

Lynn Roth

List of Publications by Citations

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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	Animal models of atherosclerosis. <i>European Journal of Pharmacology</i> , 2017 , 816, 3-13	5.3	241
19	Vascular smooth muscle cell death, autophagy and senescence in atherosclerosis. <i>Cardiovascular Research</i> , 2018 , 114, 622-634	9.9	192
18	Elastin fragmentation in atherosclerotic mice leads to intraplaque neovascularization, plaque rupture, myocardial infarction, stroke, and sudden death. <i>European Heart Journal</i> , 2015 , 36, 1049-58	9.5	108
17	Defective Autophagy in Atherosclerosis: To Die or to Senesce?. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 7687083	6.7	78
16	Chronic intermittent mental stress promotes atherosclerotic plaque vulnerability, myocardial infarction and sudden death in mice. <i>Atherosclerosis</i> , 2015 , 242, 288-94	3.1	33
15	Cholesterol-independent effects of atorvastatin prevent cardiovascular morbidity and mortality in a mouse model of atherosclerotic plaque rupture. <i>Vascular Pharmacology</i> , 2016 , 80, 50-8	5.9	28
14	Dietary Polyphenols Targeting Arterial Stiffness: Interplay of Contributing Mechanisms and Gut Microbiome-Related Metabolism. <i>Nutrients</i> , 2019 , 11,	6.7	25
13	Pharmacological strategies to inhibit intra-plaque angiogenesis in atherosclerosis. <i>Vascular Pharmacology</i> , 2019 , 112, 72-78	5.9	18
12	Standard Immunohistochemical Assays to Assess Autophagy in Mammalian Tissue. <i>Cells</i> , 2017 , 6,	7.9	15
11	Linking CD11b (+) Dendritic Cells and Natural Killer T Cells to Plaque Inflammation in Atherosclerosis. <i>Mediators of Inflammation</i> , 2016 , 2016, 6467375	4.3	15
10	Impaired gait pattern as a sensitive tool to assess hypoxic brain damage in a novel mouse model of atherosclerotic plaque rupture. <i>Physiology and Behavior</i> , 2015 , 139, 397-402	3.5	13
9	Everolimus depletes plaque macrophages, abolishes intraplaque neovascularization and improves survival in mice with advanced atherosclerosis. <i>Vascular Pharmacology</i> , 2019 , 113, 70-76	5.9	10
8	Nitric oxide donor molsidomine favors features of atherosclerotic plaque stability and reduces myocardial infarction in mice. <i>Vascular Pharmacology</i> , 2019 , 118-119, 106561	5.9	9
7	Serum Corticosterone and Insulin Resistance as Early Biomarkers in the hAPP23 Overexpressing Mouse Model of Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	5
6	Defective Autophagy in Vascular Smooth Muscle Cells Alters Vascular Reactivity of the Mouse Femoral Artery. <i>Frontiers in Physiology</i> , 2020 , 11, 548943	4.6	3
5	Angiotensin II increases coronary fibrosis, cardiac hypertrophy and the incidence of myocardial infarctions in ApoE ^{-/-} Fbn1C1039G ^{+/-} mice. <i>Acta Cardiologica</i> , 2016 , 71, 483-488	0.9	2
4	Development of atherosclerotic plaques in a mouse model of pseudoxanthoma elasticum. <i>Acta Cardiologica</i> , 2014 , 69, 687-92	0.9	1

- 3 Cryotherapy increases features of plaque stability in atherosclerotic rabbits. *EuroIntervention*, **2016**, 12, 748-56 3.1 1
- 2 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
- 1 Autophagy in the vasculature **2022**, 257-268