

# Adriana Georgescu

## List of Publications by Citations

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55  
papers

991  
citations

20  
h-index

29  
g-index

59  
ext. papers

1,164  
ext. citations

5.1  
avg, IF

4.35  
L-index

#	Paper	IF	Citations
55	Role of MicroRNA in Endothelial Dysfunction and Hypertension. <i>Current Hypertension Reports</i> , <b>2016</b> , 18, 87	4.7	64
54	Increased vitreous shedding of microparticles in proliferative diabetic retinopathy stimulates endothelial proliferation. <i>Diabetes</i> , <b>2010</b> , 59, 694-701	0.9	58
53	Platelet dysfunction in vascular pathologies and how can it be treated. <i>Thrombosis Research</i> , <b>2012</b> , 129, 116-26	8.2	49
52	Vascular complications in diabetes: Microparticles and microparticle associated microRNAs as active players. <i>Biochemical and Biophysical Research Communications</i> , <b>2016</b> , 472, 1-10	3.4	47
51	The cellular mechanisms involved in the vasodilator effect of nebivolol on the renal artery. <i>European Journal of Pharmacology</i> , <b>2005</b> , 508, 159-66	5.3	46
50	Circulating ectosomes: Determination of angiogenic microRNAs in type 2 diabetes. <i>Theranostics</i> , <b>2018</b> , 8, 3874-3890	12.1	45
49	Dysfunction of human subcutaneous fat arterioles in obesity alone or obesity associated with Type 2 diabetes. <i>Clinical Science</i> , <b>2011</b> , 120, 463-72	6.5	42
48	Vascular dysfunction in diabetes: The endothelial progenitor cells as new therapeutic strategy. <i>World Journal of Diabetes</i> , <b>2011</b> , 2, 92-7	4.7	40
47	Circulating microparticles and endothelial progenitor cells in atherosclerosis: pharmacological effects of irbesartan. <i>Journal of Thrombosis and Haemostasis</i> , <b>2012</b> , 10, 680-91	15.4	36
46	The Distinct Effects of Palmitic and Oleic Acid on Pancreatic Beta Cell Function: The Elucidation of Associated Mechanisms and Effector Molecules. <i>Frontiers in Pharmacology</i> , <b>2018</b> , 9, 1554	5.6	35
45	Beneficial effects of L-arginine supplementation in experimental hyperlipemia-hyperglycemia in the hamster. <i>Cell and Tissue Research</i> , <b>2002</b> , 308, 109-20	4.2	29
44	The promise of EPC-based therapies on vascular dysfunction in diabetes. <i>European Journal of Pharmacology</i> , <b>2011</b> , 669, 1-6	5.3	26
43	Extracellular vesicles participate in the transport of cytokines and angiogenic factors in diabetic patients with ocular complications. <i>Folia Medica Cracoviensia</i> , <b>2015</b> , 55, 35-48	0.5	26
42	Activation profile of dorsal root ganglia Iba-1 (+) macrophages varies with the type of lesion in rats. <i>Acta Histochemica</i> , <b>2013</b> , 115, 840-50	2	25
41	Platelet activation in hypertension associated with hypercholesterolemia: effects of irbesartan. <i>Journal of Thrombosis and Haemostasis</i> , <b>2011</b> , 9, 173-84	15.4	25
40	Effects of transplanted circulating endothelial progenitor cells and platelet microparticles in atherosclerosis development. <i>Biology of the Cell</i> , <b>2016</b> , 108, 219-43	3.5	25
39	Integration properties of Wharton's jelly-derived novel mesenchymal stem cells into ventricular slices of murine hearts. <i>Cellular Physiology and Biochemistry</i> , <b>2011</b> , 28, 63-76	3.9	23

38	Irbesartan administration therapeutically influences circulating endothelial progenitor cell and microparticle mobilization by involvement of pro-inflammatory cytokines. <i>European Journal of Pharmacology</i> , <b>2013</b> , 711, 27-35	5.3	22
37	Chronic venous insufficiency is associated with elevated level of circulating microparticles. <i>Journal of Thrombosis and Haemostasis</i> , <b>2009</b> , 7, 1566-75	15.4	21
36	Protective effects of nebivolol and reversal of endothelial dysfunction in diabetes associated with hypertension. <i>European Journal of Pharmacology</i> , <b>2007</b> , 570, 149-58	5.3	21
35	Circulating endothelial progenitor cell and platelet microparticle impact on platelet activation in hypertension associated with hypercholesterolemia. <i>PLoS ONE</i> , <b>2013</b> , 8, e52058	3.7	20
34	Intravenous Administration of Allogenic Cell-Derived Microvesicles of Healthy Origins Defend Against Atherosclerotic Cardiovascular Disease Development by a Direct Action on Endothelial Progenitor Cells. <i>Cells</i> , <b>2020</b> , 9,	7.9	17
33	Microparticles: From Biogenesis to Biomarkers and Diagnostic Tools in Cardiovascular Disease. <i>Current Stem Cell Research and Therapy</i> , <b>2017</b> , 12, 89-102	3.6	17
32	Microparticles of healthy origins improve endothelial progenitor cell dysfunction via microRNA transfer in an atherosclerotic hamster model. <i>Acta Physiologica</i> , <b>2017</b> , 221, 230-249	5.6	16
31	Interaction of platelets with endothelial progenitor cells in the experimental atherosclerosis: Role of transplanted endothelial progenitor cells and platelet microparticles. <i>Biology of the Cell</i> , <b>2015</b> , 107, 189-204	3.5	16
30	Long-term high glucose concentration influences Akt, ERK1/2, and PTP1B protein expression in human aortic smooth muscle cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2009</b> , 388, 51-5	3.4	15
29	Hypertension Associated With Hyperlipidemia Induced Different MicroRNA Expression Profiles in Plasma, Platelets, and Platelet-Derived Microvesicles; Effects of Endothelial Progenitor Cell Therapy. <i>Frontiers in Medicine</i> , <b>2019</b> , 6, 280	4.9	13
28	Lack of TAFI increases brain damage and microparticle generation after thrombolytic therapy in ischemic stroke. <i>Thrombosis Research</i> , <b>2015</b> , 136, 445-50	8.2	12
27	Detection of DNA-bound advanced glycation end-products by immunoaffinity chromatography coupled to HPLC-diode array detection. <i>Molecular Nutrition and Food Research</i> , <b>2006</b> , 50, 424-9	5.9	12
26	Diabetes-induced early molecular and functional changes in aortic heart valves in a murine model of atherosclerosis. <i>Diabetes and Vascular Disease Research</i> , <b>2019</b> , 16, 562-576	3.3	11
25	Nebivolol induces a hyperpolarizing effect on smooth muscle cells in the mouse renal artery by activation of beta-2-adrenoceptors. <i>Pharmacology</i> , <b>2008</b> , 81, 110-7	2.3	11
24	Effect of gap junction uncoupler heptanol on resistance arteries reactivity in experimental models of diabetes, hyperlipemia and hyperlipemia-diabetes. <i>Vascular Pharmacology</i> , <b>2006</b> , 44, 513-8	5.9	11
23	Superoxide dismutase entrapped-liposomes restore the impaired endothelium-dependent relaxation of resistance arteries in experimental diabetes. <i>European Journal of Pharmacology</i> , <b>2004</b> , 484, 111-8	5.3	11
22	Enoxaparin--a low molecular weight heparin, restores the altered vascular reactivity of resistance arteries in aged and aged-diabetic hamsters. <i>Vascular Pharmacology</i> , <b>2003</b> , 40, 167-74	5.9	10
21	Extracellular Vesicles: Versatile Nanomediators, Potential Biomarkers and Therapeutic Agents in Atherosclerosis and COVID-19-Related Thrombosis. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	10

20	Platelets of Healthy Origins Promote Functional Improvement of Atherosclerotic Endothelial Progenitor Cells. <i>Frontiers in Pharmacology</i> , <b>2019</b> , 10, 424	5.6	7
19	Intraplatelet oxidative/nitrative stress: inducers, consequences, and control. <i>Trends in Cardiovascular Medicine</i> , <b>2010</b> , 20, 232-8	6.9	7
18	Double transgenic mice with type 1 diabetes mellitus develop somatic, metabolic and vascular disorders. <i>Journal of Cellular and Molecular Medicine</i> , <b>2004</b> , 8, 349-58	5.6	7
17	Mechanisms of decreased bradykinin- induced vasodilation in experimental hyperlipemia-hyperglycemia: contribution of nitric oxide and Ca <sup>2+</sup> -activated K <sup>+</sup> channels. <i>Fundamental and Clinical Pharmacology</i> , <b>2001</b> , 15, 335-42	3.1	7
16	Midkine proteins in cardio-vascular disease. Where do we come from and where are we heading to?. <i>European Journal of Pharmacology</i> , <b>2015</b> , 762, 464-71	5.3	6
15	Enoxaparin reduces adrenergic contraction of resistance arterioles in aging and in aging associated with diabetes via engagement of MAP kinase pathway. <i>Blood Coagulation and Fibrinolysis</i> , <b>2011</b> , 22, 310-6		6
14	The contractile response of the mesenteric resistance arteries to prostaglandin F <sub>2</sub> alpha; effects of simultaneous hyperlipemia-diabetes. <i>Fundamental and Clinical Pharmacology</i> , <b>2003</b> , 17, 683-9	3.1	6
13	CollagenDexamethasone and Collagen-D3 Scaffolds for Bone Tissue Engineering. <i>Molecular Crystals and Liquid Crystals</i> , <b>2012</b> , 555, 208-217	0.5	5
12	Extracellular Vesicles from Adipose Tissue Stem Cells in Diabetes and Associated Cardiovascular Disease; Pathobiological Impact and Therapeutic Potential. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	5
11	Age-dependent accumulation of advanced glycation endproducts is accelerated in combined hyperlipidemia and hyperglycemia, a process attenuated by L-arginine. <i>Journal of the American Aging Association</i> , <b>2000</b> , 23, 33-40		4
10	Therapeutic Potential of Stem Cell-Derived Extracellular Vesicles on Atherosclerosis-Induced Vascular Dysfunction and Its Key Molecular Players.. <i>Frontiers in Cell and Developmental Biology</i> , <b>2022</b> , 10, 817180	5.7	4
9	Sera of Obese Type 2 Diabetic Patients Undergoing Metabolic Surgery Instead of Conventional Treatment Exert Beneficial Effects on Beta Cell Survival and Function: Results of a Randomized Clinical Study. <i>Obesity Surgery</i> , <b>2019</b> , 29, 1485-1497	3.7	3
8	Part One: Extracellular Vesicles as Valuable Players in Diabetic Cardiovascular Diseases <b>2020</b> ,		3
7	Integrins $\alpha_1$ and $\beta_1$ are Reduced in Endothelial Progenitor Cells from Diabetic Dyslipidemic Mice and May Represent New Targets for Therapy in Aortic Valve Disease. <i>Cell Transplantation</i> , <b>2020</b> , 29, 963689720946277	4	3
6	The Multifaceted Role of Extracellular Vesicles in Glioblastoma: microRNA Nanocarriers for Disease Progression and Gene Therapy. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	3
5	Extracellular vesicles-incorporated microRNA signature as biomarker and diagnosis of prediabetes state and its complications. <i>Reviews in Endocrine and Metabolic Disorders</i> , <b>2021</b> , 1	10.5	3
4	Endothelial progenitor cells - derived microparticles reproduce the favorable role of their parent cells of healthy origins in the treatment of atherosclerosis via microrna transfer. <i>Atherosclerosis</i> , <b>2017</b> , 263, e48	3.1	2
3	Endothelial Progenitor Cell Dysfunction in the Pathogenesis of Vascular Complications of Diabetes <b>2017</b> , 159-208		1

- 2 Hypertension induces compensatory left ventricular hypertrophy by a mechanism involving gap junction lateralization and overexpression of CD36, PKC and MMP-2.. *Romanian Journal of Morphology and Embryology*, **2021**, 62, 713-721 0.6 0
- 1 VLA4-Enhanced Allogeneic Endothelial Progenitor Cell-Based Therapy Preserves the Aortic Valve Function in a Mouse Model of Dyslipidemia and Diabetes. *Pharmaceutics*, **2022**, 14, 1077 6.4