

# Anca D Dobrian

## 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.

28

papers

1,281

citations

15

h-index

31

g-index

31

ext. papers

1,403

ext. citations

5

avg, IF

3.97

L-index

#	Paper	IF	Citations
28	Development of hypertension in a rat model of diet-induced obesity. <i>Hypertension</i> , <b>2000</b> , 35, 1009-15	8.5	245
27	Functional and pathological roles of the 12- and 15-lipoxygenases. <i>Progress in Lipid Research</i> , <b>2011</b> , 50, 115-31	14.3	228
26	Oxidative stress in a rat model of obesity-induced hypertension. <i>Hypertension</i> , <b>2001</b> , 37, 554-60	8.5	197
25	Pioglitazone prevents hypertension and reduces oxidative stress in diet-induced obesity. <i>Hypertension</i> , <b>2004</b> , 43, 48-56	8.5	160
24	Effect of salt on hypertension and oxidative stress in a rat model of diet-induced obesity. <i>American Journal of Physiology - Renal Physiology</i> , <b>2003</b> , 285, F619-28	4.3	77
23	Evidence for activation of inflammatory lipoxygenase pathways in visceral adipose tissue of obese Zucker rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2011</b> , 300, E175-87	6	73
22	Src tyrosine kinases and extracellular signal-regulated kinase 1/2 mitogen-activated protein kinases mediate pressure-induced c-fos expression in cannulated rat mesenteric small arteries. <i>Hypertension</i> , <b>2001</b> , 37, 955-60	8.5	35
21	Differential expression and localization of 12/15 lipoxygenases in adipose tissue in human obese subjects. <i>Biochemical and Biophysical Research Communications</i> , <b>2010</b> , 403, 485-90	3.4	33
20	Lipids and immunoinflammatory pathways of beta cell destruction. <i>Diabetologia</i> , <b>2016</b> , 59, 673-8	10.3	29
19	Adipose tissue 12/15 lipoxygenase pathway in human obesity and diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2014</b> , 99, E1713-20	5.6	26
18	STAT4 deficiency reduces obesity-induced insulin resistance and adipose tissue inflammation. <i>Diabetes</i> , <b>2013</b> , 62, 4109-21	0.9	26
17	AT(1) receptor inhibition does not reduce arterial wall hypertrophy or PDGF-A expression in renal hypertension. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2000</b> , 278, H613-22	5.2	26
16	Age-associated vascular inflammation promotes monocyte infiltration during atherogenesis. <i>Aging Cell</i> , <b>2016</b> , 15, 766-77	9.9	23
15	Complement Activation and STAT4 Expression Are Associated with Early Inflammation in Diabetic Wounds. <i>PLoS ONE</i> , <b>2017</b> , 12, e0170500	3.7	15
14	Endothelial Extracellular Vesicles: From Keepers of Health to Messengers of Disease. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	15
13	Endothelial-to-Mesenchymal Transition in Human Adipose Tissue Vasculature Alters the Particulate Secretome and Induces Endothelial Dysfunction. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2019</b> , 39, 2168-2191	9.4	12
12	Proton Pump Inhibitors: The Culprit for Barrett's Esophagus?. <i>Frontiers in Oncology</i> , <b>2014</b> , 4, 373	5.3	11

11	STAT4 Regulates the CD8 Regulatory T Cell/T Follicular Helper Cell Axis and Promotes Atherogenesis in Insulin-Resistant Mice. <i>Journal of Immunology</i> , <b>2017</b> , 199, 3453-3465	5.3	10
10	ADMA and NOS regulation in chronic renal disease: beyond the old rivalry for l-arginine. <i>Kidney International</i> , <b>2012</b> , 81, 722-4	9.9	9
9	PDGF-A expression correlates with blood pressure and remodeling in 1K1C hypertensive rat arteries. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>1999</b> , 276, H2159-67	5.2	9
8	Activation of the 12/15 lipoxygenase pathway accompanies metabolic decline in db/db pre-diabetic mice. <i>Prostaglandins and Other Lipid Mediators</i> , <b>2018</b> , 136, 23-32	3.7	6
7	Countering the Modern Metabolic Disease Rampage With Ancestral Endocannabinoid System Alignment. <i>Frontiers in Endocrinology</i> , <b>2019</b> , 10, 311	5.7	4
6	STAT4 deficiency reduces the development of atherosclerosis in mice. <i>Atherosclerosis</i> , <b>2015</b> , 243, 169-78 <sub>3,1</sub>		4
5	Key Role of STAT4 Deficiency in the Hematopoietic Compartment in Insulin Resistance and Adipose Tissue Inflammation. <i>Mediators of Inflammation</i> , <b>2017</b> , 2017, 5420718	4.3	3
4	Isolation, Expansion, and Adipogenic Induction of CD34+CD31+ Endothelial Cells from Human Omental and Subcutaneous Adipose Tissue. <i>Journal of Visualized Experiments</i> , <b>2018</b> ,	1.6	3
3	Peer-Developed Modules on Basic Biostatistics and Evidence-Based Medicine Principles for Undergraduate Medical Education. <i>MedEdPORTAL: the Journal of Teaching and Learning Resources</i> , <b>2020</b> , 16, 11026	1.2	1
2	Peer-Developed Modules on Basic Biostatistics and Evidence-Based Medicine Principles for Undergraduate Medical Education. <i>MedEdPORTAL: the Journal of Teaching and Learning Resources</i> , <b>2020</b> , 16, 11026	1.2	1
1	Differential expression of genes related to contraction and inflammation in human aortic smooth muscle cells cultured on plastic or 3D-Matrigel. <i>FASEB Journal</i> , <b>2006</b> , 20, A699	0.9	