Andrei Maiseyeu

List of Publications by Year
in descending order

48 papers	2,342 citations	331670 21 h-index	206112 48 g-index

51 all docs	51 docs citations	51 times ranked	4060 citing authors

#	Article	IF	Citations
1	Long-Term Dipeptidyl-Peptidase 4 Inhibition Reduces Atherosclerosis and Inflammation via Effects on Monocyte Recruitment and Chemotaxis. Circulation, 2011, 124, 2338-2349.	1.6	335
2	Chronic Fine Particulate Matter Exposure Induces Systemic Vascular Dysfunction via NADPH Oxidase and TLR4 Pathways. Circulation Research, 2011, 108, 716-726.	4.5	275
3	Air Pollutionâ€“Mediated Susceptibility to Inflammation and Insulin Resistance: Influence of CCR2 Pathways in Mice. Environmental Health Perspectives, 2014, 122, 17-26.	6.0	168
4	DPP4 in Cardiometabolic Disease. Circulation Research, 2015, 116, 1491-1504.	4.5	156
5	CD36-Dependent 7-Ketocholesterol Accumulation in Macrophages Mediates Progression of Atherosclerosis in Response to Chronic Air Pollution Exposure. Circulation Research, 2014, 115, 770-780.	4.5	148
6	Acute DPP-4 inhibition modulates vascular tone through GLP-1 independent pathways. Vascular Pharmacology, 2011, 55, 2-9.	2.1	137
7	Blood-Borne Lipopolysaccharide Is Rapidly Eliminated by Liver Sinusoidal Endothelial Cells via High-Density Lipoprotein. Journal of Immunology, 2016, 197, 2390-2399.	0.8	91
8	Hybrid nanoparticles improve targeting to inflammatory macrophages through phagocytic signals. Journal of Controlled Release, 2015, 217, 243-255.	9.9	83
9	Concerted Action of Aldehyde Dehydrogenases Influences Depot-Specific Fat Formation. Molecular Endocrinology, 2011, 25, 799-809.	3.7	82
10	Central IKKÎ² inhibition prevents air pollution mediated peripheral inflammation and exaggeration of type II diabetes. Particle and Fibre Toxicology, 2014, 11, 53.	6.2	78
11	Gadolinium-containing phosphatidylserine liposomes for molecular imaging of atherosclerosis. Journal of Lipid Research, 2009, 50, 2157-2163.	4.2	77
12	Ambient fine particulate matter and ozone exposures induce inflammation in epicardial and perirenal adipose tissues in rats fed a high fructose diet. Particle and Fibre Toxicology, 2013, 10, 43.	6.2	67
13	Pulmonary T cell activation in response to chronic particulate air pollution. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 302, L399-L409.	2.9	55
14	Scavenger receptor B1, the HDL receptor, is expressed abundantly in liver sinusoidal endothelial cells. Scientific Reports, 2016, 6, 20646.	3.3	51
15	Exercise-mediated changes in high-density lipoprotein: Impact on form and function. American Heart Journal, 2013, 166, 392-400.	2.7	45
16	Effect of co-exposure to nickel and particulate matter on insulin resistance and mitochondrial dysfunction in a mouse model. Particle and Fibre Toxicology, 2012, 9, 40.	6.2	43
17	Effects of a Novel Pharmacologic Inhibitor of Myeloperoxidase in a Mouse Atherosclerosis Model. PLoS ONE, 2012, 7, e50767.	2.5	41
18	â€œEat meâ€•imaging and therapy. Advanced Drug Delivery Reviews, 2016, 99, 2-11.	13.7	39

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19	Air pollution-derived particulate matter dysregulates hepatic Krebs cycle, glucose and lipid metabolism in mice. Scientific Reports, 2019, 9, 17423.	3.3	37
20	In Vivo Targeting of Inflammation-Associated Myeloid-Related Protein 8/14 Via Gadolinium Immunonanoparticles. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 962-970.	2.4	26
21	Renin-sensitive microRNAs correlate with atherosclerosis plaque progression. Journal of Human Hypertension, 2014, 28, 251-258.	2.2	25
22	Nano-Antagonist Alleviates Inflammation and Allows for MRI of Atherosclerosis. Nanotheranostics, 2019, 3, 342-355.	5.2	22
23	Lipoic Acid Attenuates Innate Immune Infiltration and Activation in the Visceral Adipose Tissue of Obese Insulin Resistant Mice. Lipids, 2011, 46, 1021-1032.	1.7	19
24	Detection of macrophages via paramagnetic vesicles incorporating oxidatively tailored cholesterol ester: an approach for atherosclerosis imaging. Nanomedicine, 2010, 5, 1341-1356.	3.3	18
25	Low-density lipoprotein nanomedicines: mechanisms of targeting, biology, and theranostic potential. Drug Delivery, 2021, 28, 408-421.	5.7	17
26	Differential contribution of bone marrow-derived infiltrating monocytes and resident macrophages to persistent lung inflammation in chronic air pollution exposure. Scientific Reports, 2020, 10, 14348.	3.3	16
27	The prolonged survival of fibroblasts with forced lipid catabolism in visceral fat following encapsulation in alginate-poly-l-lysine. Biomaterials, 2012, 33, 5638-5649.	11.4	15
28	A novel method for the oxidation of thiophenes. Synthesis of thiophene 1,1-dioxides containing electron-withdrawing substituents. Russian Chemical Bulletin, 2004, 53, 2241-2247.	1.5	14
29	Thiophene 1,1-dioxides as unique building blocks in modern organic synthesis and materials chemistry. Russian Chemical Reviews, 2006, 75, 1015-1048.	6.5	14
30	In vitro uptake of apoptotic body mimicking phosphatidylserine-quantum dot micelles by monocytic cell line. Nanoscale Research Letters, 2014, 9, 176.	5.7	14
31	Chemo-, regio- and stereoselective Dielsâ€“Alder reactions of EWG bearing thiophene-1,1-dioxides. Tetrahedron, 2005, 61, 10880-10885.	1.9	13
32	Aliskiren Effect on Plaque Progression in Established Atherosclerosis Using High Resolution 3D MRI (ALPINE): A Doubleâ€Blind Placeboâ€Controlled Trial. Journal of the American Heart Association, 2013, 2, e004879.	3.7	12
33	Lipoprotein effects of incretin analogs and dipeptidyl peptidase 4 inhibitors. Clinical Lipidology, 2015, 10, 103-112.	0.4	12
34	[6+4] Cycloaddition reactions of acceptor thiophene dioxides: The synthesis of substituted azulenes. Russian Chemical Bulletin, 2006, 55, 141-146.	1.5	11
35	No effect of acute exposure to coarse particulate matter air pollution in a rural location on high-density lipoprotein function. Inhalation Toxicology, 2014, 26, 23-29.	1.6	11
36	Methoxyphenol derivatives as reversible inhibitors of myeloperoxidase as potential antiatherosclerotic agents. Future Medicinal Chemistry, 2020, 12, 95-110.	2.3	10

#	Article	IF	Citations
37	Systemically-delivered biodegradable PLGA alters gut microbiota and induces transcriptomic reprogramming in the liver in an obesity mouse model. Scientific Reports, 2020, 10, 13786.	3.3	10
38	Modified methylenedioxyphenol analogs lower LDL cholesterol through induction of LDL receptor expression. Journal of Lipid Research, 2012, 53, 879-887.	4.2	8
39	Steadyâ€state firstâ€pass perfusion (SSFPP): A new approach to 3D firstâ€pass myocardial perfusion imaging. Magnetic Resonance in Medicine, 2014, 71, 133-144.	3.0	8
40	Reactions of acceptor substituted thiophene-1,1-dioxides with cyclopentadiene: control of selectivity by substitution. Tetrahedron, 2006, 62, 4139-4145.	1.9	7
41	Improved in vivo human carotid artery wall T2âŽ estimation. Magnetic Resonance Imaging, 2013, 31, 44-52.	1.8	7
42	Reactions of electron-withdrawing thiophene 1,1-dioxides with furans. A novel reaction pathway. Russian Chemical Bulletin, 2006, 55, 712-717.	1.5	6
43	Plaque-targeted, proteolysis-resistant, activatable and MRI-visible nano-GLP-1 receptor agonist targets smooth muscle cell differentiation in atherosclerosis. Theranostics, 2022, 12, 2741-2757.	10.0	5
44	Reactions of acceptor thiophene 1,1-dioxides with dienes. Synthesis of bisadducts. Russian Chemical Bulletin, 2005, 54, 2182-2186.	1.5	4
45	Epiregulin induces leptin secretion and energy expenditure in high-fat diet-fed mice. Journal of Endocrinology, 2018, 239, 377-388.	2.6	4
46	Facile Cholesterol Loading with a New Probe ezFlux Allows for Streamlined Cholesterol Efflux Assays. ACS Omega, 2020, 5, 23289-23298.	3.5	2
47	Non-antigenic regulators of targeting for imaging and therapy. Advanced Drug Delivery Reviews, 2016, 99, 1.	13.7	0
48	Abstract 469: Air Pollution Promotes CD36-Dependent Accumulation of Oxidized Lipids. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, .	2.4	0