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	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
2	Low-density lipoprotein nanomedicines: mechanisms of targeting, biology, and theranostic potential. Drug Delivery, 2021, 28, 408-421.	5.7	17
3	Methoxyphenol derivatives as reversible inhibitors of myeloperoxidase as potential antiatherosclerotic agents. Future Medicinal Chemistry, 2020, 12, 95-110.	2.3	10
4	Facile Cholesterol Loading with a New Probe ezFlux Allows for Streamlined Cholesterol Efflux Assays. ACS Omega, 2020, 5, 23289-23298.	3.5	2
5	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
6	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
7	Nano-Antagonist Alleviates Inflammation and Allows for MRI of Atherosclerosis. Nanotheranostics, 2019, 3, 342-355.	5.2	22
8	Air pollution-derived particulate matter dysregulates hepatic Krebs cycle, glucose and lipid metabolism in mice. Scientific Reports, 2019, 9, 17423.	3.3	37
9	Epiregulin induces leptin secretion and energy expenditure in high-fat diet-fed mice. Journal of Endocrinology, 2018, 239, 377-388.	2.6	4
10	Scavenger receptor B1, the HDL receptor, is expressed abundantly in liver sinusoidal endothelial cells. Scientific Reports, 2016, 6, 20646.	3.3	51
11	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
12	â€œEat meâ€•imaging and therapy. Advanced Drug Delivery Reviews, 2016, 99, 2-11.	13.7	39
13	Non-antigenic regulators of targeting for imaging and therapy. Advanced Drug Delivery Reviews, 2016, 99, 1.	13.7	0
14	DPP4 in Cardiometabolic Disease. Circulation Research, 2015, 116, 1491-1504.	4.5	156
15	Hybrid nanoparticles improve targeting to inflammatory macrophages through phagocytic signals. Journal of Controlled Release, 2015, 217, 243-255.	9.9	83
16	Lipoprotein effects of incretin analogs and dipeptidyl peptidase 4 inhibitors. Clinical Lipidology, 2015, 10, 103-112.	0.4	12
17	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
18	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

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19	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
20	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
21	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
22	Renin-sensitive microRNAs correlate with atherosclerosis plaque progression. Journal of Human Hypertension, 2014, 28, 251-258.	2.2	25
23	In vitro uptake of apoptotic body mimicking phosphatidylserine-quantum dot micelles by monocytic cell line. Nanoscale Research Letters, 2014, 9, 176.	5.7	14
24	Abstract 469: Air Pollution Promotes CD36-Dependent Accumulation of Oxidized Lipids. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, .	2.4	0
25	Exercise-mediated changes in high-density lipoprotein: Impact on form and function. American Heart Journal, 2013, 166, 392-400.	2.7	45
26	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
27	Improved in vivo human carotid artery wall T2âŽ estimation. Magnetic Resonance Imaging, 2013, 31, 44-52.	1.8	7
28	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
29	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
30	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
31	Modified methylenedioxyphenol analogs lower LDL cholesterol through induction of LDL receptor expression. Journal of Lipid Research, 2012, 53, 879-887.	4.2	8
32	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
33	Effects of a Novel Pharmacologic Inhibitor of Myeloperoxidase in a Mouse Atherosclerosis Model. PLoS ONE, 2012, 7, e50767.	2.5	41
34	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
35	Acute DPP-4 inhibition modulates vascular tone through GLP-1 independent pathways. Vascular Pharmacology, 2011, 55, 2-9.	2.1	137
36	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

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37	Chronic Fine Particulate Matter Exposure Induces Systemic Vascular Dysfunction via NADPH Oxidase and TLR4 Pathways. Circulation Research, 2011, 108, 716-726.	4.5	275
38	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
39	Concerted Action of Aldehyde Dehydrogenases Influences Depot-Specific Fat Formation. Molecular Endocrinology, 2011, 25, 799-809.	3.7	82
40	Detection of macrophages via paramagnetic vesicles incorporating oxidatively tailored cholesterol ester: an approach for atherosclerosis imaging. Nanomedicine, 2010, 5, 1341-1356.	3.3	18
41	Gadolinium-containing phosphatidylserine liposomes for molecular imaging of atherosclerosis. Journal of Lipid Research, 2009, 50, 2157-2163.	4.2	77
42	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
43	Reactions of acceptor substituted thiophene-1,1-dioxides with cyclopentadiene: control of selectivity by substitution. Tetrahedron, 2006, 62, 4139-4145.	1.9	7
44	Reactions of electron-withdrawing thiophene 1,1-dioxides with furans. A novel reaction pathway. Russian Chemical Bulletin, 2006, 55, 712-717.	1.5	6
45	[6+4] Cycloaddition reactions of acceptor thiophene dioxides: The synthesis of substituted azulenes. Russian Chemical Bulletin, 2006, 55, 141-146.	1.5	11
46	Chemo-, regio- and stereoselective Dielsâ€“Alder reactions of EWG bearing thiophene-1,1-dioxides. Tetrahedron, 2005, 61, 10880-10885.	1.9	13
47	Reactions of acceptor thiophene 1,1-dioxides with dienes. Synthesis of bisadducts. Russian Chemical Bulletin, 2005, 54, 2182-2186.	1.5	4
48	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