Yury I Miller

List of Publications by Year
in descending order

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54 papers	4,738 citations	126907 33 h-index	161849 54 g-index
56 all docs	56 docs citations	56 times ranked	7287 citing authors

#	Article	IF	Citations
1	Reduced AIBP expression in bronchial epithelial cells of asthmatic patients: Potential therapeutic target. Clinical and Experimental Allergy, 2022, 52, 979-984.	2.9	0
2	Intracellular AIBP (Apolipoprotein A-I Binding Protein) Regulates Oxidized LDL (Low-Density) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 T 2021, 41, e82-e96.	2.4	18
3	Normalization of cholesterol metabolism in spinal microglia alleviates neuropathic pain. Journal of Experimental Medicine, 2021, 218, .	8.5	51
4	Biology of Lipid Rafts: Introduction to the Thematic Review Series. Journal of Lipid Research, 2020, 61, 598-600.	4.2	14
5	Lipid rafts in glial cells: role in neuroinflammation and pain processing. Journal of Lipid Research, 2020, 61, 655-666.	4.2	55
6	AIBP protects retinal ganglion cells against neuroinflammation and mitochondrial dysfunction in glaucomatous neurodegeneration. Redox Biology, 2020, 37, 101703.	9.0	21
7	From Inert Storage to Biological Activityâ€"In Search of Identity for Oxidized Cholesteryl Esters. Frontiers in Endocrinology, 2020, 11, 602252.	3.5	21
8	Targeting Lipid Raftsâ€"A Potential Therapy for COVID-19. Frontiers in Immunology, 2020, 11, 574508.	4.8	45
9	Cholesterol Efflux-Independent Modification of Lipid Rafts by AIBP (Apolipoprotein A-I Binding) Tj ETQq1 1 0.784314 rgBT /Overlock 1	2.4	11
10	Lipid rafts as a therapeutic target. Journal of Lipid Research, 2020, 61, 687-695.	4.2	72
11	Inhibition of HIV Replication by Apolipoprotein A-I Binding Protein Targeting the Lipid Rafts. MBio, 2020, 11, .	4.1	24
12	Exosomes containing HIV protein Nef reorganize lipid rafts potentiating inflammatory response in bystander cells. PLoS Pathogens, 2019, 15, e1007907.	4.7	86
13	AIBP-mediated cholesterol efflux instructs hematopoietic stem and progenitor cell fate. Science, 2019, 363, 1085-1088.	12.6	90
14	Regulation of lipid rafts, angiogenesis and inflammation by AIBP. Current Opinion in Lipidology, 2019, 30, 218-223.	2.7	35
15	A monoclonal antibody to assess oxidized cholesteryl esters associated with apoAI and apoB-100 lipoproteins in human plasma. Journal of Lipid Research, 2019, 60, 436-445.	4.2	7
16	Lipoprotein lipase regulates hematopoietic stem progenitor cell maintenance through DHA supply. Nature Communications, 2018, 9, 1310.	12.8	22
17	Modeling hypercholesterolemia and vascular lipid accumulation in LDL receptor mutant zebrafish. Journal of Lipid Research, 2018, 59, 391-399.	4.2	34
18	AIBP protects against metabolic abnormalities and atherosclerosis. Journal of Lipid Research, 2018, 59, 854-863.	4.2	38

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19	Prdx1 (peroxiredoxin 1) deficiency reduces cholesterol efflux via impaired macrophage lipophagic flux. Autophagy, 2018, 14, 120-133.	9.1	62
20	Inhibition of Neuroinflammation by AIBP: Spinal Effects upon Facilitated Pain States. Cell Reports, 2018, 23, 2667-2677.	6.4	51
21	Graphene biointerfaces for optical stimulation of cells. Science Advances, 2018, 4, eaat0351.	10.3	68
22	Pseudopodium-enriched atypical kinase 1 mediates angiogenesis by modulating GATA2-dependent VEGFR2 transcription. Cell Discovery, 2018, 4, 26.	6.7	19
23	Oxidized phospholipids are proinflammatory and proatherogenic in hypercholesterolaemic mice. Nature, 2018, 558, 301-306.	27.8	359
24	Palmitate and minimally-modified low-density lipoprotein cooperatively promote inflammatory responses in macrophages. PLoS ONE, 2018, 13, e0193649.	2.5	9
25	Targeting toll-like receptor-4 (TLR4)â€"an emerging therapeutic target for persistent pain states. Pain, 2018, 159, 1908-1915.	4.2	88
26	AIBP augments cholesterol efflux from alveolar macrophages to surfactant and reduces acute lung inflammation. JCI Insight, 2018, 3, .	5.0	34
27	Oxidized cholesteryl esters and inflammation. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2017, 1862, 393-397.	2.4	56
28	AIBP Limits Angiogenesis Through Î³-Secretase-Mediated Upregulation of Notch Signaling. Circulation Research, 2017, 120, 1727-1739.	4.5	49
29	Context-Dependent Role of Oxidized Lipids and Lipoproteins in Inflammation. Trends in Endocrinology and Metabolism, 2017, 28, 143-152.	7.1	96
30	Deficient Cholesterol Esterification in Plasma of apoc2 Knockout Zebrafish and Familial Chylomicronemia Patients. PLoS ONE, 2017, 12, e0169939.	2.5	9
31	MD-2 binds cholesterol. Biochemical and Biophysical Research Communications, 2016, 470, 877-880.	2.1	17
32	Apoc2 loss-of-function zebrafish mutant as a genetic model of hyperlipidemia. DMM Disease Models and Mechanisms, 2015, 8, 989-98.	2.4	54
33	Oxidative Stress Activates Endothelial Innate Immunity via Sterol Regulatory Element Binding Protein 2 (SREBP2) Transactivation of MicroRNA-92a. Circulation, 2015, 131, 805-814.	1.6	127
34	SYK regulates macrophage MHC-II expression via activation of autophagy in response to oxidized LDL. Autophagy, 2015, 11, 785-795.	9.1	77
35	Polo-like kinase 2 regulates angiogenic sprouting and blood vessel development. Developmental Biology, 2015, 404, 49-60.	2.0	14
36	Reduced Dietary Omega-6 to Omega-3 Fatty Acid Ratio and 12/15-Lipoxygenase Deficiency Are Protective against Chronic High Fat Diet-Induced Steatohepatitis. PLoS ONE, 2014, 9, e107658.	2.5	47

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37	Release and Capture of Bioactive Oxidized Phospholipids and Oxidized Cholesteryl Esters During Percutaneous Coronary and Peripheral Arterial Interventions in Humans. Journal of the American College of Cardiology, 2014, 63, 1961-1971.	2.8	88
38	Zebrafish models of dyslipidemia: relevance to atherosclerosis and angiogenesis. Translational Research, 2014, 163, 99-108.	5.0	84
39	Control of angiogenesis by AIBP-mediated cholesterol efflux. Nature, 2013, 498, 118-122.	27.8	156
40	Oxidation-specific epitopes as targets for biotheranostic applications in humans. Current Opinion in Lipidology, 2013, 24, 426-437.	2.7	31
41	Polyoxygenated Cholesterol Ester Hydroperoxide Activates TLR4 and SYK Dependent Signaling in Macrophages. PLoS ONE, 2013, 8, e83145.	2.5	44
42	The SYK side of TLR4: signalling mechanisms in response to LPS and minimally oxidized LDL. British Journal of Pharmacology, 2012, 167, 990-999.	5.4	119
43	Spleen Tyrosine Kinase Regulates AP-1 Dependent Transcriptional Response to Minimally Oxidized LDL. PLoS ONE, 2012, 7, e32378.	2.5	28
44	Oxidation-Specific Epitopes Are Danger-Associated Molecular Patterns Recognized by Pattern Recognition Receptors of Innate Immunity. Circulation Research, 2011, 108, 235-248.	4.5	527
45	Lipoprotein Modification and Macrophage Uptake: Role of Pathologic Cholesterol Transport in Atherogenesis. Sub-Cellular Biochemistry, 2010, 51, 229-251.	2.4	111
46	Macrophages Generate Reactive Oxygen Species in Response to Minimally Oxidized Low-Density Lipoprotein. Circulation Research, 2009, 104, 210-218.	4.5	364
47	Toll-Like Receptor-4 and Lipoprotein Accumulation in Macrophages. Trends in Cardiovascular Medicine, 2009, 19, 227-232.	4.9	57
48	Oxidation-specific epitopes are dominant targets of innate natural antibodies in mice and humans. Journal of Clinical Investigation, 2009, 119, 1335-1349.	8.2	397
49	Toll-like receptors and atherosclerosis: oxidized LDL as an endogenous Toll-like receptor ligand. Future Cardiology, 2005, 1, 785-792.	1.2	30
50	Toll-Like Receptor 4â€“Dependent and â€“Independent Cytokine Secretion Induced by Minimally Oxidized Low-Density Lipoprotein in Macrophages. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 1213-1219.	2.4	243
51	Minimally Modified LDL Binds to CD14, Induces Macrophage Spreading via TLR4/MD-2, and Inhibits Phagocytosis of Apoptotic Cells. Journal of Biological Chemistry, 2003, 278, 1561-1568.	3.4	338
52	Actin Polymerization in Macrophages in Response to Oxidized LDL and Apoptotic Cells: Role of 12/15-Lipoxygenase and Phosphoinositide 3-Kinase. Molecular Biology of the Cell, 2003, 14, 4196-4206.	2.1	59
53	Oxidized low density lipoprotein and innate immune receptors. Current Opinion in Lipidology, 2003, 14, 437-445.	2.7	164
54	Trained Immunity and HIV Infection. Frontiers in Immunology, 0, 13, .	4.8	6