Vitaly A Sorokin

List of Publications by Year
in descending order

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35 papers	901 citations	516710 16 h-index	477307 29 g-index
36 all docs	36 docs citations	36 times ranked	1585 citing authors

#	Article	IF	Citations
1	Role of Vascular Smooth Muscle Cell Plasticity and Interactions in Vessel Wall Inflammation. Frontiers in Immunology, 2020, 11, 599415.	4.8	153
2	Plasma-derived Extracellular Vesicles Contain Predictive Biomarkers and Potential Therapeutic Targets for Myocardial Ischemic (MI) Injury. Molecular and Cellular Proteomics, 2016, 15, 2628-2640.	3.8	97
3	Genetic and Epigenetic Mechanisms Underlying Vascular Smooth Muscle Cell Phenotypic Modulation in Abdominal Aortic Aneurysm. International Journal of Molecular Sciences, 2020, 21, 6334.	4.1	79
4	Plasma Ceramides as Prognostic Biomarkers and Their Arterial and Myocardial Tissue Correlates in AcuteÂMyocardial Infarction. JACC Basic To Translational Science, 2018, 3, 163-175.	4.1	64
5	Acute aortic dissection in the ED: risk factors and predictors for missed diagnosis. American Journal of Emergency Medicine, 2012, 30, 1622-1626.	1.6	59
6	Choosing the appropriate configuration and cannulation strategies for extracorporeal membrane oxygenation: the potential dynamic process of organ support and importance of hybrid modes. European Journal of Heart Failure, 2017, 19, 75-83.	7.1	58
7	Metabolic Adaptation to a Disruption in Oxygen Supply during Myocardial Ischemia and Reperfusion Is Underpinned by Temporal and Quantitative Changes in the Cardiac Proteome. Journal of Proteome Research, 2012, 11, 2331-2346.	3.7	46
8	Characteristics of aortic wall extracellular matrix in patients with acute myocardial infarction: tissue microarray detection of collagen I, collagen III and elastin levels. Interactive Cardiovascular and Thoracic Surgery, 2013, 16, 11-15.	1.1	37
9	Quantitative profiling of the rat heart myoblast secretome reveals differential responses to hypoxia and re-oxygenation stress. Journal of Proteomics, 2014, 98, 138-149.	2.4	31
10	The Interaction between 30b-5p miRNA and MBNL1 mRNA is Involved in Vascular Smooth Muscle Cell Differentiation in Patients with Coronary Atherosclerosis. International Journal of Molecular Sciences, 2020, 21, 11.	4.1	31
11	Distinctive molecular signature and activated signaling pathways in aortic smooth muscle cells of patients with myocardial infarction. Atherosclerosis, 2018, 271, 237-244.	0.8	29
12	Ethnicity Modifies Associations between Cardiovascular Risk Factors and Disease Severity in Parallel Dutch and Singapore Coronary Cohorts. PLoS ONE, 2015, 10, e0132278.	2.5	28
13	Simultaneous Enrichment of Plasma Soluble and Extracellular Vesicular Glycoproteins Using Prolonged Ultracentrifugation-Electrostatic Repulsion-hydrophilic Interaction Chromatography (PUC-ERLIC) Approach*. Molecular and Cellular Proteomics, 2015, 14, 1657-1671.	3.8	28
14	Monocyte adhesion to atherosclerotic matrix proteins is enhanced by Asn-Gly-Arg deamidation. Scientific Reports, 2017, 7, 5765.	3.3	23
15	Gene expression profile analysis of aortic vascular smooth muscle cells reveals upregulation of cadherin genes in myocardial infarction patients. Physiological Genomics, 2018, 50, 648-657.	2.3	18
16	Myocardial Injury Is Distinguished from Stable Angina by a Set of Candidate Plasma Biomarkers Identified Using iTRAQ/MRM-Based Approach. Journal of Proteome Research, 2018, 17, 499-515.	3.7	17
17	Differential MicroRNA Expression Profile in Myxomatous Mitral Valve Prolapse and Fibroelastic Deficiency Valves. International Journal of Molecular Sciences, 2016, 17, 753.	4.1	14
18	Transcriptome alterations of vascular smooth muscle cells in aortic wall of myocardial infarction patients. Data in Brief, 2018, 17, 1112-1135.	1.0	13

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19	Coronary artery bypass grafting in patients with low ejection fraction: what are the risk factors?. Journal of Cardiovascular Surgery, 2019, 60, 396-405.	0.6	12
20	Combined Open and Endovascular Repair of Acute Type A Aortic Dissection. Annals of Thoracic Surgery, 2007, 83, 666-668.	1.3	11
21	Role of Serpina3 in vascular biology. International Journal of Cardiology, 2020, 304, 154-155.	1.7	11
22	Aging-induced isoDGR-modified fibronectin activates monocytic and endothelial cells to promote atherosclerosis. Atherosclerosis, 2021, 324, 58-68.	0.8	10
23	Impact of the coronavirus disease 2019 (COVID-19) pandemic on the care of patients with acute and chronic aortic conditions. European Journal of Cardio-thoracic Surgery, 2021, 59, 1096-1102.	1.4	9
24	Simple and quick repair of cardiac rupture due to blunt chest trauma. Asian Cardiovascular and Thoracic Annals, 2012, 20, 64-65.	0.5	4
25	Hybrid type II and frozen elephant trunk in acute Stanford type A aortic dissections. Scandinavian Cardiovascular Journal, 2022, 56, 91-99.	1.2	4
26	Aortic Wall Extracellular Matrix Proteins Correlate with Syntax Score in Patients Undergoing Coronary Artery Bypass Surgery. Open Cardiovascular Medicine Journal, 2016, 10, 48-56.	0.3	3
27	Resolution of Ascending Aortic Dissection in a Stanford Type A Patient. Annals of Thoracic Surgery, 2013, 96, 1066-1067.	1.3	2
28	Mid-term single-center outcomes of BioIntegral compared to Freestyle aortic conduit implantation. Journal of Cardiovascular Surgery, 2020, 61, 512-519.	0.6	2
29	Comparison of different surgical techniques in 112 consecutive patients with aortic root operations: when should the valve be spared?. Journal of Heart Valve Disease, 2014, 23, 9-16.	0.5	2
30	Quality of Life Shift after Aortic Valve Replacement in the Era of TAVI: Single-Center Class Comparison Study Between Different Procedural Techniques. Journal of Heart Valve Disease, 2015, 24, 540-53.	0.5	2
31	Coronary and arch hybrid surgery in a patient with infrarenal aortic occlusion. Asian Cardiovascular and Thoracic Annals, 2018, 26, 148-150.	0.5	1
32	Unusual presentation of Aspergillus aortitis after aortic valve surgery with massive hemoptysis. JTCVS Techniques, 2021, 6, 63-65.	0.4	1
33	Consequences of incomplete repair of acute type A aortic dissection. Interactive Cardiovascular and Thoracic Surgery, 2008, 7, 1121-1123.	1.1	0
34	Extubation to facilitate motherâ€“baby bonding in refractory acute respiratory distress syndrome. Intensive Care Medicine, 2014, 40, 1558-1559.	8.2	0
35	A mysterious cause of constrictive pericarditis: unfolding of the missing link. European Heart Journal Cardiovascular Imaging, 2018, 19, 474-474.	1.2	0