Galina K Sukhova

List of Publications by Year
in descending order

51 papers	9,031 citations	126907 33 h-index	182427 51 g-index
51 all docs	51 docs citations	51 times ranked	11389 citing authors

#	Article	IF	Citations
1	Clonal Hematopoiesis and Risk of Atherosclerotic Cardiovascular Disease. New England Journal of Medicine, 2017, 377, 111-121.	27.0	1,738
2	Reduction of atherosclerosis in mice by inhibition of CD40 signalling. Nature, 1998, 394, 200-203.	27.8	851
3	Evidence for Increased Collagenolysis by Interstitial Collagenases-1 and -3 in Vulnerable Human Atheromatous Plaques. Circulation, 1999, 99, 2503-2509.	1.6	623
4	PPARÎ± Activators Inhibit Cytokine-Induced Vascular Cell Adhesion Molecule-1 Expression in Human Endothelial Cells. Circulation, 1999, 99, 3125-3131.	1.6	584
5	Expression of Interleukin (IL)-18 and Functional IL-18 Receptor on Human Vascular Endothelial Cells, Smooth Muscle Cells, and Macrophages. Journal of Experimental Medicine, 2002, 195, 245-257.	8.5	455
6	Cystatin C deficiency in human atherosclerosis and aortic aneurysms. Journal of Clinical Investigation, 1999, 104, 1191-1197.	8.2	397
7	Death of Smooth Muscle Cells and Expression of Mediators of Apoptosis by T Lymphocytes in Human Abdominal Aortic Aneurysms. Circulation, 1999, 99, 96-104.	1.6	367
8	PPARÎ³ Activation in Human Endothelial Cells Increases Plasminogen Activator Inhibitor Type-1 Expression. Arteriosclerosis, Thrombosis, and Vascular Biology, 1999, 19, 546-551.	2.4	355
9	TLR2 and neutrophils potentiate endothelial stress, apoptosis and detachment: implications for superficial erosion. European Heart Journal, 2015, 36, 1394-1404.	2.2	285
10	Systemic Delivery of MicroRNA-181b Inhibits Nuclear Factor-Î¹B Activation, Vascular Inflammation, and Atherosclerosis in Apolipoprotein Eâ€“Deficient Mice. Circulation Research, 2014, 114, 32-40.	4.5	263
11	Regulation of Matrix Metalloproteinase Expression in Human Vascular Smooth Muscle Cells by T Lymphocytes. Circulation Research, 1997, 81, 448-454.	4.5	262
12	Evidence for Altered Balance Between Matrix Metalloproteinases and Their Inhibitors in Human Aortic Diseases. Circulation, 1997, 95, 205-212.	1.6	251
13	Statins Reduce Inflammation in Atheroma of Nonhuman Primates Independent of Effects on Serum Cholesterol. Arteriosclerosis, Thrombosis, and Vascular Biology, 2002, 22, 1452-1458.	2.4	215
14	Mast cells modulate the pathogenesis of elastase-induced abdominal aortic aneurysms in mice. Journal of Clinical Investigation, 2007, 117, 3359-3368.	8.2	209
15	Roles of PAD4 and NETosis in Experimental Atherosclerosis and Arterial Injury. Circulation Research, 2018, 123, 33-42.	4.5	205
16	TH2 Predominant Immune Responses Prevail in Human Abdominal Aortic Aneurysm. American Journal of Pathology, 2002, 161, 499-506.	3.8	183
17	Augmented Expression and Activity of Extracellular Matrix-Degrading Enzymes in Regions of Low Endothelial Shear Stress Colocalize With Coronary Atheromata With Thin Fibrous Caps in Pigs. Circulation, 2011, 123, 621-630.	1.6	142
18	Flow Perturbation Mediates Neutrophil Recruitment and Potentiates Endothelial Injury via TLR2 in Mice. Circulation Research, 2017, 121, 31-42.	4.5	141

#	Article	IF	Citations
19	Cysteine protease cathepsins in cardiovascular disease: from basic research to clinical trials. Nature Reviews Cardiology, 2018, 15, 351-370.	13.7	136
20	Moderate Hypoxia Potentiates Interleukin-1Î² Production in Activated Human Macrophages. Circulation Research, 2014, 115, 875-883.	4.5	123
21	Expression of Tissue Inhibitor of Metalloproteinases-3 in Human Atheroma and Regulation in Lesion-Associated Cells. Circulation Research, 1998, 83, 270-278.	4.5	111
22	Stage-dependent differential effects of interleukin-1 isoforms on experimental atherosclerosis. European Heart Journal, 2019, 40, 2482-2491.	2.2	102
23	Cathepsin K Deficiency Reduces Elastase Perfusionâ€“Induced Abdominal Aortic Aneurysms in Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 15-23.	2.4	89
24	Molecular Determinants of Atherosclerotic Plaque Vulnerability^a. Annals of the New York Academy of Sciences, 1997, 811, 134-145.	3.8	81
25	Interleukin 18 function in atherosclerosis is mediated by the interleukin 18 receptor and the Na-Cl co-transporter. Nature Medicine, 2015, 21, 820-826.	30.7	81
26	Increased Microvascularization and Vessel Permeability Associate With Active Inflammation in Human Atheromata. Circulation: Cardiovascular Imaging, 2014, 7, 920-929.	2.6	74
27	Cathepsin L Activity Is Essential to Elastase Perfusionâ€“Induced Abdominal Aortic Aneurysms in Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 2500-2508.	2.4	71
28	Rap1 induces cytokine production in pro-inflammatory macrophages through NFÎºB signaling and is highly expressed in human atherosclerotic lesions. Cell Cycle, 2015, 14, 3580-3592.	2.6	66
29	Angiotensin II-induced TLR4 mediated abdominal aortic aneurysm in apolipoprotein E knockout mice is dependent on STAT3. Journal of Molecular and Cellular Cardiology, 2015, 87, 160-170.	1.9	60
30	LncRNA VINAS regulates atherosclerosis by modulating NF-ÎºB and MAPK signaling. JCI Insight, 2020, 5, .	5.0	53
31	S100A9-RAGE Axis Accelerates Formation of Macrophage-Mediated Extracellular Vesicle Microcalcification in Diabetes Mellitus. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 1838-1853.	2.4	52
32	Adipocytes promote interleukin-18 binding to its receptors during abdominal aortic aneurysm formation in mice. European Heart Journal, 2020, 41, 2456-2468.	2.2	42
33	IgE Contributes to Atherosclerosis and Obesity by Affecting Macrophage Polarization, Macrophage Protein Network, and Foam Cell Formation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 597-610.	2.4	41
34	Eosinophils Protect Mice From Angiotensin-II Perfusionâ€“Induced Abdominal Aortic Aneurysm. Circulation Research, 2021, 128, 188-202.	4.5	33
35	Differential Roles of Cysteinyl Cathepsins in TGF-Î² Signaling and Tissue Fibrosis. IScience, 2019, 19, 607-622.	4.1	30
36	A Smooth Muscle Cellâ€“Enriched Long Noncoding RNA Regulates Cell Plasticity and Atherosclerosis by Interacting With Serum Response Factor. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 2399-2416.	2.4	30

#	Article	IF	Citations
37	CXCR3 Controls T-Cell Accumulation in Fat Inflammation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 1374-1381.	2.4	29
38	Allergic Lung Inflammation Aggravates Angiotensin IIâ€“Induced Abdominal Aortic Aneurysms in Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 69-77.	2.4	29
39	Activation of prostaglandin E2-EP4 signaling reduces chemokine production in adipose tissue. Journal of Lipid Research, 2015, 56, 358-368.	4.2	26
40	Targeted delivery of protein arginine deiminase-4 inhibitors to limit arterial intimal NETosis and preserve endothelial integrity. Cardiovascular Research, 2021, 117, 2652-2663.	3.8	24
41	Cathepsin K Deficiency Ameliorates Systemic Lupus Erythematosus-like Manifestations in Faslpr Mice. Journal of Immunology, 2017, 198, 1846-1854.	0.8	21
42	Loss-of-Function Mutations in Dnmt3a and Tet2 Lead to Accelerated Atherosclerosis and Convergent Macrophage Phenotypes in Mice. Blood, 2018, 132, 745-745.	1.4	21
43	Asthma Associates With Human Abdominal Aortic Aneurysm and Rupture. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 570-578.	2.4	20
44	Redundancy of IL-1 Isoform Signaling and Its Implications for Arterial Remodeling. PLoS ONE, 2016, 11, e0152474.	2.5	16
45	CD74 Deficiency Mitigates Systemic Lupus Erythematosusâ€“like Autoimmunity and Pathological Findings in Mice. Journal of Immunology, 2017, 198, 2568-2577.	0.8	13
46	Prothymosin Alpha: A Novel Contributor to Estradiol Receptor Alphaâ€“Mediated CD8 ⁺ T-Cell Pathogenic Responses and Recognition of Type 1 Collagen in Rheumatic Heart Valve Disease. Circulation, 2022, 145, 531-548.	1.6	12
47	Reduced Nhe1 (Na ⁺ -H ⁺ Exchanger-1) Function Protects ApoE-Deficient Mice From Ang II (Angiotensin II)â€“Induced Abdominal Aortic Aneurysms. Hypertension, 2020, 76, 87-100.	2.7	7
48	Deficiency of FcÏµR1 Increases Body Weight Gain but Improves Glucose Tolerance in Diet-Induced Obese Mice. Endocrinology, 2015, 156, 4047-4058.	2.8	5
49	Tilting at the tilted protease balance in arterial aneurysmal disease. Cardiovascular Research, 2017, 113, 1279-1281.	3.8	4
50	Endothelial Activation Potentiates Neointimal Lesion Formation in the Rabbit Aorta after Balloon Injury. Annals of the New York Academy of Sciences, 1997, 811, 448-458.	3.8	2
51	Novel Lesional Transcriptional Signature Separates Atherosclerosis With and Without Diabetes in Yorkshire Swine and Humans. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 1487-1503.	2.4	1