

# Paul A Sobotka

## List of Publications by Year in descending order

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Version: 2024-02-01

83  
papers

13,602  
citations

57758

44  
h-index

64796

79  
g-index

83  
all docs

83  
docs citations

83  
times ranked

5548  
citing authors

#	ARTICLE	IF	CITATIONS
1	Renal sympathetic denervation in patients with treatment-resistant hypertension (The Symplicity HTN-2) Trial. <i>Journal of the American College of Cardiology</i> , 2009, 53, 1275-1281.	13.7	2,002
2	Catheter-based renal sympathetic denervation for resistant hypertension: a multicentre safety and proof-of-principle cohort study. <i>Lancet</i> , 2009, 373, 1275-1281.	13.7	1,918
3	Ultrafiltration Versus Intravenous Diuretics for Patients Hospitalized for Acute Decompensated Heart Failure. <i>Journal of the American College of Cardiology</i> , 2007, 49, 675-683.	2.8	978
4	Renal Sympathetic-Nerve Ablation for Uncontrolled Hypertension. <i>New England Journal of Medicine</i> , 2009, 361, 932-934.	27.0	702
5	Percutaneous renal denervation in patients with treatment-resistant hypertension: final 3-year report of the Symplicity HTN-1 study. <i>Lancet</i> , 2014, 383, 622-629.	13.7	556
6	Effect of Renal Sympathetic Denervation on Glucose Metabolism in Patients With Resistant Hypertension. <i>Circulation</i> , 2011, 123, 1940-1946.	1.6	541
7	Predictors of blood pressure response in the SYMPPLICITY HTN-3 trial. <i>European Heart Journal</i> , 2015, 36, 219-227.	2.2	458
8	Effects of Renal Sympathetic Denervation on Blood Pressure, Sleep Apnea Course, and Glycemic Control in Patients With Resistant Hypertension and Sleep Apnea. <i>Hypertension</i> , 2011, 58, 559-565.	2.7	427
9	Renal Sympathetic Denervation for Treatment of Drug-Resistant Hypertension. <i>Circulation</i> , 2012, 126, 2976-2982.	1.6	420
10	Ultrafiltration Versus Usual Care for Hospitalized Patients With Heart Failure. <i>Journal of the American College of Cardiology</i> , 2005, 46, 2043-2046.	2.8	375
11	Renal Denervation in Moderate to Severe CKD. <i>Journal of the American Society of Nephrology: JASN</i> , 2012, 23, 1250-1257.	6.1	322
12	Catheter-Based Renal Denervation for Resistant Hypertension: Rationale and Design of the SYMPPLICITY HTN-3 Trial. <i>Clinical Cardiology</i> , 2012, 35, 528-535.	1.8	278
13	First-in-man safety evaluation of renal denervation for chronic systolic heart failure: Primary outcome from REACH-Pilot study. <i>International Journal of Cardiology</i> , 2013, 162, 189-192.	1.7	274
14	Sympathetically Mediated Changes in Capacitance. <i>Circulation: Heart Failure</i> , 2011, 4, 669-675.	3.9	251
15	Ambulatory Blood Pressure Changes After Renal Sympathetic Denervation in Patients With Resistant Hypertension. <i>Circulation</i> , 2013, 128, 132-140.	1.6	240
16	The Carotid Body as a Therapeutic Target for the Treatment of Sympathetically Mediated Diseases. <i>Hypertension</i> , 2013, 61, 5-13.	2.7	232
17	Renal Denervation as a Therapeutic Approach for Hypertension. <i>Hypertension</i> , 2009, 54, 1195-1201.	2.7	220
18	Renal sympathetic denervation for treatment of electrical storm: first-in-man experience. <i>Clinical Research in Cardiology</i> , 2012, 101, 63-67.	3.3	216

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19	The carotid body as a putative therapeutic target for the treatment of neurogenic hypertension. <i>Nature Communications</i> , 2013, 4, 2395.	12.8	204
20	Hypertension is critically dependent on the carotid body input in the spontaneously hypertensive rat. <i>Journal of Physiology</i> , 2012, 590, 4269-4277.	2.9	188
21	Sympatho-renal axis in chronic disease. <i>Clinical Research in Cardiology</i> , 2011, 100, 1049-1057.	3.3	155
22	Central arteriovenous anastomosis for the treatment of patients with uncontrolled hypertension (the ROX CONTROL HTN study): a randomised controlled trial. <i>Lancet</i> , The, 2015, 385, 1634-1641.	13.7	155
23	Cardiorespiratory Response to Exercise After Renal Sympathetic Denervation in Patients With Resistant Hypertension. <i>Journal of the American College of Cardiology</i> , 2011, 58, 1176-1182.	2.8	142
24	Ultrafiltration is Associated With Fewer Rehospitalizations than Continuous Diuretic Infusion in Patients With Decompensated Heart Failure: Results From UNLOAD. <i>Journal of Cardiac Failure</i> , 2010, 16, 277-284.	1.7	130
25	Renal denervation: a potential new treatment modality for polycystic ovary syndrome?. <i>Journal of Hypertension</i> , 2011, 29, 991-996.	0.5	124
26	International Expert Consensus Statement. <i>Journal of the American College of Cardiology</i> , 2013, 62, 2031-2045.	2.8	124
27	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, 2214-2220.	1.7	122
28	Unilateral Carotid Body Resection in Resistant Hypertension. <i>JACC Basic To Translational Science</i> , 2016, 1, 313-324.	4.1	118
29	Carotid body resection for sympathetic modulation in systolic heart failure: results from first-in-man study. <i>European Journal of Heart Failure</i> , 2017, 19, 391-400.	7.1	97
30	Renal Denervation in Moderate Treatment-Resistant Hypertension. <i>Journal of the American College of Cardiology</i> , 2013, 62, 1880-1886.	2.8	93
31	The Role of Renal Denervation in the Treatment of Heart Failure. <i>Current Cardiology Reports</i> , 2012, 14, 285-292.	2.9	83
32	Carotid body removal for treatment of chronic systolic heart failure. <i>International Journal of Cardiology</i> , 2013, 168, 2506-2509.	1.7	83
33	Renal Denervation in Resistant Hypertension and Obstructive Sleep Apnea. <i>Hypertension</i> , 2018, 72, 381-390.	2.7	73
34	Renal Denervation for Hypertension. <i>JACC: Cardiovascular Interventions</i> , 2012, 5, 249-258.	2.9	70
35	Expired Hydrocarbons in Patients with Acute Myocardial Infarction. <i>Free Radical Research</i> , 1995, 23, 117-122.	3.3	68
36	Renal nerve ablation reduces augmentation index in patients with resistant hypertension. <i>Journal of Hypertension</i> , 2013, 31, 1893-1900.	0.5	66

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37	Loop Diuretics Can Cause Clinical Natriuretic Failure: A Prescription for Volume Expansion. <i>Congestive Heart Failure</i> , 2009, 15, 1-4.	2.0	63
38	Renal Denervation and Hypertension. <i>American Journal of Hypertension</i> , 2011, 24, 635-642.	2.0	63
39	Revelations About Carotid Body Function Through its Pathological Role in Resistant Hypertension. <i>Current Hypertension Reports</i> , 2013, 15, 273-280.	3.5	62
40	Dissociation between blood pressure and heart rate response to hypoxia after bilateral carotid body removal in men with systolic heart failure. <i>Experimental Physiology</i> , 2014, 99, 552-561.	2.0	52
41	Vascular and Renal Hemodynamic Changes after Renal Denervation. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2013, 8, 1195-1201.	4.5	51
42	Arteriovenous Anastomosis. <i>Hypertension</i> , 2014, 64, 6-12.	2.7	49
43	Breath pentane and plasma lipid peroxides in ischemic heart disease. <i>Free Radical Biology and Medicine</i> , 1995, 19, 679-684.	2.9	46
44	Central Iliac Arteriovenous Anastomosis for Uncontrolled Hypertension. <i>Hypertension</i> , 2017, 70, 1099-1105.	2.7	44
45	Renal Denervation in Human Hypertension: Mechanisms, Current Findings, and Future Prospects. <i>Current Hypertension Reports</i> , 2012, 14, 247-253.	3.5	43
46	Clinical Predictors and Hemodynamic Consequences of Elevated Peripheral Chemosensitivity in Optimally Treated Men With Chronic Systolic Heart Failure. <i>Journal of Cardiac Failure</i> , 2013, 19, 408-415.	1.7	43
47	Renal Sympathetic Nerve Ablation: The New Frontier in the Treatment of Hypertension. <i>Current Hypertension Reports</i> , 2010, 12, 39-46.	3.5	41
48	Myocellular and Interstitial Edema and Circulating Volume Expansion as a Cause of Morbidity and Mortality in Heart Failure. <i>Journal of Cardiac Failure</i> , 2007, 13, 133-136.	1.7	37
49	Splanchnic nerve modulation in heart failure: mechanistic overview, initial clinical experience, and safety considerations. <i>European Journal of Heart Failure</i> , 2021, 23, 1076-1084.	7.1	37
50	Renal Denervation in a Hypertensive Patient With End-Stage Renal Disease and Small Arteries: A Direction for Future Research. <i>Journal of Clinical Hypertension</i> , 2012, 14, 799-801.	2.0	35
51	Interventional procedures and future drug therapy for hypertension. <i>European Heart Journal</i> , 2017, 38, ehw303.	2.2	34
52	Extracardiac Abnormalities of Preload Reserve. <i>Circulation: Heart Failure</i> , 2021, 14, e007308.	3.9	33
53	The ROX coupler: Creation of a fixed iliac arteriovenous anastomosis for the treatment of uncontrolled systemic arterial hypertension, exploiting the physical properties of the arterial vasculature. <i>Catheterization and Cardiovascular Interventions</i> , 2015, 85, 880-886.	1.7	28
54	Selective vs. Global Renal Denervation: a Case for Less Is More. <i>Current Hypertension Reports</i> , 2018, 20, 37.	3.5	27

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55	Chemohypersensitivity and Autonomic Modulation of Venous Capacitance in the Pathophysiology of Acute Decompensated Heart Failure. <i>Current Heart Failure Reports</i> , 2013, 10, 139-146.	3.3	24
56	Renal Nerves in the Maintenance of Hypertension: A Potential Therapeutic Target. <i>Current Hypertension Reports</i> , 2010, 12, 196-204.	3.5	23
57	The Sympathorenal Axis in Hypertension and Heart Failure. <i>Journal of Cardiac Failure</i> , 2010, 16, 369-373.	1.7	23
58	Central Iliac Arteriovenous Anastomosis for Hypertension: Targeting Mechanical Aspects of the Circulation. <i>Current Hypertension Reports</i> , 2015, 17, 585.	3.5	23
59	Prediction of readmissions and mortality in patients with heart failure: lessons from the IMPEDANCEâ€œCHF extended trial. <i>ESC Heart Failure</i> , 2018, 5, 788-799.	3.1	23
60	Fluid Re-Distribution Rather Than Accumulation Causes Most Cases of Decompensated Heart Failure. <i>Journal of the American College of Cardiology</i> , 2013, 62, 165-166.	2.8	22
61	Effect of Arteriovenous Anastomosis on Blood Pressure Reduction in Patients With Isolated Systolic Hypertension Compared With Combined Hypertension. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	22
62	Meta-Analysis of the Effect of Renal Denervation on Blood Pressure and Pulse Pressure in Patients With Resistant Systemic Hypertension. <i>American Journal of Cardiology</i> , 2014, 114, 856-861.	1.6	21
63	Catheter-Based Renal Denervation for Hypertension. <i>Current Hypertension Reports</i> , 2018, 20, 93.	3.5	16
64	Enhanced Sodium Extraction with Ultrafiltration Compared to Intravenous Diuretics. <i>Journal of Cardiac Failure</i> , 2006, 12, S114.	1.7	14
65	A Practical Guide for Ultrafiltration in Acute Decompensated Heart Failure. <i>Congestive Heart Failure</i> , 2008, 14, 83-88.	2.0	14
66	Recent advances in the treatment of hypertension. <i>Expert Review of Cardiovascular Therapy</i> , 2011, 9, 729-744.	1.5	14
67	Antihypertensive Effects of a Central Arteriovenous Anastomosis Are Mediated Through Profound Reduction in Systemic Vascular Resistance. <i>Circulation: Cardiovascular Interventions</i> , 2016, 9, e004012.	3.9	10
68	Central arteriovenous anastomosis to treat resistant hypertension. <i>Current Opinion in Nephrology and Hypertension</i> , 2018, 27, 8-15.	2.0	10
69	Renal Denervation for Patients With Heart Failure. <i>Circulation: Heart Failure</i> , 2021, 14, e008301.	3.9	10
70	Does Renal Artery Supply Indicate Treatment Success of Renal Denervation?. <i>CardioVascular and Interventional Radiology</i> , 2013, 36, 987-991.	2.0	7
71	Ready for a Marathon, Not a Sprint. <i>Journal of the American College of Cardiology</i> , 2013, 62, 2131-2133.	2.8	7
72	Sham trials: benefits and risks for cardiovascular research and patients. <i>Lancet, The</i> , 2019, 393, 2104-2106.	13.7	7

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73	Percutaneous Creation of a Central Iliac Arteriovenous Anastomosis for the Treatment of Arterial Hypertension. <i>Current Hypertension Reports</i> , 2018, 20, 18.	3.5	5
74	The Improved Outcomes Following Ultrafiltration Versus Intravenous Diuretics in UNLOAD Are Not Solely Due to Increased Weight Loss in the Ultrafiltration Group. <i>Journal of Cardiac Failure</i> , 2007, 13, S188-S189.	1.7	4
75	Correlation of Quantitated Intravascular Volume with Blood Pressure in Patients with Systemic Hypertension. <i>Journal of Cardiovascular Translational Research</i> , 2020, 13, 528-530.	2.4	4
76	Response to Role of the Carotid Body in Obesity-Related Sympathoactivation. <i>Hypertension</i> , 2013, 61, e58.	2.7	2
77	The Thrill of Success: Central Arterial-Venous Anastomosis for Hypertension. <i>Current Hypertension Reports</i> , 2014, 16, 497.	3.5	2
78	Efficiently Doing the Wrong Thing. <i>Journal of the American College of Cardiology</i> , 2012, 60, 1713.	2.8	1
79	Central arteriovenous anastomosis and hypertension – Authors' reply. <i>Lancet, The</i> , 2015, 386, 1821-1822.	13.7	1
80	Response to Letter Regarding Article, “Effect of Renal Sympathetic Denervation on Glucose Metabolism in Patients With Resistant Hypertension: A Pilot Study”. <i>Circulation</i> , 2011, 124, .	1.6	0
81	Response to Letter Regarding Article, “Ambulatory Blood Pressure Changes After Renal Sympathetic Denervation in Patients With Resistant Hypertension”. <i>Circulation</i> , 2014, 129, e500-1.	1.6	0
82	Devices for Hypertension. , 2013, , 230-235.		0
83	The Endpoint on Measuring the Clinical Effects of Renal Denervation: What Are the Best Surrogates. , 2015, , 25-43.		0