

Alfons Houben

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

1,856
citations

304602

22
h-index

265120

42
g-index

49
all docs

49
docs citations

49
times ranked

3238
citing authors

#	ARTICLE	IF	CITATIONS
1	Microvascular Dysfunction in Obesity: A Potential Mechanism in the Pathogenesis of Obesity-Associated Insulin Resistance and Hypertension. <i>Physiology</i> , 2007, 22, 252-260.	1.6	197
2	Association of Microvascular Dysfunction With Late-Life Depression. <i>JAMA Psychiatry</i> , 2017, 74, 729.	6.0	192
3	Prediabetes and Type 2 Diabetes Are Associated With Generalized Microvascular Dysfunction. <i>Circulation</i> , 2016, 134, 1339-1352.	1.6	183
4	The Link Between Adipose Tissue Renin-Angiotensin-Aldosterone System Signaling and Obesity-Associated Hypertension. <i>Physiology</i> , 2017, 32, 197-209.	1.6	103
5	Endothelial dysfunction in (pre)diabetes: Characteristics, causative mechanisms and pathogenic role in type 2 diabetes. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2013, 14, 39-48.	2.6	102
6	Microvascular Dysfunction Is Associated With a Higher Incidence of Type 2 Diabetes Mellitus. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 3082-3094.	1.1	93
7	Microvascular dysfunction as a link between obesity, insulin resistance and hypertension. <i>Diabetes Research and Clinical Practice</i> , 2014, 103, 382-387.	1.1	90
8	Assessing Microvascular Function in Humans from a Chronic Disease Perspective. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 3461-3472.	3.0	90
9	Prediabetes Is Associated With Structural Brain Abnormalities: The Maastricht Study. <i>Diabetes Care</i> , 2018, 41, 2535-2543.	4.3	68
10	Microvascular dysfunction: An emerging pathway in the pathogenesis of obesity-related insulin resistance. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2013, 14, 29-38.	2.6	62
11	Diet-induced weight loss improves not only cardiometabolic risk markers but also markers of vascular function: a randomized controlled trial in abdominally obese men. <i>American Journal of Clinical Nutrition</i> , 2017, 105, 23-31.	2.2	55
12	Capillary Rarefaction Associates with Albuminuria: The Maastricht Study. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 3748-3757.	3.0	51
13	Perivascular Fat and the Microcirculation: Relevance to Insulin Resistance, Diabetes, and Cardiovascular Disease. <i>Current Cardiovascular Risk Reports</i> , 2012, 6, 80-90.	0.8	49
14	Microvascular Dysfunction Is Associated With Worse Cognitive Performance. <i>Hypertension</i> , 2020, 75, 237-245.	1.3	47
15	Microvascular endothelial dysfunction is associated with albuminuria. <i>Journal of Hypertension</i> , 2018, 36, 1178-1187.	0.3	44
16	Associations of Arterial Stiffness With Cognitive Performance, and the Role of Microvascular Dysfunction. <i>Hypertension</i> , 2020, 75, 1607-1614.	1.3	29
17	Obesity is associated with impaired endothelial function in the postprandial state. <i>Microvascular Research</i> , 2011, 82, 423-429.	1.1	28
18	Endothelial vasodilatation in newborns is related to body size and maternal hypertension. <i>Journal of Hypertension</i> , 2012, 30, 124-131.	0.3	27

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19	Independent tissue contributors to obesity-associated insulin resistance. <i>JCI Insight</i> , 2017, 2, .	2.3	25
20	Age, waist circumference, and blood pressure are associated with skin microvascular flow motion. <i>Journal of Hypertension</i> , 2014, 32, 2439-2449.	0.3	24
21	Angiotensin II Enhances Insulin-Stimulated Whole-Body Glucose Disposal but Impairs Insulin-Induced Capillary Recruitment in Healthy Volunteers. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 3901-3908.	1.8	23
22	Microvascular Phenotyping in the Maastricht Study: Design and Main Findings, 2010â€“2018. <i>American Journal of Epidemiology</i> , 2020, 189, 873-884.	1.6	23
23	Semi-automatic assessment of skin capillary density: Proof of principle and validation. <i>Microvascular Research</i> , 2013, 90, 192-198.	1.1	22
24	Physical Activity Is Associated With Glucose Tolerance Independent of Microvascular Function: The Maastricht Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 3324-3332.	1.8	18
25	Type 2 diabetes and HbA1c are independently associated with wider retinal arterioles: the Maastricht study. <i>Diabetologia</i> , 2020, 63, 1408-1417.	2.9	18
26	Association of Markers of Microvascular Dysfunction With Prevalent and Incident Depressive Symptoms. <i>Hypertension</i> , 2020, 76, 342-349.	1.3	18
27	Cardiovascular risk factors as determinants of retinal and skin microvascular function: The Maastricht Study. <i>PLoS ONE</i> , 2017, 12, e0187324.	1.1	17
28	Intact and C-Terminal FGF23 Assaysâ€”Do Kidney Function, Inflammation, and Low Iron Influence Relationships With Outcomes?. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e4875-e4885.	1.8	16
29	Acute angiotensin II receptor blockade improves insulin-induced microvascular function in hypertensive individuals. <i>Microvascular Research</i> , 2011, 82, 77-83.	1.1	14
30	The Role of Systemic Microvascular Dysfunction in Heart Failure with Preserved Ejection Fraction. <i>Biomolecules</i> , 2022, 12, 278.	1.8	14
31	A 4-Week Diet Low or High in Advanced Glycation Endproducts Has Limited Impact on Gut Microbial Composition in Abdominally Obese Individuals: The deAGEing Trial. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5328.	1.8	13
32	Hyperglycemia Is the Main Mediator of Prediabetes- and Type 2 Diabetesâ€”Associated Impairment of Microvascular Function: The Maastricht Study. <i>Diabetes Care</i> , 2017, 40, e103-e105.	4.3	12
33	Contribution of Liver Fat to Weight Lossâ€”Induced Changes in Serum Hepatokines: A Randomized Controlled Trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 2719-2727.	1.8	12
34	Blood pressure variability and microvascular dysfunction: the Maastricht Study. <i>Journal of Hypertension</i> , 2020, 38, 1541-1550.	0.3	11
35	Extracerebral microvascular dysfunction is related to brain MRI markers of cerebral small vessel disease: The Maastricht Study. <i>GeroScience</i> , 2022, 44, 147-157.	2.1	10
36	Growth and Endothelial Function in the First 2Â½Years of Life. <i>Journal of Pediatrics</i> , 2015, 166, 666-671.e1.	0.9	8

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37	Habitual intake of dietary advanced glycation end products is not associated with generalized microvascular dysfunction in the Maastricht Study. <i>American Journal of Clinical Nutrition</i> , 2022, 115, 444-455.	2.2	8
38	Higher levels of daily physical activity are associated with better skin microvascular function in type 2 diabetes in the Maastricht Study. <i>Microcirculation</i> , 2020, 27, e12611.	1.0	7
39	Habitual Intake of Dietary Advanced Glycation End Products Is Not Associated with Arterial Stiffness of the Aorta and Carotid Artery in Adults: The Maastricht Study. <i>Journal of Nutrition</i> , 2021, 151, 1886-1893.	1.3	7
40	Microcirculatory assessment of vascular diseases. <i>Vasa - European Journal of Vascular Medicine</i> , 2020, 49, 175-186.	0.6	7
41	Hemolysis Compromises Nitric Oxide-Dependent Vasodilatory Responses in Patients Undergoing Major Cardiovascular Surgery. <i>Thoracic and Cardiovascular Surgeon</i> , 2012, 60, 255-261.	0.4	4
42	Carotid stiffness is associated with retinal microvascular dysfunction in the Maastricht study. <i>Microcirculation</i> , 2021, 28, e12702.	1.0	4
43	Microvascular dysfunction: Determinants and treatment, with a focus on hyperglycemia. <i>Endocrine and Metabolic Science</i> , 2021, 2, 100073.	0.7	3
44	Renal Clearance of Fibroblast Growth Factor-23 (FGF23) and its Fragments in Humans. <i>Journal of Bone and Mineral Research</i> , 2020, 37, 1170-1178.	3.1	3
45	Retinal microvascular diameters. <i>Journal of Hypertension</i> , 2017, 35, 1573-1574.	0.3	2
46	Effects of Diet-Induced Weight Loss on Plasma Markers for Cholesterol Absorption and Synthesis: Secondary Analysis of a Randomized Trial in Abdominally Obese Men. <i>Nutrients</i> , 2022, 14, 1546.	1.7	2
47	Aldosterone Is Not Associated With Metabolic and Microvascular Insulin Sensitivity in Abdominally Obese Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 759-767.	1.8	1
48	Response by Sørensen et al to Letters Regarding Article, "Prediabetes and Type 2 Diabetes Are Associated With Generalized Microvascular Dysfunction: The Maastricht Study." <i>Circulation</i> , 2017, 135, e862-e863.	1.6	0
49	Joint ESM-EVBO meetings: past, present, and future. <i>Cardiovascular Research</i> , 2019, 115, e46-e48.	1.8	0