

# Revathy Carnagarin

## 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.

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 | 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       |
| 55 | 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        |
| 54 | 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        |
| 53 | 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        |
| 52 | 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        |
| 51 | PEDF-induced alteration of metabolism leading to insulin resistance. <i>Molecular and Cellular Endocrinology</i> , <b>2015</b> , 401, 98-104   | 4.4 | 21        |
| 50 | Sympathetic Nervous System Activation and Its Modulation: Role in Atrial Fibrillation. <i>Frontiers in Neuroscience</i> , <b>2018</b> , 12, 1058   | 5.1 | 20        |
| 49 | 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        |
| 48 | 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        |
| 47 | 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        |
| 46 | 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        |
| 45 | 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        |
| 44 | 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        |
| 43 | 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        |
| 42 | 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        |
| 41 | Current Knowledge of IL-6 Cytokine Family Members in Acute and Chronic Kidney Disease. <i>Biomedicines</i> , <b>2019</b> , 7,  | 4.8 | 9         |
| 40 | Pharmacotherapeutic strategies for treating hypertension in patients with obesity. <i>Expert Opinion on Pharmacotherapy</i> , <b>2018</b> , 19, 643-651  | 4   | 8         |

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| 39 | 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 |
| 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 | 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 |
| 36 | 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 |
| 35 | The Schlager mouse as a model of altered retinal phenotype. <i>Neural Regeneration Research</i> , <b>2020</b> , 15, 512-518  | 4.5 | 6 |
| 34 | 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 |
| 33 | 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 |
| 32 | 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 |
| 31 | 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 |
| 30 | 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 |
| 29 | Microvascular changes at different stages of chronic kidney disease. <i>Journal of Clinical Hypertension</i> , <b>2021</b> , 23, 309-316   | 2.3 | 3 |
| 28 | Bexagliflozin for type 2 diabetes: an overview of the data. <i>Expert Opinion on Pharmacotherapy</i> , <b>2021</b> , 22, 2095-2103   | 4   | 3 |
| 27 | 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 |
| 26 | 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 |
| 25 | 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 |
| 24 | 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 |
| 23 | 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 |
| 22 | 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 |

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| 21 | 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 |
| 20 | New Molecules for Treating Resistant Hypertension: a Clinical Perspective. <i>Current Hypertension Reports</i> , <b>2019</b> , 21, 80   | 4.7 | 1 |
| 19 | 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 |
| 18 | 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 |
| 17 | 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 |
| 16 | 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 |
| 15 | Stressing the metabolic powers of fibroblast growth factor 21. <i>AME Medical Journal</i> , <b>2018</b> , 3, 97-97  | 1   | 1 |
| 14 | 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 |
| 13 | 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 |
| 12 | New insights about post-exercise albuminuria in hypertensive patients. <i>Journal of Clinical Hypertension</i> , <b>2019</b> , 21, 1180-1182  | 2.3 | 0 |
| 11 | 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 |
| 10 | 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 |
| 9  | Lipoprotein (a) and Hypertension. <i>Current Hypertension Reports</i> , <b>2021</b> , 23, 44  | 4.7 | 0 |
| 8  | 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   |   |
| 7  | 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 |   |
| 6  | Does sympathetic hyperactivity adversely impact on the effect of implantable cardioverter-defibrillator in patients with diabetes and non-ischaeamic systolic heart failure?. <i>Europace</i> , <b>2020</b> , 22, 331                               | 3.9 |   |
| 5  | 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 |   |
| 4  | 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 |   |

- 3 Suitability for catheter-based renal denervation-lessons from Wuper-respondersW*Journal of Hypertension*, **2018**, 36, 1475-1476 1.9
- 2 Renal denervation as a management strategy for hypertension: current evidence and recommendations. *Expert Review of Cardiovascular Therapy*, **2021**, 19, 825-835 2.5
- 1 Autoencoded deep features for semi-automatic, weakly supervised physiological signal labelling.. *Computers in Biology and Medicine*, **2022**, 143, 105294 7