Mechanical Activation of Hypoxia-Inducible Factor 1Î± Atheroprone Sites

Arteriosclerosis, Thrombosis, and Vascular Biology

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Beyond Impressions. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 1987-1989.	1.1	8
2	Letter by Wu et al Regarding Article, â€œMechanical Activation of Hypoxia-Inducible Factor 1Î± Drives Endothelial Dysfunction at Atheroprone Sitesâ€• Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, e197-e198.	1.1	1
3	Response by Feng et al to Letter Regarding Article, â€œMechanical Activation of Hypoxia-Inducible Factor 1Î± Drives Endothelial Dysfunction at Atheroprone Sitesâ€• Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, e199-e200.	1.1	4
4	Highlight on Endothelial Activation and Beyond. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, e198-e201.	1.1	20
5	PRKAA1/AMPKÎ±1-driven glycolysis in endothelial cells exposed to disturbed flow protects against atherosclerosis. Nature Communications, 2018, 9, 4667.	5.8	82
6	Genetic variant at coronary artery disease and ischemic stroke locus 1p32.2 regulates endothelial responses to hemodynamics. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E11349-E11358.	3.3	58
7	Metabolism: The road to inflammation and atherosclerosis. Current Opinion in Lipidology, 2018, 29, 474-480.	1.2	55
8	Molecular mechanisms and genetic regulation in atherosclerosis. IJC Heart and Vasculature, 2018, 21, 36-44.	0.6	31
9	Segment-specific associations between local haemodynamic and imaging markers of early atherosclerosis at the carotid artery: an <i>in vivo</i> human study. Journal of the Royal Society Interface, 2018, 15, 20180352.	1.5	49
10	Impact of miRNA in Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, e159-e170.	1.1	145
11	Atheroprone flow enhances the endothelial-to-mesenchymal transition. American Journal of Physiology - Heart and Circulatory Physiology, 2018, 315, H1293-H1303.	1.5	33
12	Future directions for therapeutic strategies in post-ischaemic vascularization: a position paper from European Society of Cardiology Working Group on Atherosclerosis and Vascular Biology. Cardiovascular Research, 2018, 114, 1411-1421.	1.8	19
13	Endothelial Cell Metabolism in Atherosclerosis. Frontiers in Cell and Developmental Biology, 2018, 6, 82.	1.8	120
14	Upregulation of SCUBE2 expression in dyslipidemic type 2 diabetes mellitus is associated with endothelin-1. Diabetes and Metabolic Syndrome: Clinical Research and Reviews, 2019, 13, 2869-2872.	1.8	7
15	Endothelial Cell Mechano-Metabolomic Coupling to Disease States in the Lung Microvasculature. Frontiers in Bioengineering and Biotechnology, 2019, 7, 172.	2.0	33
16	Oxygen sensing decoded: a Nobel concept in biology. Angiogenesis, 2019, 22, 471-472.	3.7	10
17	The role of mechanotransduction versus hypoxia during simulated orthodontic compressive strainâ€”an in vitro study of human periodontal ligament fibroblasts. International Journal of Oral Science, 2019, 11, 33.	3.6	36
18	Endothelial Response to Pathophysiological Stress. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, e233-e243.	1.1	90

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20	PFKFB3-mediated endothelial glycolysis promotes pulmonary hypertension. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 13394-13403.	3.3	113
21	Integrated proteomics and metabolomics analysis reveals differential lipid metabolism in human umbilical vein endothelial cells under high and low shear stress. American Journal of Physiology - Cell Physiology, 2019, 317, C326-C338.	2.1	21
22	Understanding mechanobiology in cultured endothelium: A review of the orbital shaker method. Atherosclerosis, 2019, 285, 170-177.	0.4	49
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26	Shear stress makes its mark on the endothelial genome. Cardiovascular Research, 2019, 115, 1449-1451.	1.8	4
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30	Tamoxifen mechanically reprograms the tumor microenvironment via <scp>HIF</scp> â€1A and reduces cancer cell survival. EMBO Reports, 2019, 20, .	2.0	58
31	Endothelialâ€toâ€mesenchymal transition shapes the atherosclerotic plaque and modulates macrophage function. FASEB Journal, 2019, 33, 2278-2289.	0.2	35
32	Factors affecting arteriovenous fistula dysfunction: A narrative review. Journal of Vascular Access, 2020, 21, 134-147.	0.5	36
33	Endothelial responses to shear stress in atherosclerosis: a novel role for developmental genes. Nature Reviews Cardiology, 2020, 17, 52-63.	6.1	270
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39	Novel Therapeutic Targets for Hypoxia-Related Cardiovascular Diseases: The Role of HIF-1. Frontiers in Physiology, 2020, 11, 774.	1.3	40
40	Fluid shear stress modulates endothelial inflammation by targeting LIMS2. Experimental Biology and Medicine, 2020, 245, 1656-1663.	1.1	6
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43	Integrating Biophysics in Toxicology. Cells, 2020, 9, 1282.	1.8	6
44	Oxygen homeostasis and cardiovascular disease: A role for HIF?. Biomedicine and Pharmacotherapy, 2020, 128, 110338.	2.5	29
45	Atherogenic Lipoprotein(a) Increases Vascular Glycolysis, Thereby Facilitating Inflammation and Leukocyte Extravasation. Circulation Research, 2020, 126, 1346-1359.	2.0	96
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56	HIF-1Î± promotes cellular growth in lymphatic endothelial cells exposed to chronically elevated pulmonary lymph flow. Scientific Reports, 2021, 11, 1468.	1.6	5
57	Vascular Metabolism as Driver of Atherosclerosis: Linking Endothelial Metabolism to Inflammation. Immunometabolism, 2021, 3, e210020.	0.7	9
58	Contributions of Wall Stretch and Shear Stress to Vascular Regulation: Molecular Mechanisms of Homeostasis and Expansion. Cardiac and Vascular Biology, 2021, , 21-46.	0.2	0
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67	Roles of KLF4 and AMPK in the inhibition of glycolysis by pulsatile shear stress in endothelial cells. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	27
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95	A numerical study on pulsatile non-Newtonian hemodynamics in double-fusiform abdominal aortic aneurysms. Physics of Fluids, 2022, 34, .	1.6	4
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142	Flow-inducedÂreprogramming of endothelial cells in atherosclerosis. Nature Reviews Cardiology, 2023, 20, 738-753.	6.1	20
150	Role of Flow-Sensitive Endothelial Genes in Atherosclerosis and Antiatherogenic Therapeutics Development. Journal of Cardiovascular Translational Research, 0, , .	1.1	0