

# Laura Herdman

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3180151/publications.pdf>

Version: 2024-02-01

13  
papers

1,855  
citations

1163117

8  
h-index

1588992

8  
g-index

13  
all docs

13  
docs citations

13  
times ranked

1822  
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-invasive detection of coronary inflammation using computed tomography and prediction of residual cardiovascular risk (the CRISP CT study): a post-hoc analysis of prospective outcome data. <i>Lancet, The</i> , 2018, 392, 929-939.	13.7	589
2	Detecting human coronary inflammation by imaging perivascular fat. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	562
3	A novel machine learning-derived radiotranscriptomic signature of perivascular fat improves cardiac risk prediction using coronary CT angiography. <i>European Heart Journal</i> , 2019, 40, 3529-3543.	2.2	268
4	Adiponectin as a Link Between Type 2 Diabetes and Vascular NADPH Oxidase Activity in the Human Arterial Wall: The Regulatory Role of Perivascular Adipose Tissue. <i>Diabetes</i> , 2015, 64, 2207-2219.	0.6	187
5	Mutual Regulation of Epicardial Adipose Tissue and Myocardial Redox State by PPAR- $\gamma$ /Adiponectin Signalling. <i>Circulation Research</i> , 2016, 118, 842-855.	4.5	132
6	Adipose tissue-derived WNT5A regulates vascular redox signaling in obesity via USP17/RAC1-mediated activation of NADPH oxidases. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	54
7	Predictive value of telomere length on outcome following acute myocardial infarction: evidence for contrasting effects of vascular vs. blood oxidative stress. <i>European Heart Journal</i> , 2017, 38, 3094-3104.	2.2	48
8	Insulin-induced vascular redox dysregulation in human atherosclerosis is ameliorated by dipeptidyl peptidase 4 inhibition. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	15
9	Abstract 17579: Quantification of Femoral Adipose Tissue Provides Novel Mechanistic Insights Into the "Obesity Paradox": a Translational Approach. <i>Circulation</i> , 2014, 130, .	1.6	0
10	Abstract 19179: Effects of Systemic Insulin Resistance on Redox State and Endothelial Nitric Oxide Bioavailability in the Human Vascular Wall. <i>Circulation</i> , 2015, 132, .	1.6	0
11	Abstract 18289: New Roles of the Interplay Between Endothelin and Insulin-like Growth Factor 1 in the Regulation of Vascular Redox State in Patients With Type 2 Diabetes and Coronary Atherosclerosis. <i>Circulation</i> , 2015, 132, .	1.6	0
12	Abstract 655: Increased NADPH-Oxidase Activity Is Associated With Reduced Telomere Length in the Human Vascular Wall: The Influence of Oxidative Stress on Biological Aging. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, .	2.4	0
13	Abstract 21015: Coronary Inflammation in Humans Drives Spatial Changes of Perivascular Adipose Tissue Composition Detectable by a Novel Computed Tomography-Based Technology. <i>Circulation</i> , 2017, 136, .	1.6	0