

Valentin E Sinitsyn

List of Publications by Year in descending order

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Version: 2024-02-01

121
papers

2,667
citations

361413
20
h-index

197818
49
g-index

131
all docs

131
docs citations

131
times ranked

3183
citing authors

#	ARTICLE	IF	CITATIONS
1	A clinical prediction rule for the diagnosis of coronary artery disease: validation, updating, and extension. <i>European Heart Journal</i> , 2011, 32, 1316-1330.	2.2	427
2	Muscle volume, MRI relaxation times (T2), and body composition after spaceflight. <i>Journal of Applied Physiology</i> , 2000, 89, 2158-2164.	2.5	315
3	Effect of Intensive Versus Standard Lipid-Lowering Treatment With Atorvastatin on the Progression of Calcified Coronary Atherosclerosis Over 12 Months. <i>Circulation</i> , 2006, 113, 427-437.	1.6	245
4	Prediction model to estimate presence of coronary artery disease: retrospective pooled analysis of existing cohorts. <i>BMJ</i> , The, 2012, 344, e3485-e3485.	6.0	225
5	Reduction in radiation exposure in cardiovascular computed tomography imaging: results from the PROspective multicenter registry on radiaTion dose Estimates of cardiac CT angIOgraphy iN daily practice in 2017 (PROTECTION VI). <i>European Heart Journal</i> , 2018, 39, 3715-3723.	2.2	149
6	International Impact of COVID-19 on the Diagnosis of Heart Disease. <i>Journal of the American College of Cardiology</i> , 2021, 77, 173-185.	2.8	130
7	Cortical reorganization in an astronaut's brain after long-duration spaceflight. <i>Brain Structure and Function</i> , 2016, 221, 2873-2876.	2.3	103
8	Brain ventricular volume changes induced by long-duration spaceflight. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 10531-10536.	7.1	94
9	Brain Tissue's Volume Changes in Cosmonauts. <i>New England Journal of Medicine</i> , 2018, 379, 1678-1680.	27.0	88
10	Hybrid cardiac imaging using PET/MRI: a joint position statement by the European Society of Cardiovascular Radiology (ESCR) and the European Association of Nuclear Medicine (EANM). <i>European Radiology</i> , 2018, 28, 4086-4101.	4.5	80
11	Alterations of Functional Brain Connectivity After Long-Duration Spaceflight as Revealed by fMRI. <i>Frontiers in Physiology</i> , 2019, 10, 761.	2.8	63
12	Variations in CT Utilization, Protocols, and Radiation Doses in COVID-19 Pneumonia: Results from 28 Countries in the IAEA Study. <i>Radiology</i> , 2021, 298, E141-E151.	7.3	59
13	Macro- and microstructural changes in cosmonauts' brains after long-duration spaceflight. <i>Science Advances</i> , 2020, 6, .	10.3	56
14	Proactive anti-inflammatory therapy with colchicine in the treatment of advanced stages of new coronavirus infection. The first results of the COLORIT study. <i>Kardiologiya</i> , 2021, 61, 15-27.	0.7	41
15	Functional connectivity of the dorsolateral prefrontal cortex contributes to different components of executive functions. <i>International Journal of Psychophysiology</i> , 2020, 151, 70-79.	1.0	39
16	Steroid pulse -therapy in patients With coronAvirus Pneumonia (COVID-19), sYstemic inFlammation And Risk of vEnous thRombosis and thromboembolism (WAYFARER Study). <i>Kardiologiya</i> , 2020, 60, 15-29.	0.7	36
17	Impact of COVID-19 on Cardiovascular Testing in the United States Versus the Rest of the World. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 1787-1799.	5.3	32
18	Consensus Guidelines of Russian Society of Radiology (RSR) and Russian Association of Specialists in Ultrasound Diagnostics in Medicine (RASUDM) «Role of Imaging (X-ray, CT and US) in Diagnosis of COVID-19 Pneumonia» (version 2). <i>Vestnik Rentgenologii i Radiologii</i> , 2020, 101, 72-89.	0.2	29

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19	Noncompaction cardiomyopathy is caused by a novel in-frame desmin (DES) deletion mutation within the 1A coiled-coil rod segment leading to a severe filament assembly defect. Human Mutation, 2019, 40, 734-741.	2.5	26
20	The Desmin (DES) Mutation p.A337P Is Associated with Left-Ventricular Non-Compaction Cardiomyopathy. Genes, 2021, 12, 121.	2.4	26
21	The effect of prolonged spaceflight on cerebrospinal fluid and perivascular spaces of astronauts and cosmonauts. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2120439119.	7.1	26
22	Association of lipoprotein(a) excess with early vein graft occlusions in middle-aged men undergoing coronary artery bypass surgery. Journal of Thoracic and Cardiovascular Surgery, 2003, 126, 1071-1075.	0.8	21
23	Modulation of Intrinsic Brain Connectivity by Implicit Electroencephalographic Neurofeedback. Frontiers in Human Neuroscience, 2020, 14, 192.	2.0	21
24	Worldwide Disparities in Recovery of Cardiac Testing 1 Year Into COVID-19. Journal of the American College of Cardiology, 2022, 79, 2001-2017.	2.8	21
25	Results of Open-Label non-Randomized Comparative Clinical Trial: â€œBromhexine and Spironolactone for Coronâ„žvirUs Infection requiring hospiTalization (BISCUIT). Kardiologiya, 2020, 60, 4-15.	0.7	20
26	Hemi- and Homozygous Loss-of-Function Mutations in DSG2 (Desmoglein-2) Cause Recessive Arrhythmogenic Cardiomyopathy with an Early Onset. International Journal of Molecular Sciences, 2021, 22, 3786.	4.1	19
27	Impact of COVID-19 on the imaging diagnosis of cardiac disease in Europe. Open Heart, 2021, 8, e001681.	2.3	17
28	Brain Connectometry Changes in Space Travelers After Long-Duration Spaceflight. Frontiers in Neural Circuits, 2022, 16, 815838.	2.8	17
29	DES GENE MUTATION IN A FAMILY OF PROBAND WITH MYOFIBRILLARY MYOPATHY AND NON-COMPACTION CARDIOMYOPATHY, RESULTED IN CARDIAC TRANSPLANTATION. Russian Journal of Cardiology, 2017, , 9-16.	1.4	13
30	Magnetic resonance imaging in coronary heart disease. European Journal of Radiology, 2001, 38, 191-199.	2.6	10
31	Preoperative CT-based detection of extrapancreatic perineural invasion in pancreatic cancer. Scientific Reports, 2021, 11, 1800.	3.3	10
32	MYOCARDITIS AS A LEGITIMATE PHENOMENON IN NON-COMPACTION MYOCARDIUM: DIAGNOSTICS, MANAGEMENT AND INFLUENCE ON OUTCOMES. Russian Journal of Cardiology, 2018, , 44-52.	1.4	9
33	Calcification of coronary arteries in early rheumatoid arthritis prior to anti-rheumatic therapy. Rheumatology International, 2018, 38, 211-217.	3.0	8
34	Morphologically proved ANCA positive Loefflerâ€™s pancarditis: medical and surgical treatment. Terapevticheskii Arkhiv, 2019, 91, 99-106.	0.8	8
35	Localization of the Motor and Speech Zones of the Cerebral Cortex by Functional Magnetic Resonance Tomography. Neuroscience and Behavioral Physiology, 2004, 34, 431-437.	0.4	7
36	Cognitive function and the emotional state of stroke patients on antihypertensive therapy. Neuroscience and Behavioral Physiology, 2007, 37, 13-17.	0.4	7

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37	Collaboration, campaigns and champions for appropriate imaging: feedback from the Zagreb workshop. <i>Insights Into Imaging</i> , 2018, 9, 211-214.	3.4	7
38	Familial left ventricular noncompaction: phenotypes and clinical course. Results of the multicenter registry. <i>Terapevticheskii Arkhiv</i> , 2021, 93, 381-388.	0.8	7
39	The Double Mutation DSG2-p.S363X and TBX20-p.D278X Is Associated with Left Ventricular Non-Compaction Cardiomyopathy: Case Report. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6775.	4.1	7
40	Noninvasive assessment of the fractional reserve of coronary blood flow with a one-dimensional mathematical model. Preliminary results of the pilot study. <i>Russian Journal of Cardiology</i> , 2019, 24, 60-68.	1.4	7
41	Potential of platelet interaction with collagen substrates by heparin is insensitive to aspirin. <i>Thrombosis Research</i> , 1988, 52, 573-585.	1.7	6
42	Effects of chronic low-frequency electrical stimulation of human knee extensor muscles exposed to static passive stretching. <i>Human Physiology</i> , 2006, 32, 74-80.	0.4	5
43	Noninvasive Assessment of the Fractional Flow Reserve with the CT FFRc 1D Method: Final Results of a Pilot Study. <i>Global Heart</i> , 2021, 16, 1.	2.3	5
44	THE SPECIFICS OF NONCOMPACTED CARDIOMYOPATHY MANIFESTATION. <i>Cardiovascular Therapy and Prevention (Russian Federation)</i> , 2015, 14, 78.	1.4	5
45	Transitory decrease of platelet count, aggregation and adhesion after plasmapheresis and immunosorption procedures. <i>Thrombosis Research</i> , 1987, 48, 505-510.	1.7	4
46	Cardiac Dual-Energy CT with Late Iodine Enhancement as an Alternative to Late Gadolinium Enhancement MRI. <i>Radiology</i> , 2018, 288, 692-693.	7.3	4
47	Neural Correlates of Group Versus Individual Problem Solving Revealed by fMRI. <i>Frontiers in Human Neuroscience</i> , 2020, 14, 290.	2.0	4
48	New Variant of MYH7 Gene Nucleotide Sequence in Familial Non-Compaction Cardiomyopathy with Benign Course. <i>Rational Pharmacotherapy in Cardiology</i> , 2020, 16, 383-391.	0.8	4
49	Impact of the first wave of coronavirus disease 2019 (COVID-19) pandemic on the diagnosis of heart disease in the Russian Federation: results from the IAEA Nuclear Cardiology Protocols Study (INCAPS). <i>Russian Journal of Cardiology</i> , 2021, 26, 4276.	1.4	4
50	CARDIOMYOPATHY IN THE FRIEDREICH ATAXIA: CLINICAL PRESENTATION AND DIAGNOSTICS OF COMPLICATIONS. <i>Russian Journal of Cardiology</i> , 2017, , 100-106.	1.4	4
51	Response to Letter Regarding Article, "Effect of Intensive Versus Standard Lipid-Lowering Treatment With Atorvastatin on the Progression of Calcified Coronary Atherosclerosis Over 12 Months: A Multicenter, Randomized, Double-Blind Trial" <i>Circulation</i> , 2006, 114, .	1.6	3
52	Analysis and Interpretation of Perfusion CT in Oncology: Type of Cancer Matters. <i>Radiology</i> , 2019, 292, 636-637.	7.3	3
53	Scintigraphy false-positive results for cardiac amyloidosis in a patient with Danon disease. <i>Clinical Case Reports (discontinued)</i> , 2021, 9, e04652.	0.5	3
54	Non-invasive fractional flow reserve: a comparison of one-dimensional and three-dimensional mathematical modeling effectiveness. <i>Cardiovascular Therapy and Prevention (Russian Federation)</i> , 2020, 19, 2303.	1.4	3

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55	Calcium score as a screening method for cardiovascular disease diagnosis. Russian Journal of Cardiology, 2019, , 153-161.	1.4	3
56	Neural Mechanisms of Theory of Mind in Autism and Schizophrenia: A Review of fMRI Studies. Kliničeskaĭ Special'naĭ Psihologiĭ, 2020, 9, 17-46.	0.5	3
57	Variant of the <i>FLNC</i> gene nucleotide sequence in a family with different phenotypic manifestations of left ventricular non-compaction. Russian Journal of Cardiology, 2021, 26, 4748.	1.4	3
58	A Case of Severe Left-Ventricular Noncompaction Associated with Splicing Altering Variant in the FHOD3 Gene. Genes, 2022, 13, 309.	2.4	3
59	Regional pericarditis following uncomplicated catheter ablation procedure: a case report. European Heart Journal - Case Reports, 2022, 6, ytab525.	0.6	3
60	The non-compact left ventricle cardiomyopathy: clinical features and diagnostic capabilities. Rational Pharmacotherapy in Cardiology, 2015, 11, 638-642.	0.8	2
61	Context-dependency in the Cognitive Bias Task and Resting-state Functional Connectivity of the Dorsolateral Prefrontal Cortex. Journal of the International Neuropsychological Society, 2020, 26, 749-762.	1.8	2
62	Opportunities to reduce the radiation exposure during computed tomography to assess the changes in the lungs in patients with COVID-19: use of adaptive statistical iterative reconstruction. Digital Diagnostics, 2021, 2, 94-104.	0.6	2
63	Magnetic Resonance Spectroscopy in the Diagnosis and Prognosis of Breast Cancer. Vestnik Rentgenologii I Radiologii, 2019, 100, 293-297.	0.2	2
64	The non-compacted myocardium in patients with hemochromatosis: a phenomenon or cardiopathy? The role of magnetic resonance imaging and molecular genetics in diagnosis. Russian Journal of Cardiology, 2020, 25, 3759.	1.4	2
65	The economy of health service in Russia and the development of modern diagnostic modalities. Academic Radiology, 1998, 5, S382-S384.	2.5	1
66	Development of clinical MR imaging in Russia and other CIS countries. Journal of Magnetic Resonance Imaging, 2001, 13, 645-647.	3.4	1
67	Electron-beam computed tomography in assessment of coronary lesions before and after stenting in a patient with Kawasaki disease. European Journal of Radiology Extra, 2003, 45, 109-113.	0.1	1
68	Pathogenic Variant Rs1471414348 of the TTN Gene in the Patient with Familial Left Ventricular Noncompaction Cardiomyopathy. Rational Pharmacotherapy in Cardiology, 2019, 15, 524-529.	0.8	1
69	Possible role of anti-IL17 drugs in the management of COVID-19: our own experience and literature review. Immunologiya, 2021, 42, 243-253.	0.3	1
70	Cardiovascular magnetic resonance in myocardial infarction with non-obstructive coronary arteries. Terapevticheskii Arkhiv, 2021, 93, 376-380.	0.8	1
71	Looking for neural correlates of sustained inattention blindness with single trial per subject design in fMRI. Journal of Vision, 2015, 15, 447.	0.3	1
72	Cardiac magnetic resonance imaging in patients with hypertrophic cardiomyopathy: diagnostic and prognostic value. Russian Journal of Cardiology, 2019, , 131-136.	1.4	1

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73	Professional standards and unsolved issues of vocational training of radiologists. Vestnik Rentgenologii I Radiologii, 2016, 97, 314-318.	0.2	1
74	A case of hypertrophic cardiomyopathy with “burned-out” apex of the left ventricle due to mid-ventricular obstruction. Clinical Case Reports and Reviews, 2016, 2, .	0.1	1
75	Idiopathic dilatation of the right atrium: A case report. Clinical Case Reports and Reviews, 2016, 2, .	0.1	1
76	PULSE REDUCTION IN MANAGEMENT OF HYPERTROPHIC CARDIOMYOPATHY (TWO CLINICAL CASES). Russian Journal of Cardiology, 2017, , 104-112.	1.4	1
77	MAGNETIC RESONANCE CHARACTERISTICS OF THE NEUROVASCULAR RELATIONSHIP AS A PROBABLE PREDICTOR OF TRIGEMINAL NEURALGIA. Vestnik Rentgenologii I Radiologii, 2018, 99, 231-236.	0.2	1
78	The diagnostic value of low-dose chest computed tomography for calcium score determining compared with the standard method and the results of computed tomography and selective coronary angiography. Russian Journal of Cardiology, 2019, , 16-21.	1.4	1
79	Contrast enhanced magnetic resonance imaging in assessment of aortic atherosclerosis and its relation to severity of myocardial injury due to infarction. Russian Journal of Cardiology, 2019, , 10-14.	1.4	1
80	Chest MRI of a pregnant woman with COVID-19 pneumonia. Digital Diagnostics, 2020, 1, 61-68.	0.6	1
81	The Possibility for Iodine Concentration Determination in a Phantom with Known Titters of an Iodine-Containing Contrast Agent, by Using Dual-Energy Computed Tomography. Vestnik Rentgenologii I Radiologii, 2020, 100, 335-338.	0.2	1
82	Modern methods of radiologic diagnosis of gastric cancer. Diagnostic Radiology and Radiotherapy, 2020, 11, 26-32.	0.2	1
83	The combination of left ventricular non-compaction and hypertrophic cardiomyopathy in one family with a pathogenic variant in the MYBPC3 gene (rs397516037). Russian Journal of Cardiology, 2020, 25, 4115.	1.4	1
84	Progress in CT and Advances in Image Reconstruction. Radiology, 2022, 303, 349-350.	7.3	1
85	A foreign body in the digestive tract. Age group: adults and children. The main positions of the national clinical recommendations approved by the Ministry of Health in December 2021. Endoscopic Surgery, 2022, 28, 5.	0.2	1
86	Detection of extracellular myocardial matrix with Dual Energy computed tomography: systematic review and meta-analysis. Medical Visualization, 2022, 26, 77-86.	0.4	1
87	ACUTE DECOMPENSATION OF HYPERTENSIVE HEART DISEASE IN PATIENT WITH MALIGNANT URINARY BLADDER PARAGANGLIOMA: STAGES OF DIAGNOSTICS AND TREATMENT. Rational Pharmacotherapy in Cardiology, 2018, 14, 370-378.	0.8	0
88	Back Cover, Volume 40, Issue 6. Human Mutation, 2019, 40, ii.	2.5	0
89	Functional Brain Connectivity in Speech Disfluency Perception. Advances in Intelligent Systems and Computing, 2021, , 541-546.	0.6	0
90	Radiation diagnostics of cerebral cavernous malformations. Digital Diagnostics, 2021, 2, 39-48.	0.6	0

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91	Left renal vein stenting: indications, disputable points, immediate and long-term results. Andrologia I Genital'naa Hirurgia, 2021, 22, 28-37.	0.2	0
92	The Present View of the Correlation of Breast Vascular Calcifications with Coronary Artery Calcifications. Vestnik Rentgenologii I Radiologii, 2021, 102, 134-142.	0.2	0
93	Evaluation of Breast Vascular Calcifications as a Predictor for Coronary Artery Calcification. Vestnik Rentgenologii I Radiologii, 2021, 102, 196-202.	0.2	0
94	Progression of Aortic Valve Calcification and Coronary Atherosclerosis: Similar but Not the Same. Radiology, 2021, 300, 87-88.	7.3	0
95	Dual-energy computed tomography for head and neck cancer: a literature review. Digital Diagnostics, 0, , .	0.6	0
96	Cavernous malformations of the brain and modern views on their treatment. Digital Diagnostics, 2021, 2, 200-210.	0.6	0
97	X-ray endovascular methods for the treatment of veno-occlusive erectile dysfunction. Andrologia I Genital'naa Hirurgia, 2021, 22, 24-34.	0.2	0
98	Diagnostic value of standard and modified echocardiographic criteria for left ventricular noncompaction. Cardiovascular Therapy and Prevention (Russian Federation), 2021, 20, 2823.	1.4	0
99	Assessment of Using 18F-Fluorodeoxyglucose Positron Emission Tomography/Computed Tomography in Patients with Carcinoma of Unknown Primary. Vestnik Rentgenologii I Radiologii, 2021, 102, 208-216.	0.2	0
100	FUNCTIONAL AND DIFFUSION-TENSOR MAGNETIC RESONANCE IMAGING IN DETECTION OF ALZHEIMERâ€™S DISEASE ON EARLY STAGES. Vestnik Rentgenologii I Radiologii, 2017, 98, 320-326.	0.2	0
101	EVALUATION OF FACTORS AFFECTING THE LONG-TERM RESULTS OF MAGNETIC RESONANCE IMAGING GUIDED FOCUSED ULTRASOUND ABLATION OF UTERINE FIBROIDS. Vestnik Rentgenologii I Radiologii, 2017, 98, 86-91.	0.2	0
102	INFLUENCE OF QUANTITATIVE CHARACTERISTICS ON MRI-GUIDED FOCUSED ULTRASOUND ABLATION OF UTERINE FIBROIDS: THE POTENTIAL USE OF SIGNAL INTENSITY VALUES FROM FIBROID IN T2-WI AS A CRITERION FOR PATIENT SELECTION. Vestnik Rentgenologii I Radiologii, 2017, 98, 185-191.	0.2	0
103	Current approaches to magnetic resonance imaging diagnosis of epileptogenic and associated lesions of the brain. Nevrologiya, Neiropsikhiatriya, Psikhosomatika, 2018, 10, 4-11.	1.2	0
104	Constrictive pericarditis in a patient with inherited factor VII deficiency. Terapevticheskii Arkhiv, 2018, 90, 86-90.	0.8	0
105	Iron Overload in Patients with Paroxysmal Nocturnal Hemoglobinuria. Blood, 2018, 132, 1051-1051.	1.4	0
106	The use of diffusion-tensor imaging to assess microstructural integrity of white matter of patients with Alzheimerâ€™s disease. Vestnik Rentgenologii I Radiologii, 2019, 99, 295-304.	0.2	0
107	Correlation of the size, histology subtype of breast cancer at the time of detection, and the tumor grade. Vestnik Nacional'no Mediko-hirurgiĖskogo Centra Im N I Pirogova, 2019, 14, 45-48.	0.1	0
108	Use of Radiographic Criteria for Proximal Humeral Head Migration After Dislocation of the Shoulder to Identify Damage to Its Rotator Cuff. Vestnik Rentgenologii I Radiologii, 2019, 100, 95-101.	0.2	0

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109	Evaluating the Efficiency of Work of the Department of Computed Tomography and Magnetic Resonance Imaging. Vestnik Rentgenologii i Radiologii, 2019, 100, 278-285.	0.2	0
110	Gradient of luminal narrowing of internal carotid artery on atherosclerotic plaque as risk factor for cerebral ischemic damage. Russian Journal of Cardiology, 2019, , 62-69.	1.4	0
111	Estimation of the Diagnostic Value of the Shape of Trigeminal Nerves and Their Neurovascular Relationships in the Diagnosis of Trigeminal Neuralgia. Vestnik Rentgenologii i Radiologii, 2020, 100, 339-346.	0.2	0
112	The frequency and character of community-acquired pneumonia comparison before and during the COVID-19 epidemic in the multi-specialty hospital. Digital Diagnostics, 2020, 1, 37-47.	0.6	0
113	The relationship of clinical and anamnestic characteristics of patients with classical trigeminal neuralgia with the anatomical characteristics of neurovascular conflict. Diagnostic Radiology and Radiotherapy, 2022, 12, 33-40.	0.2	0
114	The role of PET-CT with ^{18}F -FDG in initial assessment of patients with carcinoma of unknown primary (CUP) in the head and neck. Medical Visualization, 0, , .	0.4	0
115	Contrast-induced acute renal injury: the modern state of issue. Medical Visualization, 0, , .	0.4	0
116	The role of PET-CT with ^{18}F -FDG in initial assessment of patients with carcinoma of unknown primary (CUP) in the head and neck. Medical Visualization, 2022, 26, 21-26.	0.4	0
117	Contrast-induced acute renal injury: the modern state of issue. Medical Visualization, 2022, 26, 27-39.	0.4	0
118	Role of magnetic resonance imaging and dual-energy computed tomography in diagnosis of adult heart rhabdomyoma: A clinical case. Sibirskij $\frac{3}{4}$ urnal Kliničeskij i Eksperimental'noj Meditsiny, 2022, 37, 129-134.	0.4	0
119	Evaluation of breast arterial calcification as a predictor coronary artery calcification. Medical Visualization, 2022, 26, 113-124.	0.4	0
120	Contribution of analysis of perfusion iodine maps to diagnostic of acute pulmonary thromboembolism. Medical Visualization, 0, , .	0.4	0
121	Stereotactic radiosurgery of recurrent malignant gliomas. Vestnik Nevrologii, Psihiatrii i Nejrohirurgii, 2022, , 324-337.	0.1	0