

# Revathy Carnagarin

## List of Publications by Year in Descending Order

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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.

56

papers

563

citations

11

h-index

22

g-index

68

ext. papers

785

ext. citations

4

avg, IF

4.03

L-index

#	Paper	IF	Citations
56	Autoencoded deep features for semi-automatic, weakly supervised physiological signal labelling.. <i>Computers in Biology and Medicine</i> , <b>2022</b> , 143, 105294	7	
55	Global Impact of Different Blood Pressure Thresholds in 4 021 690 Participants of the May Measurement Month Initiative.. <i>Hypertension</i> , <b>2022</b> , HYPERTENSIONAHA12219144	8.5	1
54	Microvascular changes at different stages of chronic kidney disease. <i>Journal of Clinical Hypertension</i> , <b>2021</b> , 23, 309-316	2.3	3
53	K-means panning - Developing a new standard in automated MSNA signal recognition with a weakly supervised learning approach. <i>Computers in Biology and Medicine</i> , <b>2021</b> , 140, 105087	7	
52	A standardized protocol for evaluation of large extracellular vesicles using the attuneNXT system. <i>Journal of Immunological Methods</i> , <b>2021</b> , 499, 113170	2.5	0
51	Nocturnal hypertension: a common phenotype in a tertiary clinical setting associated with increased arterial stiffness and central blood pressure. <i>Journal of Hypertension</i> , <b>2021</b> , 39, 250-258	1.9	2
50	Role of the sympathetic nervous system in cardiometabolic control: implications for targeted multiorgan neuromodulation approaches. <i>Journal of Hypertension</i> , <b>2021</b> , 39, 1478-1489	1.9	1
49	Capillary vascular density in the retina of hypertensive patients is associated with a non-dipping pattern independent of mean ambulatory blood pressure. <i>Journal of Hypertension</i> , <b>2021</b> , 39, 1826-1834	1.9	2
48	May Measurement Month 2019: an analysis of blood pressure screening results from Australia. <i>European Heart Journal Supplements</i> , <b>2021</b> , 23, B18-B20	1.5	0
47	Homocysteine predicts vascular target organ damage in hypertension and may serve as guidance for first-line antihypertensive therapy. <i>Journal of Clinical Hypertension</i> , <b>2021</b> , 23, 1380-1389	2.3	2
46	Role of Microparticles in Cardiovascular Disease: Implications for Endothelial Dysfunction, Thrombosis, and Inflammation. <i>Hypertension</i> , <b>2021</b> , 77, 1825-1844	8.5	7
45	Bexagliflozin for type 2 diabetes: an overview of the data. <i>Expert Opinion on Pharmacotherapy</i> , <b>2021</b> , 22, 2095-2103	4	3
44	Sympathetic hyperactivity after coronary artery bypass graft surgery: an important player in the development of postoperative atrial fibrillation?. <i>Europace</i> , <b>2021</b> , 23, 158	3.9	1
43	Supine blood pressure-A clinically relevant determinant of vascular target organ damage in hypertensive patients. <i>Journal of Clinical Hypertension</i> , <b>2021</b> , 23, 44-52	2.3	2
42	Combined renal and common hepatic artery denervation as a novel approach to reduce cardiometabolic risk: technical approach, feasibility and safety in a pre-clinical model. <i>Clinical Research in Cardiology</i> , <b>2021</b> , 110, 740-753	6.1	4
41	Renal denervation as a management strategy for hypertension: current evidence and recommendations. <i>Expert Review of Cardiovascular Therapy</i> , <b>2021</b> , 19, 825-835	2.5	
40	Machine learning powered tools for automated analysis of muscle sympathetic nerve activity recordings. <i>Physiological Reports</i> , <b>2021</b> , 9, e14996	2.6	1

39	Female Gender Is Associated with Higher Susceptibility of Weight Induced Arterial Stiffening and Rise in Blood Pressure. <i>Journal of Clinical Medicine</i> , <b>2021</b> , 10,	5.1	2
38	Retinal capillary rarefaction is associated with arterial and kidney damage in hypertension. <i>Scientific Reports</i> , <b>2021</b> , 11, 1001	4.9	8
37	Increased pulse wave velocity in patients with an orthostatic blood pressure rise independent of other cardiovascular risk factors. <i>Journal of Hypertension</i> , <b>2021</b> , 39, 1352-1360	1.9	5
36	Lipoprotein (a) and Hypertension. <i>Current Hypertension Reports</i> , <b>2021</b> , 23, 44	4.7	0
35	SGLT2 Inhibitor-Induced Sympathoinhibition: A Novel Mechanism for Cardiorenal Protection. <i>JACC Basic To Translational Science</i> , <b>2020</b> , 5, 169-179	8.7	70
34	The Schlager mouse as a model of altered retinal phenotype. <i>Neural Regeneration Research</i> , <b>2020</b> , 15, 512-518	4.5	6
33	Does sympathetic hyperactivity adversely impact on the effect of implantable cardioverter-defibrillator in patients with diabetes and non-ischaemic systolic heart failure?. <i>Europace</i> , <b>2020</b> , 22, 331	3.9	
32	Does sympathetic hyperactivity adversely impact on the effect of pre-ablation bariatric surgery and atrial fibrillation recurrence in morbidly obese patients undergoing atrial fibrillation ablation?. <i>Europace</i> , <b>2020</b> , 22, 506	3.9	
31	May Measurement Month 2018: an analysis of blood pressure screening results from Australia. <i>European Heart Journal Supplements</i> , <b>2020</b> , 22, H17-H19	1.5	2
30	Renal denervation as a synergistic tool for the treatment of polymorphic ventricular ectopic beats: A case report. <i>Medicine (United States)</i> , <b>2020</b> , 99, e21098	1.8	
29	Interventional Approaches for Loin Pain Hematuria Syndrome and Kidney-Related Pain Syndromes. <i>Current Hypertension Reports</i> , <b>2020</b> , 22, 103	4.7	1
28	An evaluation of empagliflozin and its applicability to hypertension as a therapeutic option. <i>Expert Opinion on Pharmacotherapy</i> , <b>2020</b> , 21, 1157-1166	4	3
27	New Molecules for Treating Resistant Hypertension: a Clinical Perspective. <i>Current Hypertension Reports</i> , <b>2019</b> , 21, 80	4.7	1
26	New Approaches in the Management of Sudden Cardiac Death in Patients with Heart Failure-Targeting the Sympathetic Nervous System. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	12
25	May Measurement Month 2017: an analysis of blood pressure screening results from Australia-South-East Asia and Australasia. <i>European Heart Journal Supplements</i> , <b>2019</b> , 21, D14-D16	1.5	3
24	May Measurement Month 2018: a pragmatic global screening campaign to raise awareness of blood pressure by the International Society of Hypertension. <i>European Heart Journal</i> , <b>2019</b> , 40, 2006-2017	9.5	145
23	Relevance of Targeting the Distal Renal Artery and Branches with Radiofrequency Renal Denervation Approaches-A Secondary Analysis from a Hypertensive CKD Patient Cohort. <i>Journal of Clinical Medicine</i> , <b>2019</b> , 8,	5.1	3
22	Current Knowledge of IL-6 Cytokine Family Members in Acute and Chronic Kidney Disease. <i>Biomedicines</i> , <b>2019</b> , 7,	4.8	9

21	Sympathetic Activation in Hypertensive Chronic Kidney Disease - A Stimulus for Cardiac Arrhythmias and Sudden Cardiac Death?. <i>Frontiers in Physiology</i> , <b>2019</b> , 10, 1546	4.6	11
20	The bidirectional interaction between the sympathetic nervous system and immune mechanisms in the pathogenesis of hypertension. <i>British Journal of Pharmacology</i> , <b>2019</b> , 176, 1839-1852	8.6	29
19	Effects of sympathetic modulation in metabolic disease. <i>Annals of the New York Academy of Sciences</i> , <b>2019</b> , 1454, 80-89	6.5	16
18	New insights about post-exercise albuminuria in hypertensive patients. <i>Journal of Clinical Hypertension</i> , <b>2019</b> , 21, 1180-1182	2.3	0
17	Renal denervation for treating congenital long QT syndrome: shortening the QT interval or modulating sympathetic tone?. <i>Europace</i> , <b>2019</b> , 21, 1755-1756	3.9	1
16	The molecular basis for the neutral effect of renal denervation in patients with chronic heart failure not responding to cardiac resynchronisation therapy - a perspective. <i>Postepy W Kardiologii Interwencyjnej</i> , <b>2019</b> , 15, 503-504	0.4	
15	Sympathetic Nervous System Activation and Its Modulation: Role in Atrial Fibrillation. <i>Frontiers in Neuroscience</i> , <b>2018</b> , 12, 1058	5.1	20
14	Insulin antagonises pigment epithelium-derived factor (PEDF)-induced modulation of lineage commitment of myocytes and heterotrophic ossification. <i>Molecular and Cellular Endocrinology</i> , <b>2018</b> , 472, 159-166	4.4	4
13	Pharmacotherapeutic strategies for treating hypertension in patients with obesity. <i>Expert Opinion on Pharmacotherapy</i> , <b>2018</b> , 19, 643-651	4	8
12	Focusing on Sodium Glucose Cotransporter-2 and the Sympathetic Nervous System: Potential Impact in Diabetic Retinopathy. <i>International Journal of Endocrinology</i> , <b>2018</b> , 2018, 9254126	2.7	10
11	Suitability for catheter-based renal denervation-lessons from super-responders <i>Journal of Hypertension</i> , <b>2018</b> , 36, 1475-1476	1.9	
10	Stressing the metabolic powers of fibroblast growth factor 21. <i>AME Medical Journal</i> , <b>2018</b> , 3, 97-97	1	1
9	Autonomic Regulation of Glucose Homeostasis: a Specific Role for Sympathetic Nervous System Activation. <i>Current Diabetes Reports</i> , <b>2018</b> , 18, 107	5.6	18
8	In-vitro evaluation of enteric coated insulin tablets containing absorption enhancer and enzyme inhibitor. <i>Journal of Pharmacy and Pharmacology</i> , <b>2017</b> , 69, 285-294	4.8	21
7	Transdifferentiation of myoblasts into osteoblasts - possible use for bone therapy. <i>Journal of Pharmacy and Pharmacology</i> , <b>2017</b> , 69, 1661-1671	4.8	8
6	The Role of Sympatho-Inhibition in Combination Treatment of Obesity-Related Hypertension. <i>Current Hypertension Reports</i> , <b>2017</b> , 19, 99	4.7	10
5	Pigment epithelium-derived factor stimulates skeletal muscle glycolytic activity through NADPH oxidase-dependent reactive oxygen species production. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2016</b> , 78, 229-236	5.6	10
4	Pigment epithelium-derived factor (PEDF) regulates metabolism and insulin secretion from a clonal rat pancreatic beta cell line BRIN-BD11 and mouse islets. <i>Molecular and Cellular Endocrinology</i> , <b>2016</b> , 426, 50-60	4.4	7

3	PEDF attenuates insulin-dependent molecular pathways of glucose homeostasis in skeletal myocytes. <i>Molecular and Cellular Endocrinology</i> , <b>2016</b> , 422, 115-124	4-4	10
2	Molecular aspects of glucose homeostasis in skeletal muscle--A focus on the molecular mechanisms of insulin resistance. <i>Molecular and Cellular Endocrinology</i> , <b>2015</b> , 417, 52-62	4-4	53
1	PEDF-induced alteration of metabolism leading to insulin resistance. <i>Molecular and Cellular Endocrinology</i> , <b>2015</b> , 401, 98-104	4-4	21