Lynn Roth

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

20 papers	799 citations	11 h-index	23 g-index
23 ext. papers	1,071 ext. citations	5.1 avg, IF	4.18 L-index

#	Paper	IF	Citations
20	Autophagy in the vasculature **2022**, 257-268		
19	Gasdermin D Deficiency Limits the Transition of Atherosclerotic Plaques to an Inflammatory Phenotype in ApoE Knock-Out Mice. *Biomedicines*, **2022**, 10, 1171	4.8	1
18	Serum Corticosterone and Insulin Resistance as Early Biomarkers in the hAPP23 Overexpressing Mouse Model of Alzheimer's Disease. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	5
17	Defective Autophagy in Vascular Smooth Muscle Cells Alters Vascular Reactivity of the Mouse Femoral Artery. *Frontiers in Physiology*, **2020**, 11, 548943	4.6	3
16	Nitric oxide donor molsidomine favors features of atherosclerotic plaque stability and reduces myocardial infarction in mice. *Vascular Pharmacology*, **2019**, 118-119, 106561	5.9	9
15	Dietary Polyphenols Targeting Arterial Stiffness: Interplay of Contributing Mechanisms and Gut Microbiome-Related Metabolism. *Nutrients*, **2019**, 11,	6.7	25
14	Pharmacological strategies to inhibit intra-plaque angiogenesis in atherosclerosis. *Vascular Pharmacology*, **2019**, 112, 72-78	5.9	18
13	Everolimus depletes plaque macrophages, abolishes intraplaque neovascularization and improves survival in mice with advanced atherosclerosis. *Vascular Pharmacology*, **2019**, 113, 70-76	5.9	10
12	Vascular smooth muscle cell death, autophagy and senescence in atherosclerosis. *Cardiovascular Research*, **2018**, 114, 622-634	9.9	192
11	Defective Autophagy in Atherosclerosis: To Die or to Senesce?. *Oxidative Medicine and Cellular Longevity*, **2018**, 2018, 7687083	6.7	78
10	Animal models of atherosclerosis. *European Journal of Pharmacology*, **2017**, 816, 3-13	5.3	241
9	Standard Immunohistochemical Assays to Assess Autophagy in Mammalian Tissue. *Cells*, **2017**, 6,	7.9	15
8	Angiotensin II increases coronary fibrosis, cardiac hypertrophy and the incidence of myocardial infarctions in ApoE-/-Fbn1C1039G+/- mice. *Acta Cardiologica*, **2016**, 71, 483-488	0.9	2
7	Cholesterol-independent effects of atorvastatin prevent cardiovascular morbidity and mortality in a mouse model of atherosclerotic plaque rupture. *Vascular Pharmacology*, **2016**, 80, 50-8	5.9	28
6	Cryotherapy increases features of plaque stability in atherosclerotic rabbits. *EuroIntervention*, **2016** , 12, 748-56	3.1	1
5	Linking CD11b (+) Dendritic Cells and Natural Killer T Cells to Plaque Inflammation in Atherosclerosis. *Mediators of Inflammation*, **2016**, 2016, 6467375	4.3	15
4	Impaired gait pattern as a sensitive tool to assess hypoxic brain damage in a novel mouse model of atherosclerotic plaque rupture. *Physiology and Behavior*, **2015**, 139, 397-402	3.5	13

3	Elastin fragmentation in atherosclerotic mice leads to intraplaque neovascularization, plaque rupture, myocardial infarction, stroke, and sudden death. *European Heart Journal*, **2015**, 36, 1049-58	9.5	108
2	Chronic intermittent mental stress promotes atherosclerotic plaque vulnerability, myocardial infarction and sudden death in mice. *Atherosclerosis*, **2015**, 242, 288-94	3.1	33
1	Development of atherosclerotic plaques in a mouse model of pseudoxanthoma elasticum. *Acta Cardiologica*, **2014**, 69, 687-92	0.9	1