maslyakova, G.N., Tuchin, V.V./ Skin and subcutaneous fat morphology alterations under the LED or laser treatment in rats in vivo// 2019.- Journal of Biophotonics.- 12 (12).- статья № e201900117.- DOI: 10.1002/jbio.201900117.
149. Yanina, I.Y., Navolokin, N.A., Vidyasheva, I.V., Goryacheva, I.Y., Kochubey, V.I., Tuchin, V.V./ Functionalized upconversion luminescent nanoparticles for theranostics// 2019.- Progress in Biomedical Optics and Imaging - Proceedings of SPIE.- 11074.- статья № 1107419.- DOI: 10.1117/12.2526930.

150. Yanina, I.Y., Sagaidachnaya, E.A., Vidyasheva, I.V., Navolokin, N.A., Kochubey, V.I., Tuchin, V.V./ Phototoxicity and luminescence of the upconversion nanoparticles embedded in the cells// 2019.- Progress in Biomedical Optics and Imaging - Proceedings of SPIE.- 10877.- статья № 108770Y.- DOI: 10.1117/12.2506974.
151. Yanina, I.Yu.^{a,b}, Navolokin, N.A.^c, Goryacheva, I.Yu.^a, Kochubey, V.I.^{a,b}, Tuchin, V.V.^{a,b,d} / Functionalized upconversion luminescent nanoparticles for theranostics(Conference Paper)// Optics InfoBase Conference Papers.- Volume Part F142-ECBO 2019.- 2019European Conference on Biomedical Optics.- ECBO_2019.- Munich.-Netherlands.- 23 June.
152. Zabrodskii, P.F., Maslyakov, V.V., Gromov, M.S./ Influence of polyoxidonium on the humoral and cellular immune responses in mice after chronic intoxication with chlorinated hydrocarbons// 2019.- Eksperimental'naya i Klinicheskaya Farmakologiya.- 82 (1).- pp. 22-25. - DOI: 10.30906/0869-2092-2019-82-1-22-25.
153. Zakharova, N.B., Pastushkova, L.Kh., Lyakh, R.V., Ponukalin, A.N., Varaksin, N.A., Ofitserov, V.I., Kononikhin, A.S., Larina, I.M., Nikolaev, E.N./ Renal parenchymal damage: Identification of urinary biomarkers in the patients with chronic pyelonephritis by means of elisa and mass spectrometry techniques// 2019.- Medical Immunology (Russia).- 21 (2).- pp. 341-350. - DOI: 10.15789/1563-0625-2019-2-341-350.
154. Zaretskov, V.V., Arsenievich, V.B., Likhachev, S.V., Stepukhovich, S.V., Mizyurov, S.A./ Surgical treatment of aggressive hemangiomas of the transitional cervical-thoracic spine in children (Clinical observations, preliminary results)// 2019.- Pediatric Traumatology, Orthopaedics and Reconstructive Surgery.- 7 (2).- pp. 79-86. - DOI: 10.17816/PTORS7279-86.
155. Zhuravlev, M., Runnova, A., Kryuchkov, Y./ The investigation of synchronization between different areas of the brain in locomotor activity// 2019.- Progress in Biomedical Optics and Imaging - Proceedings of SPIE.- 11067.- статья № 110670A.- DOI: 10.1117/12.2527732.
156. Zhuravlev, M., Runnova, A., Kryuchkov, Y./ The study of the correlation between EEG-EMG signals for the simple test "fist-rib"/"palm-fist"// 2019.- Progress in Biomedical Optics and Imaging - Proceedings of SPIE.- 11067.- статья № 110670B.- DOI: 10.1117/12.2527735.
157. Zinchenko, E., Navolokin, N., Shirokov, A., Khlebtsov, B., Dubrovsky, A., Saranceva, E., Abdurashitov, A., Khorovodov, A., Terskov, A., Mamedova, A., Klimova, M., Agranovich, I., Martinov, D., Tuchin, V., Semyachkina-Glushkovskaya, O., Kurts, J./ Pilot study of transcranial photobiomodulation of lymphatic clearance of beta-amyloid from the mouse brain: Breakthrough strategies for non-pharmacologic therapy of Alzheimer's disease// (2019) Biomedical Optics Express.- 10 (8).- pp. 4003-4017. - DOI: 10.1364/BOE.10.004003.