Galina K Sukhova

List of Publications by Citations

50 papers	6,913 citations	29 h-index	51 g-index
51 ext. papers	8,018 ext. citations	12.7 avg, IF	5.28 L-index

#	Paper	IF	Citations
50	Clonal Hematopoiesis and Risk of Atherosclerotic Cardiovascular Disease. *New England Journal of Medicine*, **2017**, 377, 111-121	59.2	991
49	Reduction of atherosclerosis in mice by inhibition of CD40 signalling. *Nature*, **1998**, 394, 200-3	50.4	751
48	Evidence for increased collagenolysis by interstitial collagenases-1 and -3 in vulnerable human atheromatous plaques. *Circulation*, **1999**, 99, 2503-9	16.7	549
47	PPARalpha activators inhibit cytokine-induced vascular cell adhesion molecule-1 expression in human endothelial cells. *Circulation*, **1999**, 99, 3125-31	16.7	519
46	Expression of interleukin (IL)-18 and functional IL-18 receptor on human vascular endothelial cells, smooth muscle cells, and macrophages: implications for atherogenesis. *Journal of Experimental Medicine*, **2002**, 195, 245-57	16.6	406
45	Cystatin C deficiency in human atherosclerosis and aortic aneurysms. *Journal of Clinical Investigation*, **1999**, 104, 1191-7	15.9	341
44	PPARgamma activation in human endothelial cells increases plasminogen activator inhibitor type-1 expression: PPARgamma as a potential mediator in vascular disease. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **1999**, 19, 546-51	9.4	324
43	Death of smooth muscle cells and expression of mediators of apoptosis by T lymphocytes in human abdominal aortic aneurysms. *Circulation*, **1999**, 99, 96-104	16.7	319
42	Systemic delivery of microRNA-181b inhibits nuclear factor-B activation, vascular inflammation, and atherosclerosis in apolipoprotein E-deficient mice. *Circulation Research*, **2014**, 114, 32-40	15.7	219
41	Regulation of matrix metalloproteinase expression in human vascular smooth muscle cells by T lymphocytes: a role for CD40 signaling in plaque rupture?. *Circulation Research*, **1997**, 81, 448-54	15.7	213
40	Evidence for altered balance between matrix metalloproteinases and their inhibitors in human aortic diseases. *Circulation*, **1997**, 95, 205-12	16.7	204
39	Statins reduce inflammation in atheroma of nonhuman primates independent of effects on serum cholesterol. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2002**, 22, 1452-8	9.4	196
38	TLR2 and neutrophils potentiate endothelial stress, apoptosis and detachment: implications for superficial erosion. *European Heart Journal*, **2015**, 36, 1394-404	9.5	190
37	Mast cells modulate the pathogenesis of elastase-induced abdominal aortic aneurysms in mice. *Journal of Clinical Investigation*, **2007**, 117, 3359-68	15.9	184
36	T(H)2 predominant immune responses prevail in human abdominal aortic aneurysm. *American Journal of Pathology*, **2002**, 161, 499-506	5.8	156
35	Roles of PAD4 and NETosis in Experimental Atherosclerosis and Arterial Injury: Implications for Superficial Erosion. *Circulation Research*, **2018**, 123, 33-42	15.7	125
34	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, 621-30	16.7	119

33	Expression of tissue inhibitor of metalloproteinases-3 in human atheroma and regulation in lesion-associated cells: a potential protective mechanism in plaque stability. *Circulation Research*, **1998**, 83, 270-8	15.7	101
32	Flow Perturbation Mediates Neutrophil Recruitment and Potentiates Endothelial Injury via TLR2 in Mice: Implications for Superficial Erosion. *Circulation Research*, **2017**, 121, 31-42	15.7	94
31	Moderate hypoxia potentiates interleukin-1β production in activated human macrophages. *Circulation Research*, **2014**, 115, 875-83	15.7	87
30	Cysteine protease cathepsins in cardiovascular disease: from basic research to clinical trials. *Nature Reviews Cardiology*, **2018**, 15, 351-370	14.8	81
29	Cathepsin K deficiency reduces elastase perfusion-induced abdominal aortic aneurysms in mice. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2012**, 32, 15-23	9.4	78
28	Molecular determinants of atherosclerotic plaque vulnerability. *Annals of the New York Academy of Sciences*, **1997**, 811, 134-42; discussion 142-5	6.5	74
27	Cathepsin L activity is essential to elastase perfusion-induced abdominal aortic aneurysms in mice. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2011**, 31, 2500-8	9.4	64
26	Stage-dependent differential effects of interleukin-1 isoforms on experimental atherosclerosis. *European Heart Journal*, **2019**, 40, 2482-2491	9.5	62
25	Interleukin 18 function in atherosclerosis is mediated by the interleukin 18 receptor and the Na-Cl co-transporter. *Nature Medicine*, **2015**, 21, 820-6	50.5	57
24	Increased microvascularization and vessel permeability associate with active inflammation in human atheromata. *Circulation: Cardiovascular Imaging*, **2014**, 7, 920-9	3.9	55
23	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, 160-70	5.8	46
22	Rap1 induces cytokine production in pro-inflammatory macrophages through NFB signaling and is highly expressed in human atherosclerotic lesions. *Cell Cycle*, **2015**, 14, 3580-92	4.7	42
21	Allergic Lung Inflammation Aggravates Angiotensin II-Induced Abdominal Aortic Aneurysms in Mice. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2016**, 36, 69-77	9.4	24
20	CXCR3 controls T-cell accumulation in fat inflammation. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2014**, 34, 1374-81	9.4	23
19	Adipocytes promote interleukin-18 binding to its receptors during abdominal aortic aneurysm formation in mice. *European Heart Journal*, **2020**, 41, 2456-2468	9.5	22
18	Activation of prostaglandin E2-EP4 signaling reduces chemokine production in adipose tissue. *Journal of Lipid Research*, **2015**, 56, 358-68	6.3	21
17	S100A9-RAGE Axis Accelerates Formation of Macrophage-Mediated Extracellular Vesicle Microcalcification in Diabetes Mellitus. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2020**, 40, 1838-1853	9.4	21
16	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	9.4	19

15	Asthma Associates With Human Abdominal Aortic Aneurysm and Rupture. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2016**, 36, 570-8	9.4	17
14	LncRNA VINAS regulates atherosclerosis by modulating NF-B and MAPK signaling. *JCI Insight*, **2020**, 5,	9.9	17
13	Cathepsin K Deficiency Ameliorates Systemic Lupus Erythematosus-like Manifestations in Mice. *Journal of Immunology*, **2017**, 198, 1846-1854	5.3	14
12	Differential Roles of Cysteinyl Cathepsins in TGF- Signaling and Tissue Fibrosis. *IScience*, **2019**, 19, 607-622	6.1	14
11	Loss-of-Function Mutations in Dnmt3a and Tet2 Lead to Accelerated Atherosclerosis and Convergent Macrophage Phenotypes in Mice. *Blood*, **2018**, 132, 745-745	2.2	13
10	Eosinophils Protect Mice From Angiotensin-II Perfusion-Induced Abdominal Aortic Aneurysm. *Circulation Research*, **2021**, 128, 188-202	15.7	13
9	Redundancy of IL-1 Isoform Signaling and Its Implications for Arterial Remodeling. *PLoS ONE*, **2016**, 11, e0152474	3.7	12
8	Targeted delivery of protein arginine deiminase-4 inhibitors to limit arterial intimal NETosis and preserve endothelial integrity. *Cardiovascular Research*, **2021**, 117, 2652-2663	9.9	10
7	CD74 Deficiency Mitigates Systemic Lupus Erythematosus-like Autoimmunity and Pathological Findings in Mice. *Journal of Immunology*, **2017**, 198, 2568-2577	5.3	9
6	A Smooth Muscle Cell-Enriched Long Noncoding RNA Regulates Cell Plasticity and Atherosclerosis by Interacting With Serum Response Factor. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2021**, 41, 2399-2416	9.4	6
5	Deficiency of Fc?R1 Increases Body Weight Gain but Improves Glucose Tolerance in Diet-Induced Obese Mice. *Endocrinology*, **2015**, 156, 4047-58	4.8	4
4	Endothelial activation potentiates neointimal lesion formation in the rabbit aorta after balloon injury. *Annals of the New York Academy of Sciences*, **1997**, 811, 448-58	6.5	2
3	Reduced Nhe1 (Na-H Exchanger-1) Function Protects ApoE-Deficient Mice From Ang II (Angiotensin II)-Induced Abdominal Aortic Aneurysms. *Hypertension*, **2020**, 76, 87-100	8.5	1
2	Novel Lesional Transcriptional Signature Separates Atherosclerosis With and Without Diabetes in Yorkshire Swine and Humans. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2021**, 41, 1487-1503	9.4	1
1	Prothymosin Alpha: A Novel Contributor to Estradiol Receptor Alpha-Mediated CD8 T-Cell Pathogenic Responses and Recognition of Type 1 Collagen in Rheumatic Heart Valve Disease.. *Circulation*, **2022**, 145, 531-548	16.7	0