

# Valentin E Sinitsyn

## List of Publications by Citations

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102  
papers

1,663  
citations

17  
h-index

40  
g-index

131  
ext. papers

2,275  
ext. citations

3.6  
avg, IF

3.96  
L-index

#	Paper	IF	Citations
102	A clinical prediction rule for the diagnosis of coronary artery disease: validation, updating, and extension. <i>European Heart Journal</i> , <b>2011</b> , 32, 1316-30	9.5	325
101	Muscle volume, MRI relaxation times (T2), and body composition after spaceflight. <i>Journal of Applied Physiology</i> , <b>2000</b> , 89, 2158-64	3.7	256
100	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> , <b>2006</b> , 113, 427-37	16.7	203
99	Prediction model to estimate presence of coronary artery disease: retrospective pooled analysis of existing cohorts. <i>BMJ, The</i> , <b>2012</b> , 344, e3485	5.9	148
98	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> , <b>2018</b> , 39, 3715-3723	9.5	77
97	Cortical reorganization in an astronaut's brain after long-duration spaceflight. <i>Brain Structure and Function</i> , <b>2016</b> , 221, 2873-6	4	66
96	Brain Tissue-Volume Changes in Cosmonauts. <i>New England Journal of Medicine</i> , <b>2018</b> , 379, 1678-1680	59.2	62
95	Brain ventricular volume changes induced by long-duration spaceflight. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 10531-10536	11.5	58
94	International Impact of COVID-19 on the Diagnosis of Heart Disease. <i>Journal of the American College of Cardiology</i> , <b>2021</b> , 77, 173-185	15.1	55
93	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> , <b>2018</b> , 28, 4086-4101	8	48
92	Alterations of Functional Brain Connectivity After Long-Duration Spaceflight as Revealed by fMRI. <i>Frontiers in Physiology</i> , <b>2019</b> , 10, 761	4.6	33
91	Macro- and microstructural changes in cosmonauts' brains after long-duration spaceflight. <i>Science Advances</i> , <b>2020</b> , 6,	14.3	24
90	[Steroid pulse -therapy in patients With coronAvirus Pneumonia (COVID-19), sYstemic inFlammation And Risk of vEnous thRombosis and thromboembolism (WAYFARER Study)]. <i>Kardiologiya</i> , <b>2020</b> , 60, 15-29	1.5	23
89	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> , <b>2021</b> , 61, 15-27	1.5	21
88	Variations in CT Utilization, Protocols, and Radiation Doses in COVID-19 Pneumonia: Results from 28 Countries in the IAEA Study. <i>Radiology</i> , <b>2021</b> , 298, E141-E151	20.5	20
87	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> , <b>2020</b> , 101, 72-89	0.3	19
86	Association of lipoprotein(a) excess with early vein graft occlusions in middle-aged men undergoing coronary artery bypass surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2003</b> , 126, 1071-5	1.5	18

85	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. <i>Human Mutation</i> , <b>2019</b> , 40, 734-741	4.7	15
84	DES GENE MUTATION IN A FAMILY OF PROBAND WITH MYOFIBRILLARY MYOPATHY AND NON-COMPACTION CARDIOMYOPATHY, RESULTED IN CARDIAC TRANSPLANTATION. <i>Russian Journal of Cardiology</i> , <b>2017</b> , 9-16	1.3	12
83	Functional connectivity of the dorsolateral prefrontal cortex contributes to different components of executive functions. <i>International Journal of Psychophysiology</i> , <b>2020</b> , 151, 70-79	2.9	11
82	[Results of Open-Label non-Randomized Comparative Clinical Trial: "Bromhexine and Spironolactone for Coronavirus Infection requiring hospitalization (BISCUIT)]. <i>Kardiologiya</i> , <b>2020</b> , 60, 4-15	1.5	10
81	The Desmin ( ) Mutation p.A337P Is Associated with Left-Ventricular Non-Compaction Cardiomyopathy. <i>Genes</i> , <b>2021</b> , 12,	4.2	9
80	Magnetic resonance imaging in coronary heart disease. <i>European Journal of Radiology</i> , <b>2001</b> , 38, 191-9	4.7	8
79	Impact of COVID-19 on Cardiovascular Testing in the United States Versus the Rest of the World. <i>JACC: Cardiovascular Imaging</i> , <b>2021</b> , 14, 1787-1799	8.4	8
78	Calcification of coronary arteries in early rheumatoid arthritis prior to anti-rheumatic therapy. <i>Rheumatology International</i> , <b>2018</b> , 38, 211-217	3.6	7
77	Localization of the motor and speech zones of the cerebral cortex by functional magnetic resonance tomography. <i>Neuroscience and Behavioral Physiology</i> , <b>2004</b> , 34, 431-7	0.3	7
76	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> , <b>2019</b> , 24, 60-68	1.3	6
75	Morphologically proved ANCA positive Loeffler's pancarditis: medical and surgical treatment. <i>Terapevticheskii Arkhiv</i> , <b>2019</b> , 91, 99-106	0.9	6
74	Effects of chronic low-frequency electrical stimulation of human knee extensor muscles exposed to static passive stretching. <i>Human Physiology</i> , <b>2006</b> , 32, 74-80	0.3	5
73	Potential of platelet interaction with collagen substrates by heparin is insensitive to aspirin. <i>Thrombosis Research</i> , <b>1988</b> , 52, 573-85	8.2	5
72	Collaboration, campaigns and champions for appropriate imaging: feedback from the Zagreb workshop. <i>Insights Into Imaging</i> , <b>2018</b> , 9, 211-214	5.6	4
71	Cognitive function and the emotional state of stroke patients on antihypertensive therapy. <i>Neuroscience and Behavioral Physiology</i> , <b>2007</b> , 37, 13-7	0.3	4
70	Transitory decrease of platelet count, aggregation and adhesion after plasmapheresis and immunosorption procedures. <i>Thrombosis Research</i> , <b>1987</b> , 48, 505-10	8.2	4
69	Hemi- and Homozygous Loss-of-Function Mutations in DSG2 (Desmoglein-2) Cause Recessive Arrhythmogenic Cardiomyopathy with an Early Onset. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	4
68	Familial left ventricular noncompaction: phenotypes and clinical course. Results of the multicenter registry. <i>Terapevticheskii Arkhiv</i> , <b>2021</b> , 93, 381-388	0.9	4

67	Preoperative CT-based detection of extrapancreatic perineural invasion in pancreatic cancer. <i>Scientific Reports</i> , <b>2021</b> , 11, 1800	4.9	4
66	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> , <b>2021</b> , 26, 4276	1.3	4
65	THE SPECIFICS OF NONCOMPACTED CARDIOMYOPATHY MANIFESTATION. <i>Cardiovascular Therapy and Prevention (Russian Federation)</i> , <b>2015</b> , 14, 78	0.9	3
64	MYOCARDITIS AS A LEGITIMATE PHENOMENON IN NON-COMPACTION MYOCARDIUM: DIAGNOSTICS, MANAGEMENT AND INFLUENCE ON OUTCOMES. <i>Russian Journal of Cardiology</i> , <b>2018</b> , 44-52	1.3	3
63	Neural Mechanisms of Theory of Mind in Autism and Schizophrenia: A Review of fMRI Studies. <i>Kliničeskāi Specialnāi Psihologiā</i> , <b>2020</b> , 9, 17-46	0.6	3
62	Noninvasive Assessment of the Fractional Flow Reserve with the CT FFRc 1D Method: Final Results of a Pilot Study. <i>Global Heart</i> , <b>2021</b> , 16, 1	2.9	3
61	Context-dependency in the Cognitive Bias Task and Resting-state Functional Connectivity of the Dorsolateral Prefrontal Cortex. <i>Journal of the International Neuropsychological Society</i> , <b>2020</b> , 26, 749-762 <sup>3.1</sup>		2
60	New Variant of MYH7 Gene Nucleotide Sequence in Familial Non-Compaction Cardiomyopathy with Benign Course. <i>Rational Pharmacotherapy in Cardiology</i> , <b>2020</b> , 16, 383-391	0.5	2
59	Modulation of Intrinsic Brain Connectivity by Implicit Electroencephalographic Neurofeedback. <i>Frontiers in Human Neuroscience</i> , <b>2020</b> , 14, 192	3.3	2
58	Cardiac Dual-Energy CT with Late Iodine Enhancement as an Alternative to Late Gadolinium Enhancement MRI. <i>Radiology</i> , <b>2018</b> , 288, 692-693	20.5	2
57	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> , <b>2006</b> , 114,	16.7	2
56	CARDIOMYOPATHY IN THE FRIEDREICH ATAXIA: CLINICAL PRESENTATION AND DIAGNOSTICS OF COMPLICATIONS. <i>Russian Journal of Cardiology</i> , <b>2017</b> , 100-106	1.3	2
55	Non-invasive fractional flow reserve: a comparison of one-dimensional and three-dimensional mathematical modeling effectiveness. <i>Cardiovascular Therapy and Prevention (Russian Federation)</i> , <b>2020</b> , 19, 2303	0.9	2
54	Variant of the FLNC gene nucleotide sequence in a family with different phenotypic manifestations of left ventricular non-compaction. <i>Russian Journal of Cardiology</i> , <b>2021</b> , 26, 4748	1.3	2
53	Brain Connectometry Changes in Space Travelers After Long-Duration Spaceflight.. <i>Frontiers in Neural Circuits</i> , <b>2022</b> , 16, 815838	3.5	2
52	The effect of prolonged spaceflight on cerebrospinal fluid and perivascular spaces of astronauts and cosmonauts.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2022</b> , 119, e2120439119	11.5	2
51	Analysis and Interpretation of Perfusion CT in Oncology: Type of Cancer Matters. <i>Radiology</i> , <b>2019</b> , 292, 636-637	20.5	1
50	The non-compact left ventricle cardiomyopathy: clinical features and diagnostic capabilities. <i>Rational Pharmacotherapy in Cardiology</i> , <b>2015</b> , 11, 638-642	0.5	1

49	Electron-beam computed tomography in assessment of coronary lesions before and after stenting in a patient with Kawasaki disease. <i>European Journal of Radiology Extra</i> , <b>2003</b> , 45, 109-113		1
48	Development of clinical MR imaging in Russia and other CIS countries. <i>Journal of Magnetic Resonance Imaging</i> , <b>2001</b> , 13, 645-7	5.6	1
47	The economy of health service in Russia and the development of modern diagnostic modalities. <i>Academic Radiology</i> , <b>1998</b> , 5 Suppl 2, S382-4	4.3	1
46	Cardiac magnetic resonance imaging in patients with hypertrophic cardiomyopathy: diagnostic and prognostic value. <i>Russian Journal of Cardiology</i> , <b>2019</b> , 131-136	1.3	1
45	Modern methods of radiologic diagnosis of gastric cancer. <i>Diagnostic Radiology and Radiotherapy</i> , <b>2020</b> , 11, 26-32	0.4	1
44	Magnetic Resonance Spectroscopy in the Diagnosis and Prognosis of Breast Cancer. <i>Vestnik Rentgenologii I Radiologii</i> , <b>2019</b> , 100, 293-297	0.3	1
43	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. <i>Russian Journal of Cardiology</i> , <b>2019</b> , 16-21	1.3	1
42	Calcium score as a screening method for cardiovascular disease diagnosis. <i>Russian Journal of Cardiology</i> , <b>2019</b> , 153-161	1.3	1
41	Contrast enhanced magnetic resonance imaging in assessment of aortic atherosclerosis and its relation to severity of myocardial injury due to infarction. <i>Russian Journal of Cardiology</i> , <b>2019</b> , 10-14	1.3	1
40	The Double Mutation -p.S363X and -p.D278X Is Associated with Left Ventricular Non-Compaction Cardiomyopathy: Case Report. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	1
39	Scintigraphy false-positive results for cardiac amyloidosis in a patient with Danon disease. <i>Clinical Case Reports (discontinued)</i> , <b>2021</b> , 9, e04652	0.7	1
38	Regional pericarditis following uncomplicated catheter ablation procedure: a case report.. <i>European Heart Journal - Case Reports</i> , <b>2022</b> , 6, ytab525	0.9	1
37	Worldwide Disparities in Recovery of Cardiac Testing 1 Year Into COVID-19.. <i>Journal of the American College of Cardiology</i> , <b>2022</b> , 79, 2001-2017	15.1	1
36	The non-compacted myocardium in patients with hemochromatosis: a phenomenon or cardiopathy? The role of magnetic resonance imaging and molecular genetics in diagnosis. <i>Russian Journal of Cardiology</i> , <b>2020</b> , 25, 3759	1.3	0
35	Chest MRI of a pregnant woman with COVID-19 pneumonia. <i>Digital Diagnostics</i> , <b>2020</b> , 1, 61-68	1.8	0
34	The Possibility for Iodine Concentration Determination in a Phantom with Known Titters of an Iodine-Containing Contrast Agent, by Using Dual-Energy Computed Tomography. <i>Vestnik Rentgenologii I Radiologii</i> , <b>2020</b> , 100, 335-338	0.3	0
33	Neural Correlates of Group Versus Individual Problem Solving Revealed by fMRI. <i>Frontiers in Human Neuroscience</i> , <b>2020</b> , 14, 290	3.3	0
32	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. <i>Digital Diagnostics</i> , <b>2021</b> , 2, 94-104	1.8	0

31	Pathogenic Variant Rs1471414348of the TTN Gene in the Patient with Familial Left Ventricular Noncompaction Cardiomyopathy. <i>Rational Pharmacotherapy in Cardiology</i> , <b>2019</b> , 15, 524-529	0.5
30	The relationship of clinical and anamnestic characteristics of patients with classical trigeminal neuralgia with the anatomical characteristics of neurovascular conflict. <i>Diagnostic Radiology and Radiotherapy</i> , <b>2022</b> , 12, 33-40	0.4
29	A Case of Severe Left-Ventricular Noncompaction Associated with Splicing Altering Variant in the Gene.. <i>Genes</i> , <b>2022</b> , 13,	4.2
28	The combination of left ventricular non-compaction and hypertrophic cardiomyopathy in one family with a pathogenic variant in the MYBPC3 gene (rs397516037). <i>Russian Journal of Cardiology</i> , <b>2020</b> , 25, 4115	1.3
27	Current approaches to magnetic resonance imaging diagnosis of epileptogenic and associated lesions of the brain. <i>Nevrologiya, Neuropsikhiatriya, Psikhosomatika</i> , <b>2018</b> , 10, 4-11	0.7
26	Constrictive pericarditis in a patient with inherited factor VII deficiency. <i>Terapevticheskii Arkhiv</i> , <b>2018</b> , 90, 86-90	0.9
25	Recommendations of Group of States Against Corruption (GRECO) on Improving the Legislation of the Russian Federation on Legal Immunities of Prosecutors and Investigators. <i>Russian Journal of Criminology</i> , <b>2018</b> , 12, 731-737	0.5
24	Iron Overload in Patients with Paroxysmal Nocturnal Hemoglobinuria. <i>Blood</i> , <b>2018</b> , 132, 1051-1051	2.2
23	MAGNETIC RESONANCE CHARACTERISTICS OF THE NEUROVASCULAR RELATIONSHIP AS A PROBABLE PREDICTOR OF TRIGEMINAL NEURALGIA. <i>Vestnik Rentgenologii I Radiologii</i> , <b>2018</b> , 99, 231-238	0.3
22	The use of diffusion-tensor imaging to assess microstructural integrity of white matter of patients with Alzheimer's disease. <i>Vestnik Rentgenologii I Radiologii</i> , <b>2019</b> , 99, 295-304	0.3
21	Correlation of the size, histology subtype of breast cancer at the time of detection, and the tumor grade. <i>Vestnik Nacional'nogo Mediko-hirurgičeskogo Centra Im N I Pirogova</i> , <b>2019</b> , 14, 45-48	0.1
20	Use of Radiographic Criteria for Proximal Humeral Head Migration After Dislocation of the Shoulder to Identify Damage to Its Rotator Cuff. <i>Vestnik Rentgenologii I Radiologii</i> , <b>2019</b> , 100, 95-101	0.3
19	Evaluating the Efficiency of Work of the Department of Computed Tomography and Magnetic Resonance Imaging. <i>Vestnik Rentgenologii I Radiologii</i> , <b>2019</b> , 100, 278-285	0.3
18	Gradient of luminal narrowing of internal carotid artery on atherosclerotic plaque as risk factor for cerebral ischemic damage. <i>Russian Journal of Cardiology</i> , <b>2019</b> , 62-69	1.3
17	Estimation of the Diagnostic Value of the Shape of Trigeminal Nerves and Their Neurovascular Relationships in the Diagnosis of Trigeminal Neuralgia. <i>Vestnik Rentgenologii I Radiologii</i> , <b>2020</b> , 100, 339-346	0.3
16	The frequency and character of community-acquired pneumonia comparison before and during the COVID-19 epidemic in the multi-specialty hospital. <i>Digital Diagnostics</i> , <b>2020</b> , 1, 37-47	1.8
15	Radiation diagnostics of cerebral cavernous malformations. <i>Digital Diagnostics</i> , <b>2021</b> , 2, 39-48	1.8
14	Cardiovascular magnetic resonance in myocardial infarction with non-obstructive coronary arteries. <i>Terapevticheskii Arkhiv</i> , <b>2021</b> , 93, 376-380	0.9

13	Left renal vein stenting: indications, disputable points, immediate and long-term results. <i>Andrologia I Genitaljnaa Hirurgia</i> , <b>2021</b> , 22, 28-37	0.5
12	The Present View of the Correlation of Breast Vascular Calcifications with Coronary Artery Calcifications. <i>Vestnik Rentgenologii I Radiologii</i> , <b>2021</b> , 102, 134-142	0.3
11	Evaluation of Breast Vascular Calcifications as a Predictor for Coronary Artery Calcification. <i>Vestnik Rentgenologii I Radiologii</i> , <b>2021</b> , 102, 196-202	0.3
10	Functional Brain Connectivity in Speech Disfluency Perception. <i>Advances in Intelligent Systems and Computing</i> , <b>2021</b> , 541-546	0.4
9	ACUTE DECOMPENSATION OF HYPERTENSIVE HEART DISEASE IN PATIENT WITH MALIGNANT URINARY BLADDER PARAGANGLIOMA: STAGES OF DIAGNOSTICS AND TREATMENT. <i>Rational Pharmacotherapy in Cardiology</i> , <b>2018</b> , 14, 370-378	0.5
8	Cavernous malformations of the brain and modern views on their treatment. <i>Digital Diagnostics</i> , <b>2021</b> , 2, 200-210	1.8
7	X-ray endovascular methods for the treatment of veno-occlusive erectile dysfunction. <i>Andrologia I Genitaljnaa Hirurgia</i> , <b>2021</b> , 22, 24-34	0.5
6	Diagnostic value of standard and modified echocardiographic criteria for left ventricular noncompaction. <i>Cardiovascular Therapy and Prevention (Russian Federation)</i> , <b>2021</b> , 20, 2823	0.9
5	Assessment of Using 18F-Fluorodeoxyglucose Positron Emission Tomography/Computed Tomography in Patients with Carcinoma of Unknown Primary. <i>Vestnik Rentgenologii I Radiologii</i> , <b>2021</b> , 102, 208-216	0.3
4	The role of PET-CT with 18F-FDG in initial assessment of patients with carcinoma of unknown primary (CUP) in the head and neck. <i>Medical Visualization</i> , <b>2022</b> , 26, 21-26	0.2
3	Contrast-induced acute renal injury: the modern state of issue. <i>Medical Visualization</i> , <b>2022</b> , 26, 27-39	0.2
2	Role of magnetic resonance imaging and dual-energy computed tomography in diagnosis of adult heart rhabdomyoma: A clinical case. <i>Sibirskij Ūrnal Kliničeskoj I Ėksperimental'noj Mediciny</i> , <b>2022</b> , 37, 129-134	0.3
1	Evaluation of breast arterial calcification as a predictor coronary artery calcification. <i>Medical Visualization</i> , <b>2022</b> , 26, 113-124	0.2