

Markus Peter Schlaich

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.

344
papers

18,902
citations

66
h-index

132
g-index

377
ext. papers

23,705
ext. citations

5.9
avg, IF

6.63
L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 344 | Renal sympathetic denervation in patients with treatment-resistant hypertension (The Symplicity HTN-2 Trial): a randomised controlled trial. <i>Lancet, The</i> , 2010 , 376, 1903-9 | 40 | 1577 |
| 343 | Catheter-based renal sympathetic denervation for resistant hypertension: a multicentre safety and proof-of-principle cohort study. <i>Lancet, The</i> , 2009 , 373, 1275-81 | 40 | 1547 |
| 342 | Global burden of 87 risk factors in 204 countries and territories, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2020 , 396, 1223-1249 | 40 | 1013 |
| 341 | 2020 International Society of Hypertension Global Hypertension Practice Guidelines. <i>Hypertension</i> , 2020 , 75, 1334-1357 | 8.5 | 628 |
| 340 | Renal sympathetic-nerve ablation for uncontrolled hypertension. <i>New England Journal of Medicine</i> , 2009 , 361, 932-4 | 59.2 | 571 |
| 339 | Renin-angiotensin system and cardiovascular risk. <i>Lancet, The</i> , 2007 , 369, 1208-19 | 40 | 507 |
| 338 | Percutaneous renal denervation in patients with treatment-resistant hypertension: final 3-year report of the Symplicity HTN-1 study. <i>Lancet, The</i> , 2014 , 383, 622-9 | 40 | 455 |
| 337 | Effect of renal sympathetic denervation on glucose metabolism in patients with resistant hypertension: a pilot study. <i>Circulation</i> , 2011 , 123, 1940-6 | 16.7 | 446 |
| 336 | Sympathetic augmentation in hypertension: role of nerve firing, norepinephrine reuptake, and Angiotensin neuromodulation. <i>Hypertension</i> , 2004 , 43, 169-75 | 8.5 | 386 |
| 335 | Renal sympathetic denervation for treatment of drug-resistant hypertension: one-year results from the Symplicity HTN-2 randomized, controlled trial. <i>Circulation</i> , 2012 , 126, 2976-82 | 16.7 | 343 |
| 334 | Relation between cardiac sympathetic activity and hypertensive left ventricular hypertrophy. <i>Circulation</i> , 2003 , 108, 560-5 | 16.7 | 322 |
| 333 | Sympathetic activation in chronic renal failure. <i>Journal of the American Society of Nephrology: JASN</i> , 2009 , 20, 933-9 | 12.7 | 314 |
| 332 | Renal denervation in moderate to severe CKD. <i>Journal of the American Society of Nephrology: JASN</i> , 2012 , 23, 1250-7 | 12.7 | 271 |
| 331 | Substantial reduction in single sympathetic nerve firing after renal denervation in patients with resistant hypertension. <i>Hypertension</i> , 2013 , 61, 457-64 | 8.5 | 266 |
| 330 | Renal hemodynamics and renal function after catheter-based renal sympathetic denervation in patients with resistant hypertension. <i>Hypertension</i> , 2012 , 60, 419-24 | 8.5 | 245 |
| 329 | Sympathetic nervous activation in obesity and the metabolic syndrome--causes, consequences and therapeutic implications. <i>Pharmacology & Therapeutics</i> , 2010 , 126, 159-72 | 13.9 | 234 |
| 328 | Increased bioavailability of nitric oxide after lipid-lowering therapy in hypercholesterolemic patients: a randomized, placebo-controlled, double-blind study. <i>Circulation</i> , 1998 , 98, 211-6 | 16.7 | 211 |

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| 327 | Sympathetic activity in major depressive disorder: identifying those at increased cardiac risk?. <i>Journal of Hypertension</i> , 2007 , 25, 2117-24 | 1.9 | 206 |
| 326 | Interactions between leptin and the human sympathetic nervous system. <i>Hypertension</i> , 2003 , 41, 1072-98.5 | | 201 |
| 325 | Relevance of Sympathetic Nervous System Activation in Obesity and Metabolic Syndrome. <i>Journal of Diabetes Research</i> , 2015 , 2015, 341583 | 3.9 | 199 |
| 324 | Ambulatory blood pressure changes after renal sympathetic denervation in patients with resistant hypertension. <i>Circulation</i> , 2013 , 128, 132-40 | 16.7 | 199 |
| 323 | Catheter-based renal denervation for treatment of patients with treatment-resistant hypertension: 36 month results from the SYMPLICITY HTN-2 randomized clinical trial. <i>European Heart Journal</i> , 2014 , 35, 1752-9 | 9.5 | 186 |
| 322 | Renal denervation as a therapeutic approach for hypertension: novel implications for an old concept. <i>Hypertension</i> , 2009 , 54, 1195-201 | 8.5 | 177 |
| 321 | Differing pattern of sympathoexcitation in normal-weight and obesity-related hypertension. <i>Hypertension</i> , 2007 , 50, 862-8 | 8.5 | 167 |
| 320 | May Measurement Month 2017: an analysis of blood pressure screening results worldwide. <i>The Lancet Global Health</i> , 2018 , 6, e736-e743 | 13.6 | 166 |
| 319 | 2020 International Society of Hypertension global hypertension practice guidelines. <i>Journal of Hypertension</i> , 2020 , 38, 982-1004 | 1.9 | 158 |
| 318 | Guideline for the diagnosis and management of hypertension in adults - 2016. <i>Medical Journal of Australia</i> , 2016 , 205, 85-9 | 4 | 155 |
| 317 | 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> , 2019 , 40, 2006-2017 | 9.5 | 145 |
| 316 | Sympathetic nervous system activity is associated with obesity-induced subclinical organ damage in young adults. <i>Hypertension</i> , 2010 , 56, 351-8 | 8.5 | 141 |
| 315 | First report of the Global SYMPLICITY Registry on the effect of renal artery denervation in patients with uncontrolled hypertension. <i>Hypertension</i> , 2015 , 65, 766-74 | 8.5 | 139 |
| 314 | Sympatho-renal axis in chronic disease. <i>Clinical Research in Cardiology</i> , 2011 , 100, 1049-57 | 6.1 | 135 |
| 313 | New drugs, procedures, and devices for hypertension. <i>Lancet, The</i> , 2012 , 380, 591-600 | 40 | 115 |
| 312 | Device-based antihypertensive therapy: therapeutic modulation of the autonomic nervous system. <i>Circulation</i> , 2011 , 123, 209-15 | 16.7 | 114 |
| 311 | Increased wall:lumen ratio of retinal arterioles in male patients with a history of a cerebrovascular event. <i>Hypertension</i> , 2007 , 50, 623-9 | 8.5 | 113 |
| 310 | Sustained sympathetic and blood pressure reduction 1 year after renal denervation in patients with resistant hypertension. <i>Hypertension</i> , 2014 , 64, 118-24 | 8.5 | 110 |

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|-----|---|------|-----|
| 309 | Chronic mental stress is a cause of essential hypertension: presence of biological markers of stress. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2008 , 35, 498-502 | 3 | 110 |
| 308 | Effect of renal denervation on left ventricular mass and function in patients with resistant hypertension: data from a multi-centre cardiovascular magnetic resonance imaging trial. <i>European Heart Journal</i> , 2014 , 35, 2224-31b | 9.5 | 109 |
| 307 | Reinnervation of renal afferent and efferent nerves at 5.5 and 11 months after catheter-based radiofrequency renal denervation in sheep. <i>Hypertension</i> , 2015 , 65, 393-400 | 8.5 | 105 |
| 306 | Impaired L-arginine transport and endothelial function in hypertensive and genetically predisposed normotensive subjects. <i>Circulation</i> , 2004 , 110, 3680-6 | 16.7 | 105 |
| 305 | International expert consensus statement: Percutaneous transluminal renal denervation for the treatment of resistant hypertension. <i>Journal of the American College of Cardiology</i> , 2013 , 62, 2031-45 | 15.1 | 104 |
| 304 | Feasibility of catheter-based renal nerve ablation and effects on sympathetic nerve activity and blood pressure in patients with end-stage renal disease. <i>International Journal of Cardiology</i> , 2013 , 168, 2214-20 | 3.2 | 101 |
| 303 | Renal denervation: a potential new treatment modality for polycystic ovary syndrome?. <i>Journal of Hypertension</i> , 2011 , 29, 991-6 | 1.9 | 100 |
| 302 | May Measurement Month 2019: The Global Blood Pressure Screening Campaign of the International Society of Hypertension. <i>Hypertension</i> , 2020 , 76, 333-341 | 8.5 | 99 |
| 301 | Role of the sympathetic nervous system in regulation of the sodium glucose cotransporter 2. <i>Journal of Hypertension</i> , 2017 , 35, 2059-2068 | 1.9 | 97 |
| 300 | Effects of renal denervation on kidney function and long-term outcomes: 3-year follow-up from the Global SYMPLICITY Registry. <i>European Heart Journal</i> , 2019 , 40, 3474-3482 | 9.5 | 95 |
| 299 | Joint statement of the European Association for the Study of Obesity and the European Society of Hypertension: obesity and difficult to treat arterial hypertension. <i>Journal of Hypertension</i> , 2012 , 30, 1047-55 | 7.95 | 95 |
| 298 | Ambulatory blood pressure monitoring in Australia: 2011 consensus position statement. <i>Journal of Hypertension</i> , 2012 , 30, 253-66 | 1.9 | 94 |
| 297 | Gender differences in sympathetic nervous activity: influence of body mass and blood pressure. <i>Journal of Hypertension</i> , 2007 , 25, 1411-9 | 1.9 | 92 |
| 296 | Rapid improvement of nitric oxide bioavailability after lipid-lowering therapy with cerivastatin within two weeks. <i>Journal of the American College of Cardiology</i> , 2001 , 37, 1351-8 | 15.1 | 92 |
| 295 | Sympathetic neural adaptation to hypocaloric diet with or without exercise training in obese metabolic syndrome subjects. <i>Diabetes</i> , 2010 , 59, 71-9 | 0.9 | 91 |
| 294 | Point: Chronic activation of the sympathetic nervous system is the dominant contributor to systemic hypertension. <i>Journal of Applied Physiology</i> , 2010 , 109, 1996-8; discussion 2016 | 3.7 | 89 |
| 293 | The effects of weight loss versus weight loss maintenance on sympathetic nervous system activity and metabolic syndrome components. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, E503-8 | 5.6 | 83 |
| 292 | Metabolic syndrome: a sympathetic disease?. <i>Lancet Diabetes and Endocrinology</i> , 2015 , 3, 148-57 | 18.1 | 82 |

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| 291 | Neuroadrenergic dysfunction along the diabetes continuum: a comparative study in obese metabolic syndrome subjects. <i>Diabetes</i> , 2012 , 61, 2506-16 | 0.9 | 82 |
| 290 | Association between the sympathetic firing pattern and anxiety level in patients with the metabolic syndrome and elevated blood pressure. <i>Journal of Hypertension</i> , 2010 , 28, 543-50 | 1.9 | 79 |
| 289 | Blunted sympathetic neural response to oral glucose in obese subjects with the insulin-resistant metabolic syndrome. <i>American Journal of Clinical Nutrition</i> , 2009 , 89, 27-36 | 7 | 77 |
| 288 | The role of renal denervation in the treatment of heart failure. <i>Current Cardiology Reports</i> , 2012 , 14, 285-92 | 4.2 | 75 |
| 287 | The role of sympathetic nervous activity in renal injury and end-stage renal disease. <i>Hypertension Research</i> , 2010 , 33, 521-8 | 4.7 | 72 |
| 286 | Analysis of retinal arteriolar structure in never-treated patients with essential hypertension. <i>Journal of Hypertension</i> , 2008 , 26, 1427-34 | 1.9 | 71 |
| 285 | Human sympathetic nerve biology: parallel influences of stress and epigenetics in essential hypertension and panic disorder. <i>Annals of the New York Academy of Sciences</i> , 2008 , 1148, 338-48 | 6.5 | 71 |
| 284 | Diet low in advanced glycation end products increases insulin sensitivity in healthy overweight individuals: a double-blind, randomized, crossover trial. <i>American Journal of Clinical Nutrition</i> , 2016 , 103, 1426-33 | 7 | 71 |
| 283 | SGLT2 Inhibitor-Induced Sympathoinhibition: A Novel Mechanism for Cardiorenal Protection. <i>JACC Basic To Translational Science</i> , 2020 , 5, 169-179 | 8.7 | 70 |
| 282 | Assessment of endothelial function of the renal vasculature in human subjects. <i>American Journal of Hypertension</i> , 2002 , 15, 3-9 | 2.3 | 69 |
| 281 | Exercise augments weight loss induced improvement in renal function in obese metabolic syndrome individuals. <i>Journal of Hypertension</i> , 2011 , 29, 553-64 | 1.9 | 67 |
| 280 | Altered sympathetic nervous reactivity and norepinephrine transporter expression in patients with postural tachycardia syndrome. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2008 , 1, 103-9 | 6.4 | 67 |
| 279 | Role of the Sympathetic Nervous System and Its Modulation in Renal Hypertension. <i>Frontiers in Medicine</i> , 2018 , 5, 82 | 4.9 | 66 |
| 278 | Relation between QT interval variability and cardiac sympathetic activity in hypertension. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011 , 300, H1412-7 | 5.2 | 66 |
| 277 | The neuronal noradrenaline transporter, anxiety and cardiovascular disease. <i>Journal of Psychopharmacology</i> , 2006 , 20, 60-6 | 4.6 | 64 |
| 276 | Ghrelin modulates sympathetic nervous system activity and stress response in lean and overweight men. <i>Hypertension</i> , 2011 , 58, 43-50 | 8.5 | 61 |
| 275 | Surgical approaches to the treatment of obesity. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2011 , 8, 429-37 | 24.2 | 58 |
| 274 | Health-related quality of life after renal denervation in patients with treatment-resistant hypertension. <i>Hypertension</i> , 2012 , 60, 1479-84 | 8.5 | 58 |

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| 273 | Role of the Sympathetic Nervous System in Stress-Mediated Cardiovascular Disease. <i>Current Hypertension Reports</i> , 2015 , 17, 80 | 4.7 | 57 |
| 272 | Effects of renal denervation on sympathetic activation, blood pressure, and glucose metabolism in patients with resistant hypertension. <i>Frontiers in Physiology</i> , 2012 , 3, 10 | 4.6 | 57 |
| 271 | Renal nerve ablation reduces augmentation index in patients with resistant hypertension. <i>Journal of Hypertension</i> , 2013 , 31, 1893-900 | 1.9 | 57 |
| 270 | Rapid nongenomic effects of aldosterone on the renal vasculature in humans. <i>Hypertension</i> , 2006 , 47, 650-5 | 8.5 | 57 |
| 269 | New developments in the pathogenesis of obesity-induced hypertension. <i>Journal of Hypertension</i> , 2015 , 33, 1499-508 | 1.9 | 56 |
| 268 | Impact of aldosterone on left ventricular structure and function in young normotensive and mildly hypertensive subjects. <i>American Journal of Cardiology</i> , 2000 , 85, 1199-206 | 3 | 51 |
| 267 | Sympathetic and cardiac baroreflex function in panic disorder. <i>Journal of Hypertension</i> , 2002 , 20, 2445-51 | 1.9 | 50 |
| 266 | Single-unit muscle sympathetic nervous activity and its relation to cardiac noradrenaline spillover. <i>Journal of Physiology</i> , 2011 , 589, 2597-605 | 3.9 | 49 |
| 265 | Left ventricular hypertrophy and its regression: pathophysiology and therapeutic approach: focus on treatment by antihypertensive agents. <i>American Journal of Hypertension</i> , 1998 , 11, 1394-404 | 2.3 | 48 |
| 264 | 1166 A/C polymorphism of the angiotensin II type 1 receptor gene and the response to short-term infusion of angiotensin II. <i>Circulation</i> , 1999 , 100, 1394-9 | 16.7 | 48 |
| 263 | Sympathetic activation and endothelial dysfunction in polycystic ovary syndrome are not explained by either obesity or insulin resistance. <i>Clinical Endocrinology</i> , 2015 , 83, 812-9 | 3.4 | 47 |
| 262 | Renal denervation and hypertension. <i>American Journal of Hypertension</i> , 2011 , 24, 635-42 | 2.3 | 46 |
| 261 | Renal Denervation Reduces Monocyte Activation and Monocyte-Platelet Aggregate Formation: An Anti-Inflammatory Effect Relevant for Cardiovascular Risk. <i>Hypertension</i> , 2017 , 69, 323-331 | 8.5 | 45 |
| 260 | Reverse cardiac remodeling after renal denervation: Atrial electrophysiologic and structural changes associated with blood pressure lowering. <i>Heart Rhythm</i> , 2015 , 12, 982-90 | 6.7 | 45 |
| 259 | Dyslipidemia is associated with sympathetic nervous activation and impaired endothelial function in young females. <i>American Journal of Hypertension</i> , 2013 , 26, 250-6 | 2.3 | 45 |
| 258 | Does lipoprotein(a) impair endothelial function?. <i>Journal of the American College of Cardiology</i> , 1998 , 31, 359-65 | 15.1 | 44 |
| 257 | Extra-adipocyte leptin release in human obesity and its relation to sympathoadrenal function. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2004 , 286, E744-52 | 6 | 43 |
| 256 | Rationale and design of a large registry on renal denervation: the Global SYMPPLICITY registry. <i>EuroIntervention</i> , 2013 , 9, 484-92 | 3.1 | 42 |

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| 255 | Renal Denervation in High-Risk Patients With Hypertension. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 2879-2888 | 15.1 | 41 |
| 254 | Weight loss may reverse blunted sympathetic neural responsiveness to glucose ingestion in obese subjects with metabolic syndrome. <i>Diabetes</i> , 2009 , 58, 1126-32 | 0.9 | 41 |
| 253 | Sympathetic nervous response to ischemia-reperfusion injury in humans is altered with remote ischemic preconditioning. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016 , 311, H364-70 | 5.2 | 40 |
| 252 | Improved Hypertension Control with the Imidazoline Agonist Moxonidine in a Multinational Metabolic Syndrome Population: Principal Results of the MERSY Study. <i>International Journal of Hypertension</i> , 2013 , 2013, 541689 | 2.4 | 39 |
| 251 | Morning surge in blood pressure is associated with reactivity of the sympathetic nervous system. <i>American Journal of Hypertension</i> , 2014 , 27, 783-92 | 2.3 | 38 |
| 250 | Novel procedure- and device-based strategies in the management of systemic hypertension. <i>European Heart Journal</i> , 2011 , 32, 537-44 | 9.5 | 38 |
| 249 | Renal Denervation Update From the International Sympathetic Nervous System Summit: JACC State-of-the-Art Review. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 3006-3017 | 15.1 | 37 |
| 248 | Effect of renal denervation on kidney function in patients with chronic kidney disease. <i>International Journal of Cardiology</i> , 2017 , 232, 93-97 | 3.2 | 36 |
| 247 | Renal Denervation for Treating Hypertension: Current Scientific and Clinical Evidence. <i>JACC: Cardiovascular Interventions</i> , 2019 , 12, 1095-1105 | 5 | 36 |
| 246 | Renal denervation in human hypertension: mechanisms, current findings, and future prospects. <i>Current Hypertension Reports</i> , 2012 , 14, 247-53 | 4.7 | 36 |
| 245 | Facilitated defensive coping, silent ischaemia and ECG left-ventricular hypertrophy: the SABPA study. <i>Journal of Hypertension</i> , 2012 , 30, 543-50 | 1.9 | 36 |
| 244 | Evaluation of neurotoxicity induced by paclitaxel second-line chemotherapy. <i>Supportive Care in Cancer</i> , 1999 , 7, 354-61 | 3.9 | 36 |
| 243 | Sustained Decrease in Blood Pressure and Reduced Anatomical and Functional Reinnervation of Renal Nerves in Hypertensive Sheep 30 Months After Catheter-Based Renal Denervation. <i>Hypertension</i> , 2019 , 73, 718-727 | 8.5 | 35 |
| 242 | Effects of renal sympathetic denervation on urinary sodium excretion in patients with resistant hypertension. <i>Clinical Research in Cardiology</i> , 2015 , 104, 672-8 | 6.1 | 35 |
| 241 | Wall-to-lumen ratio of retinal arterioles is related with urinary albumin excretion and altered vascular reactivity to infusion of the nitric oxide synthase inhibitor N-monomethyl-L-arginine. <i>Journal of Hypertension</i> , 2009 , 27, 2201-8 | 1.9 | 35 |
| 240 | Single-unit sympathetic discharge pattern in pathological conditions associated with elevated cardiovascular risk. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2008 , 35, 503-7 | 3 | 35 |
| 239 | Prospective analysis of the value of 24-hour ambulatory blood pressure on renal function after kidney transplantation. <i>Transplantation</i> , 2000 , 70, 819-27 | 1.8 | 35 |
| 238 | Recurrent postural vasovagal syncope: sympathetic nervous system phenotypes. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2011 , 4, 711-8 | 6.4 | 34 |

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| 237 | Baseline sympathetic nervous system activity predicts dietary weight loss in obese metabolic syndrome subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, 605-13 | 5.6 | 33 |
| 236 | Renal sympathetic nerve ablation: the new frontier in the treatment of hypertension. <i>Current Hypertension Reports</i> , 2010 , 12, 39-46 | 4.7 | 33 |
| 235 | Obesity Paradox in Hypertension: Is This Because Sympathetic Activation in Obesity-Hypertension Takes a Benign Form?. <i>Hypertension</i> , 2018 , 71, 22-33 | 8.5 | 33 |
| 234 | Cardiovascular disease and COVID-19: Australian and New Zealand consensus statement. <i>Medical Journal of Australia</i> , 2020 , 213, 182-187 | 4 | 32 |
| 233 | Association of (pro)renin receptor gene polymorphism with blood pressure in Caucasian men. <i>Pharmacogenetics and Genomics</i> , 2011 , 21, 347-9 | 1.9 | 31 |
| 232 | A polymorphism in the norepinephrine transporter gene is associated with affective and cardiovascular disease through a microRNA mechanism. <i>Molecular Psychiatry</i> , 2017 , 22, 134-141 | 15.1 | 30 |
| 231 | Renal vascular endothelial function in hypertensive patients with type 2 diabetes mellitus. <i>American Journal of Kidney Diseases</i> , 2009 , 53, 281-9 | 7.4 | 30 |
| 230 | European Society of Hypertension Working Group on Obesity Antihypertensive effects of weight loss: myth or reality?. <i>Journal of Hypertension</i> , 2010 , 28, 637-43 | 1.9 | 30 |
| 229 | The bidirectional interaction between the sympathetic nervous system and immune mechanisms in the pathogenesis of hypertension. <i>British Journal of Pharmacology</i> , 2019 , 176, 1839-1852 | 8.6 | 29 |
| 228 | Sympathetic activity and markers of cardiovascular risk in nondiabetic severely obese patients: the effect of the initial 10% weight loss. <i>American Journal of Hypertension</i> , 2014 , 27, 1308-15 | 2.3 | 29 |
| 227 | Mildly elevated homocysteine concentrations impair endothelium dependent vasodilation in hypercholesterolemic patients. <i>Atherosclerosis</i> , 2000 , 153, 383-9 | 3.1 | 29 |
| 226 | Catheter-Based Renal Denervation Exacerbates Blood Pressure Fall During Hemorrhage. <i>Journal of the American College of Cardiology</i> , 2017 , 69, 951-964 | 15.1 | 28 |
| 225 | Sympathetic Response and Outcomes Following Renal Denervation in Patients With Chronic Heart Failure: 12-Month Outcomes From the Symplicity HF Feasibility Study. <i>Journal of Cardiac Failure</i> , 2017 , 23, 702-707 | 3.3 | 28 |
| 224 | Is l-arginine infusion an adequate tool to assess endothelium-dependent vasodilation of the human renal vasculature?. <i>Clinical Science</i> , 2000 , 99, 293-302 | 6.5 | 28 |
| 223 | Targeting the sympathetic nervous system: critical issues in patient selection, efficacy, and safety of renal denervation. <i>Hypertension</i> , 2014 , 63, 426-32 | 8.5 | 27 |
| 222 | Rosuvastatin improves basal nitric oxide activity of the renal vasculature in patients with hypercholesterolemia. <i>Atherosclerosis</i> , 2008 , 196, 704-11 | 3.1 | 27 |
| 221 | Effects of oral contraceptives on vascular endothelium in premenopausal women. <i>American Journal of Obstetrics and Gynecology</i> , 2000 , 183, 28-33 | 6.4 | 27 |
| 220 | Reinnervation following catheter-based radio-frequency renal denervation. <i>Experimental Physiology</i> , 2015 , 100, 485-90 | 2.4 | 25 |

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|-----|--|-----|----|
| 219 | European Society of Hypertension Working Group on Obesity Obesity-induced hypertension and target organ damage: current knowledge and future directions. <i>Journal of Hypertension</i> , 2009 , 27, 207-11 | 1.9 | 24 |
| 218 | Advanced glycation end products (AGEs) are cross-sectionally associated with insulin secretion in healthy subjects. <i>Amino Acids</i> , 2014 , 46, 321-6 | 3.5 | 23 |
| 217 | Sympathetic activation in chronic kidney disease: out of the shadow. <i>Hypertension</i> , 2011 , 57, 683-5 | 8.5 | 23 |
| 216 | Reduction in basal nitric oxide activity causes albuminuria. <i>Diabetes</i> , 2011 , 60, 572-6 | 0.9 | 22 |
| 215 | Impaired sodium excretion during mental stress in mild essential hypertension. <i>Hypertension</i> , 2001 , 37, 923-7 | 8.5 | 22 |
| 214 | Altered aldosterone response to salt intake and angiotensin II infusion in young normotensive men with parental history of arterial hypertension. <i>Journal of Hypertension</i> , 2002 , 20, 117-24 | 1.9 | 22 |
| 213 | Angiotensin II stimulates left ventricular hypertrophy in hypertensive patients independently of blood pressure. <i>American Journal of Hypertension</i> , 1999 , 12, 418-422 | 2.3 | 22 |
| 212 | The Role of Central Nervous System Mechanisms in Resistant Hypertension. <i>Current Hypertension Reports</i> , 2015 , 17, 58 | 4.7 | 21 |
| 211 | A randomized controlled trial of the effects of pioglitazone treatment on sympathetic nervous system activity and cardiovascular function in obese subjects with metabolic syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, E1701-7 | 5.6 | 21 |
| 210 | Effect of intensive structured care on individual blood pressure targets in primary care: multicentre randomised controlled trial. <i>BMJ, The</i> , 2012 , 345, e7156 | 5.9 | 21 |
| 209 | Basal nitric oxide synthase activity is a major determinant of glomerular haemodynamics in humans. <i>Journal of Hypertension</i> , 2008 , 26, 110-6 | 1.9 | 21 |
| 208 | Relation between the renin-angiotensin-aldosterone system and left ventricular structure and function in young normotensive and mildly hypertensive subjects. <i>American Heart Journal</i> , 1999 , 138, 810-7 | 4.9 | 21 |
| 207 | European Society of Hypertension position paper on renal denervation 2021. <i>Journal of Hypertension</i> , 2021 , 39, 1733-1741 | 1.9 | 21 |
| 206 | Sympathetic Nervous System Activation and Its Modulation: Role in Atrial Fibrillation. <i>Frontiers in Neuroscience</i> , 2018 , 12, 1058 | 5.1 | 20 |
| 205 | Short-term effects of catheter-based renal denervation on cardiac sympathetic drive and cardiac baroreflex function in heart failure. <i>International Journal of Cardiology</i> , 2015 , 190, 220-6 | 3.2 | 20 |
| 204 | Renal denervation: current implications and future perspectives. <i>Clinical Science</i> , 2014 , 126, 41-53 | 6.5 | 20 |
| 203 | Angiotensin II and norepinephrine release: interaction and effects on the heart. <i>Journal of Hypertension</i> , 2005 , 23, 1077-82 | 1.9 | 20 |
| 202 | Obesity-Associated Organ Damage and Sympathetic Nervous Activity. <i>Hypertension</i> , 2019 , 73, 1150-1158 | 8.5 | 19 |

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|-----|--|-----|----|
| 201 | Opposing effects of shear-mediated dilation and myogenic constriction on artery diameter in response to handgrip exercise in humans. <i>Journal of Applied Physiology</i> , 2015 , 119, 858-64 | 3.7 | 19 |
| 200 | Percutaneous transluminal renal denervation: a potential treatment option for polycystic kidney disease-related pain?. <i>International Journal of Cardiology</i> , 2013 , 162, e58-9 | 3.2 | 19 |
| 199 | Change in sympathetic nerve firing pattern associated with dietary weight loss in the metabolic syndrome. <i>Frontiers in Physiology</i> , 2011 , 2, 52 | 4.6 | 19 |
| 198 | Plasma soluble adhesion molecules and endothelium-dependent vasodilation in early human atherosclerosis. <i>Clinical Science</i> , 2000 , 98, 521-529 | 6.5 | 19 |
| 197 | Chronic kidney disease: role of sympathetic nervous system activation and potential benefits of renal denervation. <i>EuroIntervention</i> , 2013 , 9 Suppl R, R127-35 | 3.1 | 19 |
| 196 | The relation of glucose metabolism to left ventricular mass and function and sympathetic nervous system activity in obese subjects with metabolic syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013 , 98, E227-37 | 5.6 | 18 |
| 195 | Does renalase degrade catecholamines?. <i>Kidney International</i> , 2011 , 79, 1380; author reply 1380-1 | 9.9 | 18 |
| 194 | Chronic depression symptoms and salivary NOx are associated with retinal vascular dysregulation: The SABPA study. <i>Nitric Oxide - Biology and Chemistry</i> , 2016 , 55-56, 10-7 | 5 | 18 |
| 193 | Autonomic Regulation of Glucose Homeostasis: a Specific Role for Sympathetic Nervous System Activation. <i>Current Diabetes Reports</i> , 2018 , 18, 107 | 5.6 | 18 |
| 192 | Renal denervation reduces office and ambulatory heart rate in patients with uncontrolled hypertension: 12-month outcomes from the global SYMPLICITY registry. <i>Journal of Hypertension</i> , 2016 , 34, 2480-2486 | 1.9 | 17 |
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