Curriculum Vitae

Date: Feb 12, 2026

Prof. Dr. Sergey Morozov, M.D., Ph.D., M.P.H.

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Professional Summary:

- Current Head of R&D, 3R Swiss Imaging Network, driving AI integration across 20 centers, and Independent Consultant on AI in Radiology.
- Harvard MPH graduate and international healthcare leader with experience scaling teleradiology operations, deploying AI at population scale, and advising medical technology ventures.
- Internationally recognized expert in clinical radiology, medical imaging informatics, AI, and healthcare quality management and digital transformation.
- Top 1% most-cited researcher in clinical imaging globally (250+ publications, 2,800+ citations, h-index 25).
- Former President, European Society of Medical Imaging Informatics (EuSoMII, 2017-2019).
- Former Chief Radiology Officer for Moscow Healthcare System (13M population, 100+ facilities).
- Awarded the national Order of Pirogov, Three-time Moscow Government Prize laureate, Honorary Member of EuSoMII.

Research Impact Metrics:

• Total citations: 3,101 (Google Scholar, as of Feb 2026)
• h-index: 26 (Top 2% in radiology globally)
• Top 1% most highly cited author in Clinical Imaging (2015-2025, OpenAlex)
• 17 papers in Top 1-10% most cited in Clinical Medicine for publication year
• International citations from 40+ countries including leading institutions:
- German Cancer Research Center
- University of Sydney
- Chinese Academy of Medical Sciences
- University of Iowa

Awards, Honors, and Membership in Honorary Societies:

1. Order of Pirogov (**National award** of Russia for leading COVID-19 response contributions), 2021
2. Moscow Mayor's Prize in Medicine – **three-time Laureate for R&D in Healthcare**, 2018-2020
3. Magna Cum Laude, Sechenov Moscow Medical University, 2002

4. Healthcare Person of the Year Award, Russia, 2016
5. **Honorary member** of the European Society for Medical Imaging Informatics, 2022
6. **Academic Rank of Professor** (Radiology), Ministry of Education and Science, Russia, 2013 (lifetime academic title conferred by national competitive selection, requires an independent research record, publications, and teaching excellence)

Education:

2002	M.D.	Sechenov Moscow Medical University (**Magna** Cum Laude)
2004	Ph.D.	Sechenov Moscow Medical University
2006	M.P.H.	**Harvard** Chan School of Public Health (Clinical effectiveness concentration; **GPA 3.8**)
2013	Professor	**Academic Rank of Professor (Radiology)** conferred by the Ministry of Education and Science, Russia

Postgraduate Training and Fellowship Appointments:

2002-2004	**Residency** in Radiology, Moscow State Medico-Dental University and Sechenov Moscow Medical University
2012-2013	**Fellow** in Nuclear Radiology, Russian Post-Graduate Medical Academy

Post-graduate certification and CME courses

2001	**Clinical Functional MRI course, University of Illinois in Chicago, USA**
2002	**Clinical Radiology Observership, Oslo University, Norway**
2004	Computed Tomography and Magnetic Resonance Imaging Certification, Moscow
2007	**Coronary CT Angiography, Atlantic Medical Imaging Center, USA**
2008	CT-colonoscopy observership, University La Sapienza, Italy
2008	European School of Musculoskeletal MRI, Austria
2009	Computed Tomography and Magnetic Resonance Imaging Certification, Moscow
2010	Salzburg Medical Seminar "Cardiac Imaging", Austria
2013	**Observer in Body Imaging, Memorial Sloan-Kettering Cancer Center, USA**
2013	**PET/CT certification course, University of Zurich, Switzerland**
2015	Certificate of leadership fundamentals, American College of Radiology, USA
2017	**Clinical Observership, Bundang Hospital, Seoul, South Korea**
2024	AI symposium, University medical center Groningen, Netherlands
2003-2026	Multiple courses at ECR, RSNA, national, and local conferences

Military Service: none

Faculty Appointments:

2004-2007	Assistant Professor of Radiology, Sechenov Moscow Medical University
2007-2013	Associate Professor of Radiology, Sechenov Moscow Medical University
2013-2018	Professor of Radiology, Sechenov Moscow Medical University (taught medical students, residents, and fellows; Published 100+ peer-reviewed papers during tenure)
2019-2022	Professor, post-graduate Radiology program director, Radiology and Telemedicine Center, Moscow (designed curriculum for 450+ radiology residents, integrated AI/teleradiology into training program, supervised 5 PhD candidates to completion)

2025	Visiting Professor (by invitation), Department of Radiology, **University of Florida, USA**

Entrepreneurial & Consulting Activities:

2024-current	**Founder & Principal Consultant / Medlogic (BE1014026023), Belgium** - Healthcare AI strategy consulting - Medical imaging informatics implementation - Cross-border radiology quality assurance programs
2022-2024	**Chief Innovation Officer** / Osimis SA, Belgium (AI Integration Platform) - Led product strategy for radiology AI marketplace - Scaled team to 15 employees across 4 countries, 2 continents - Developed single-integration platform for 6+ AI vendors - Drove partnerships with major hospital systems

Hospital and/or Administrative Appointments:

2004-2007	Radiologist, Sechenov Moscow Medical University
2007-2013	Radiologist / Head of the department, Central clinical hospital, Moscow
2013-2015	Radiologist / Head of the department, European Medical Center
2015-2022	**Radiologist** / General manager, Radiology & Telemedicine Center, Moscow
2022-2023	CIO / Researcher, Osimis SA, Belgium
2024-current	**Head of R&D (external consultant) / Clinical researcher, 3R Swiss imaging network, Switzerland** - Leading AI integration across 10+ clinical imaging solutions - Principal Investigator - Advancing radiology workflow optimization and AI deployment strategies

Major Leadership Positions (Russia):

2015-2022 Chief Regional Radiology Officer
Moscow Healthcare Department & Ministry of Health (Central Federal District)
- Chief Radiology Officer for Moscow (population 13M+)
- Supervised >100 diagnostic facilities, 1,300+ imaging units
- Led integration of AI/computer vision across Moscow's radiology network

2015-2022 CEO, Researcher, Radiologist
Center for Diagnostics and Telemedicine, Moscow Healthcare Department
- Built Russia's first and largest municipal teleradiology center
- Scaled from 150 to 450 employees (2016-2020)
- Generated >$3.5M annual revenue serving 100K+ patients monthly
- Secured $40M+ investment for center expansion
- Deployed unified RIS across 100+ clinics, 10K+ clinical users

Career Impact Metrics:
Healthcare systems led:
- Managed radiology operations for 13M+ population (Moscow, 2015-2022)
- Supervised 100+ diagnostic facilities, 1,300+ imaging units

- Built teleradiology center serving 100K+ patients monthly
- Deployed AI across 1.3M+ imaging studies (Moscow experiment)
- Currently oversee 20-center Swiss imaging network

Team leadership:
- Scaled organization from 150 to 450 employees (2016-2020)
- Managed budgets exceeding $40M in capital investments
- Personally mentored 5 PhD candidates, 10 master students, 100+ radiologists

Global reach:
- Publications cited in 40+ countries
- Collaborated with institutions across Europe, USA, Asia
- President of pan-European professional society (2017-2018)

International Collaborations & Networks:

Research Partnerships:
• Harvard Chan School of Public Health (USA)
• Mayo Clinic (USA)
• University of Florida (USA) - Visiting Professor 2025
• Radboud University Medical Center, Nijmegen (Netherlands)
• ITMO University (Russia)
• Sechenov University (Russia)
• University Medical Center Groningen (Netherlands)

Corporate Research Partners:
• GE Healthcare (Principal Investigator, €300K study)
• Siemens Healthineers
• Philips Healthcare (former advisory board)
• Agfa HealthCare (former advisory board)

Advisory/Leadership:
• Harvard University International Alumni Ambassador (2015-current)
• xAID Board Member (Spain, 2024-current)
• EuSoMII Partnerships Committee Chair (2025-2027)

Specialty Certification:

2004-2023	Certified and Board licensed **Radiologist**, Russia
2015-2024	Certified and Board licensed **NM specialist**, Russia
2017-2021	Certified **Imaging Informatics Professional**, American board of Imaging Informatics

Major Research Contributions:

1. Healthcare Quality & Telemedicine Systems

• Pioneered telemedicine-based peer review systems for radiology quality management
• Led large-scale AI deployment across Moscow's imaging network (>3M studies analyzed)
• Developed methodologies for AI algorithm selection and monitoring at the population scale

2. AI Quality Assurance in Radiology

• Developed MosMedData COVID-19 CT dataset (352 citations), enabling global AI validation

• Co-led international radiologist AI perception survey (240+ citations, top 1% in Clinical Medicine)

• Advanced frameworks for trustworthy AI implementation in clinical workflows

3. Lung Cancer Screening & Early Detection

• Co-authored ESR/ERS lung cancer screening statement (248 citations, top 1% Clinical Medicine)

• Validated AI for ultra-low-dose CT risk stratification (47 citations)

• Created collaborative labeling tools, improving diagnostic consistency

National Healthcare Programs Developed:

2020-2022 Moscow COVID-19 Radiology Diagnostics Protocol

- Developed workflow adopted by Russian and international hospitals
- Created world's largest COVID-19 CT dataset (MosMedData)
- Led team of >100 radiologists processing COVID studies

2018-2019 Moscow Breast Cancer Screening Program

- Population-scale mammography screening initiative
- Quality assurance and workflow standardization

2017-2018 First Russian Lung Cancer Screening Program (Low-Dose CT)

- Pioneered NDCT screening methodology in Russia
- Coordinated multi-institutional pilot implementation

2016-2018 Moscow PET/CT Referral System

- Organized accessible PET/CT diagnostics network
- Annual service volume >$32M

Memberships in Professional and Scientific Societies and Other Professional Activities:

International:

1. European Society of Medical Imaging Informatics: member (2015-present), President (2017-2019), Honorary member (2022)
2. European Society of Radiology: member, 2003-current
3. RSNA: member, 2010-current
4. ACR International Economics Committee: member, 2018-2024

National:

1. Member of Moscow Radiology Society, 2002-2022
2. Member of Belgian Society of Radiology, 2022-current

Grant recipient:

2022-2024 EU Horizon Grant ODELIA Consortium member, steering committee member (total of 8 million EUR)

2024-2025 Principal Investigator, GE Healthcare sponsored Intelligent Protocolling for CT study (total of 300K EUR)

Grant Review Activities:

2024-2025 Expert Reviewer, Brussels Healthtech, Belgium

- 7+ competitive grant reviews completed (AI, digital health, radiology)
- Assessed proposals ranging €50K-€2M in funding requests
- Expertise in clinical validation and commercial viability assessment

2018-2022 Grant Reviewer, Skolkovo Foundation, Russia

- Medical technology startup evaluation
- Investment readiness and commercialization strategy

Corporate Advisory & Partnerships:

- Former Member, Advisory Boards: Philips Healthcare, Agfa HealthCare
- Research Partnerships: ITMO University, Nijmegen University, Mayo Clinic, Sechenov University, GE Healthcare, Siemens Healthineers

Editorial Positions & Peer Review:

1. Digital Diagnostics journal, founder and vice-chairman of the editorial board / 2020-2025
2. Russian Journal of Telemedicine, editorial board member / 2020-2022
3. Medical Visualization Journal, editorial board member / 2020-2022
4. AuntMinnie Europe advisory board member / 2018 - current
5. Peer Reviewer (10+ manuscript reviews):
    a. European Radiology (Impact Factor 4.7, #3 in Radiology & Medical Imaging)
    b. Insights into Imaging (Impact Factor 4.1)
    c. Entropy
6. Program Planning Committees
    - European Congress of Radiology, Austria, 2018
    - European Society of Medical Imaging Informatics, Austria, 2017-2025
    - Russian Society of Radiology, 2015-2022

Educational Leadership & Digital Platforms:

2014-2021 Founder & Academic Director
Management in Radiology (MIR) International Summit Series

- Annual executive education summits for healthcare leaders
- 900+ cumulative students (2014-2021)
- Faculty from Harvard, Wharton, INSEAD business schools

2020 Creator, Online Medical Education Platform (edu.tele-med.ai)

- 80,000+ registered physician students
- Digital learning infrastructure for radiology specialists

2020 Creator, Virtual Conference Platform (Mro.live)

- 40,000+ attendees at online medical conferences

- Emergency response to COVID-19 restrictions

2019-2021 Co-organizer & Academic Director
Skolkovo Business School: "Healthcare Leadership" Executive Program
- Diploma-level executive education (300+ graduates)
- Strategic healthcare transformation curriculum
- Partnership with top Russian business school

Academic and Institutional Committees (selected):

1. Mentor for PhD thesis by Likov IV "Clinical significance of coronary CT-angiography in ischemic heart disease", 2011
2. Mentor for PhD thesis by Il'in DO "Comparison of arthroscopy and MRI of the knee trauma", 2011
3. Mentor for PhD thesis by Mozharovskaya MV "Clinical significance of brain CT perfusion imaging in stroke diagnosis", 2013.
4. Member of Clinical Audit Commission at UMCG, Netherlands, 2017
5. Chairman of Radiology Attestation Commission of Moscow Healthcare Department, 2015-2022
6. Harvard University International Alumni Ambassador

Major Academic and Clinical Teaching Responsibilities:

1. Lecturer for the medical students' elective course "Introduction to evidence-based medicine" at Sechenov Moscow Medical University, 2004-2009
2. Lecturer for the educational course for radiologists "Evidence-based radiology" at Sechenov Moscow Medical University, 2009-2015
3. Lecturer, Medical Students' Elective "Clinical CT and MRI", 2004-2018
4. Lecturer, Clinical MRI for radiology residents, Sechenov Moscow Medical University, 2006-2018
5. Instructor, General Radiology for medical students, Sechenov Moscow Medical University, 2006-2018
6. Lecturer, Clinical Radiology post-graduate courses, Center of Radiology and Telemedicine, Moscow, 2015-2022

Lectures by Invitation (Last 5 years):

1. Visiting Professor, "Large-Scale AI Implementation: European Evidence", Department of Radiology, **University of Florida, 2025**
2. Scientific Presenter, "4.5 Years of AI Deployment: 3R Network Real-World Study" (389,000 studies, 20 centers, 58 radiologists, 91% adoption rate), **Journées Francophone de Radiologie (JFR), France, 2025**
3. Round Table Panelist, "The Future Radiologist: AI Integration and Workflow Evolution", **EuSoMII Congress, 2025**
4. Keynote Speaker, AI Symposium, **University Medical Center Groningen, Netherlands, 2024**
5. Featured Speaker, MedischeWereld Conference, University Hospital Brussels, Belgium, 2023
6. Invited Expert, Belgian Society of Medical Oncology Annual Meeting, 2022
7. Guest Lecturer, Pisa University Department of Radiology, Italy, 2022
8. Presidential Address, European Society for Medical Imaging Informatics, Austria, 2017-2019

Conference Presentations (Selected):

1. European Congress of Radiology (>30 presentations, 2006-2025)
2. RSNA Annual Meeting (3 presentations in 2025)
3. International Conference on Medical Image Computing (MICCAI) (6 presentations in 2015-2025)
4. European Society of Medical Imaging Informatics (>10 presentations in 2017-2025)

Organizing Roles in Scientific Meetings:

1. Member of the Board and program planning committee, European Society of Medical Imaging Informatics, 2017-2025
2. Member of the Program Planning Committee for European Congress of Radiology, Austria, 2019
3. Member of the Regional Committee for Europe, Committee on International Radiology Education, Educational Exhibits Awards Committee, RSNA, 2018

Bibliography:

Complete list of published papers (more than 200):

- https://scholar.google.com/citations?user=JBqhewUAAAAJ&hl=en
- https://orcid.org/0000-0001-6545-6170

Research Publications, peer-reviewed / selected works:

1. Kauczor, H.-U., Baird, A.-M., Blum, T. G., Bonomo, L., Bostantzoglou, C., Burghuber, O., Čepická, B., Comanescu, A., Couraud, S., Devaraj, A., **Morozov**, S., & others. (2020). ESR/ERS statement paper on lung cancer screening. *European Radiology*, *30*, 3277–3294. **(IF 4.7, #3 in field – 248 citations, Top 1%)**
2. Huisman, M., Ranschaert, E., Parker, W., Mastrodicasa, D., Koci, M., Pinto de Santos, D., Coppola, F., **Morozov**, S., Zins, M., Bohyn, C., & others. (2021a). An international survey on AI in radiology in 1,041 radiologists and radiology residents part 1: Fear of replacement, knowledge, and attitude. *European Radiology*, *31*, 7058–7066. **240 citations (Top 1%)**
3. Huisman, M., Ranschaert, E., Parker, W., Mastrodicasa, D., Koci, M., Pinto de Santos, D., Coppola, F., **Morozov**, S., Zins, M., Bohyn, C., & others. (2021b). An international survey on AI in radiology in 1041 radiologists and radiology residents part 2: Expectations, hurdles to implementation, and education. *European Radiology*, *31*(11), 8797–8806.
4. **Morozov**, S. P., Andreychenko, A. E., Blokhin, I. A., Gelezhe, P. B., Gonchar, A. P., Nikolaev, A. E., Pavlov, N. A., Chernina, V. Y., & Gombolevskiy, V. A. (2020). MosMedData: Data set of 1110 chest CT scans performed during the COVID-19 epidemic. *Digital Diagnostics*, *1*(1), 49–59. **352 citations.**
5. Saldanha, O.L., Zhu, J., Müller-Franzes, G. et al. Swarm learning with weak supervision enables automatic breast cancer detection in magnetic resonance imaging. Commun Med 5, 38 (2025). https://doi.org/10.1038/s43856-024-00722-5
6. Ibragimov, B., Arzamasov, K., Maksudov, B., Kiselev, S., Mongolin, A., Mustafaev, T., Ibragimova, D., Evteeva, K., Andreychenko, A., & **Morozov**, S. (2023). A 178-clinical-center experiment of integrating AI solutions for lung pathology diagnosis. *Scientific Reports*, *13*(1), 1135.

7. Zakharov, A., Pisov, M., Bukharaev, A., Petraikin, A., **Morozov**, S., Gombolevskiy, V., & Belyaev, M. (2023). Interpretable vertebral fracture quantification via anchor-free landmarks localization. *Medical Image Analysis*, *83*, 102646.
8. Zinchenko, V., Chetverikov, S., Akhmad, E., Arzamasov, K., Vladzymyrskyy, A., Andreychenko, A., & **Morozov**, S. (2022). Changes in software as a medical device based on artificial intelligence technologies. *International Journal of Computer Assisted Radiology and Surgery*, *17*(10), 1969–1977.
9. Blokhin, I., Gombolevskiy, V., Chernina, V., Gusev, M., Gelezhe, P., Aleshina, O., Nikolaev, A., Kulberg, N., **Morozov**, S., & Reshetnikov, R. (2022). Inter-observer agreement between low-dose and standard-dose CT with soft and sharp convolution kernels in COVID-19 pneumonia. *Journal of Clinical Medicine*, *11*(3), 669.
10. Lancaster, H. L., Zheng, S., Aleshina, O. O., Yu, D., Chernina, V. Y., Heuvelmans, M. A., de Bock, G. H., Dorrius, M. D., Gratama, J. W., **Morozov**, S. P., & others. (2022). Outstanding negative prediction performance of solid pulmonary nodule volume AI for ultra-LDCT baseline lung cancer screening risk stratification. *Lung Cancer*, *165*, 133–140.
11. Nagaraj, Y., de Jonge, G., Andreychenko, A., Presti, G., Fink, M. A., Pavlov, N., Quattrocchi, C. C., **Morozov**, S., Veldhuis, R., Oudkerk, M., & others. (2022). Facilitating standardized COVID-19 suspicion prediction based on computed tomography radiomics in a multi-demographic setting. *European Radiology*, *32*(9), 6384–6396.
12. Nikolis, A., Frank, K., Guryanov, R., Gombolevskiy, V., **Morozov**, S., Makhmud, K., Chernina, V., Gotkin, R. H., Green, J. B., & Cotofana, S. (2021). Differences in temporal volume between males and females and the influence of age and BMI: a cross-sectional CT-imaging study. *Facial Plastic Surgery*, *37*(05), 632–638.
13. Pavlov, N. A., Andreychenko, A. E., Vladzymyrskyy, A. V., Revazyan, A. A., Kirpichev, Y. S., & **Morozov**, S. P. (2021). Reference medical datasets (MosMedData) for independent external evaluation of algorithms based on artificial intelligence in diagnostics. *Digital Diagnostics*, *2*(1), 49–66.
14. Shirokikh, B., Shevtsov, A., Dalechina, A., Krivov, E., Kostjuchenko, V., Golanov, A., Gombolevskiy, V., **Morozov**, S., & Belyaev, M. (2021). Accelerating 3D medical image segmentation by adaptive small-scale target localization. *Journal of Imaging*, *7*(2), 35.
15. Sosna, J., Pyatigorskaya, N., Krestin, G., Denton, E., Stanislav, K., **Morozov**, S., Kumamaru, K. K., Jankharia, B., Mildenberger, P., Forster, B., & others. (2021). International survey on residency programs in radiology: Similarities and differences among 17 countries. *Clinical Imaging*, *79*, 230–234.
16. **Morozov** SP, Gombolevskiy VA, Elizarov AB, Gusev MA, Novik VP, Prokudaylo SB, Bardin AS, Popov EV, Ledikhova NV, Chernina VY, Blokhin IA, Nikolaev AE, Reshetnikov RV, Vladzymyrskyy AV, Kulberg NS. A simplified cluster model and a tool adapted for collaborative labeling of lung cancer CT scans. **Comput Methods Programs Biomed**. 2021 Jul;206:106111.
17. Dick, J., Darras, K. E., Lexa, F. J., Denton, E., Ehara, S., Galloway, H., Jankharia, B., Kassing, P., Kumamaru, K. K., Mildenberger, P., **Morozov**, S., & others. (2021). An international survey of quality and safety programs in radiology. *Canadian Association of Radiologists Journal*, *72*(1), 135–141.
18. Gelezhe, P., Gombolevskiy, V., **Morozov**, S., Melnikov, D. V., Korb, T. A., Aleshina, O. O., Frank, K., Gotkin, R. H., Green, J. B., & Cotofana, S. (2021). Three-dimensional description of the angular artery in the nasolabial fold. *Aesthetic Surgery Journal*, *41*(6), 697–704.

19. Gelezhe PB, Blokhin IA, Marapov DI, **Morozov** SP. Quantitative parameters of MRI and ^{18}F-FDG PET/CT in the prediction of breast cancer prognosis and molecular type: an original study. Am J Nucl Med Mol Imaging. 2020 Dec 15;10(6):279-292.
20. Gombolevskiy, V., Gelezhe, P., **Morozov**, S., Melnikov, D. V., Vorontsov, A., Kulberg, N., Frank, K., Gotkin, R. H., Lachman, N., & Cotofana, S. (2021). The course of the angular artery in the midface: Implications for surgical and minimally invasive procedures. *Aesthetic Surgery Journal*, *41*(7), 805–813.
21. Gombolevskiy, V., **Morozov**, S., Chernina, V., Blokhin, I., & Vassileva, J. (2021). A phantom study to optimise the automatic tube current modulation for chest CT in COVID-19. *European Radiology Experimental*, *5*(1), 21.
22. Goncharov, M., Pisov, M., Shevtsov, A., Shirokikh, B., Kurmukov, A., Blokhin, I., Chernina, V., Solovev, A., Gombolevskiy, V., **Morozov**, S., & others. (2021). CT-Based COVID-19 triage: Deep multitask learning improves joint identification and severity quantification. *Medical Image Analysis*, *71*, 102054.
23. Kulberg, N. S., Reshetnikov, R. V., Novik, V. P., Elizarov, A. B., Gusev, M. A., Gombolevskiy, V. A., Vladzymyrskyy, A. V., & **Morozov**, S. P. (2021). Inter-observer variability between readers of CT images: All for one and one for all. *Digital Diagnostics*, *2*(2), 105–118.
24. Kuzmin, I. T., Boitsova, E. A., Gombolevskiy, V. A., Mazur, E. V., **Morozov**, S. P., Sennikov, A. G., Skutschas, P. P., & Sues, H.-D. (2021). Braincase anatomy of extant Crocodylia, with new insights into the development and evolution of the neurocranium in crocodylomorphs. *Journal of Anatomy*, *239*(5), 983–1038.
25. **Morozov**, S. P., Chernina, V. Y., Andreychenko, A. E., Vladzymyrskyy, A. V., Mokienko, O. A., & Gombolevskiy, V. A. (2021). How does artificial intelligence effect on the assessment of lung damage in COVID-19 on chest CT scan? *Digital Diagnostics*, *2*(1), 27–38.
26. **Morozov**, S. P., Gombolevskiy, V., Elizarov, A., Gusev, M. A., Novik, V., Prokudaylo, S., Bardin, A., Popov, E., Ledikhova, N., Chernina, V., & others. (2021). A simplified cluster model and a tool adapted for collaborative labeling of lung cancer CT scans. *Computer Methods and Programs in Biomedicine*, *206*, 106111.
27. **Morozov**, S. P., Reshetnikov, R. V., Gombolevskiy, V. A., Ledikhova, N. V., Blokhin, I. A., & Mokienko, O. A. (2021). Diagnostic accuracy of computed tomography for identifying hospitalizations for patients with COVID-19. *Digital Diagnostics*, *2*(1), 5–16.
28. Leonov, D., Kulberg, N., Osipov, L., Skosirev, S., Grigorev, G., Vladzimirskiy, A., & **Morozov**, S. (2020). Aberration correction in transcranial ultrasound imaging. *Int J CARS*, *15*(Suppl 1), S157.
29. **Morozov**, S., Chernyaeva, G., Bazhin, A., Pimkin, A., Belyaev, M., Vladzymyrsky, A., Klyashtorny, V., Gorshkova, T., Kurochkina, N., & Yakusheva, S. (2020). Validation of diagnostic accuracy of an artificial intelligence algorithm for detecting multiple sclerosis in a city polyclinic setting. *Diagnostic Radiology and Radiotherapy*, *11*(2), 58–65.
30. **Morozov**, S. P., Chernina, V. Y., Blokhin, A. I., & Gombolevskiy, V. A. (2020). Chest computed tomography for outcome prediction in laboratory-confirmed COVID-19: A retrospective analysis of 38,051 cases. *Digital Diagnostics*, *1*(1), 27–36.
31. **Morozov**, S. P., Kuzmina, E. S., Ledikhova, N. V., Vladzymyrskyy, A. V., Trofimenko, I. A., Mokienko, O. A., Panina, E. V., Andreychenko, A. E., Omelyanskaya, O. V., Gombolevskiy, V. A., & others. (2020). Mobilizing the academic and practical potential of

diagnostic radiology during the COVID-19 pandemic in Moscow. *Digital Diagnostics*, *1*(1), 5–12.

32. **Morozov**, S., Sergunova, K., Petraikin, A., Akhmad, E., Kivasev, S., Semenov, D., Blokhin, I., Karpov, I., Vladzymyrskyy, A., & Morozov, A. (2020). Diffusion processes modeling in magnetic resonance imaging. *Insights into Imaging*, *11*, 1–9.
33. **Morozov**, S., Vladzimirskiy, A., Gombolevskiy, V., Klyashtorny, V., Fedulova, I., & Vlasenkov, L. (2020). Artificial intelligence in lung cancer screening: Assessment of the diagnostic accuracy of the algorithm analyzing low-dose computed tomography. *Tuberculosis and Lung Diseases*, *98*(8), 24–31.
34. **Morozov**, S., Guseva, E., Ledikhova, N. et al. Telemedicine-based system for quality management and peer review in radiology. **Insights Imaging** 9, 337–341 (2018).
35. Gelezhe, P.B., **Morozov**, S.P. Principles of Data Acquisition Using Positron Emission Tomography Combined with Magnetic Resonance Imaging (PET/MRI). **Biomed Eng** 52, 125–130 (2018).
36. Sinitsyn VE, Voronov DA, **Morozov SP**. The degree of coronary artery calcinosis as a prognostic factor of asymptomatic cardiovascular complications: results of meta-analysis. Ter Arkh. 2006;78(9):22-7. Russian.
37. Ternovoi SK, Sinitsyn VE, Evzikov GY, **Morozov SP**, Kholodov BV. Localization of the motor and speech zones of the cerebral cortex by functional magnetic resonance tomography. Neurosci Behav Physiol. 2004 Jun;34(5):431-7.

Research Publications, non-peer reviewed:

1. **Morozov**, S., Vladzymyrskyy, A., Ledikhova, N., Andreychenko, A., Arzamasov, K., Omelyanskaya, O., Reshetnikov, R., Gelezhe, P., Blokhin, I., Turavilova, E., & others. (2023). Diagnostic accuracy of artificial intelligence for analysis of 1.3 million medical imaging studies: The Moscow experiment on computer vision technologies. *medRxiv*, 2023–08
2. Andreychenko, A. E., Logunova, T. A., Gombolevskiy, V. A., Nikolaev, A. E., Vladzymyrskyy, A. V., Sinitsyn, V. E., & **Morozov**, S. P. (2022). A methodology for selection and quality control of the radiological computer vision deployment at the megalopolis scale. *medRxiv*, 2022–02.
3. **Morozov**, S. P., Gombolevskiy, V. A., Blokhin, I. A., Semenov, S. S., Logunova, T. A., & Andreychenko, A. E. (2021). A comprehensive evaluation methodology for the publicly accessible AI services for medical diagnostics. *medRxiv*, 2021–07.
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Abstracts (Last 3 years):

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