

Jir Widimsk Jr

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.

99
papers

7,231
citations

33
h-index

85
g-index

106
ext. papers

9,671
ext. citations

4.1
avg. IF

4.73
L-index

#	Paper	IF	Citations
99	2018 ESC/ESH Guidelines for the management of arterial hypertension. <i>European Heart Journal</i> , 2018 , 39, 3021-3104	9.5	3698
98	Outcomes after adrenalectomy for unilateral primary aldosteronism: an international consensus on outcome measures and analysis of remission rates in an international cohort. <i>Lancet Diabetes and Endocrinology</i> , 2017 , 5, 689-699	18.1	355
97	The Adrenal Vein Sampling International Study (AVIS) for identifying the major subtypes of primary aldosteronism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, 1606-14	5.6	243
96	Establishing reference values for central blood pressure and its amplification in a general healthy population and according to cardiovascular risk factors. <i>European Heart Journal</i> , 2014 , 35, 3122-33	9.5	188
95	Prevalence of primary hyperaldosteronism in moderate to severe hypertension in the Central Europe region. <i>Journal of Human Hypertension</i> , 2003 , 17, 349-52	2.6	176
94	Aliskiren, Enalapril, or Aliskiren and Enalapril in Heart Failure. <i>New England Journal of Medicine</i> , 2016 , 374, 1521-32	59.2	159
93	Randomized comparison of renal denervation versus intensified pharmacotherapy including spironolactone in true-resistant hypertension: six-month results from the Prague-15 study. <i>Hypertension</i> , 2015 , 65, 407-13	8.5	150
92	Effect of low-dose perindopril/indapamide on albuminuria in diabetes: preterax in albuminuria regression: PREMIER. <i>Hypertension</i> , 2003 , 41, 1063-71	8.5	131
91	Effects of valsartan compared to amlodipine on preventing type 2 diabetes in high-risk hypertensive patients: the VALUE trial. <i>Journal of Hypertension</i> , 2006 , 24, 1405-12	1.9	119
90	Precise assessment of noncompliance with the antihypertensive therapy in patients with resistant hypertension using toxicological serum analysis. <i>Journal of Hypertension</i> , 2013 , 31, 2455-61	1.9	107
89	High incidence of cardiovascular complications in pheochromocytoma. <i>Hormone and Metabolic Research</i> , 2012 , 44, 379-84	3.1	97
88	Risk Factors for Nonadherence to Antihypertensive Treatment. <i>Hypertension</i> , 2017 , 69, 1113-1120	8.5	95
87	Comparison of the insulin action parameters from hyperinsulinemic clamps with homeostasis model assessment and QUICKI indexes in subjects with different endocrine disorders. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004 , 89, 135-41	5.6	82
86	Biochemical Screening for Nonadherence Is Associated With Blood Pressure Reduction and Improvement in Adherence. <i>Hypertension</i> , 2017 , 70, 1042-1048	8.5	81
85	CHARACTERISTICS AND OUTCOMES OF METASTATIC SDHB AND SPORADIC PHEOCHROMOCYTOMA/PARAGANGLIOMA: AN NATIONAL INSTITUTES OF HEALTH STUDY. <i>Endocrine Practice</i> , 2016 , 22, 302-14	3.2	76
84	Increased arterial wall stiffness in primary aldosteronism in comparison with essential hypertension. <i>American Journal of Hypertension</i> , 2006 , 19, 909-14	2.3	74
83	Baseline Characteristics of Patients With Heart Failure and Preserved Ejection Fraction in the PARAGON-HF Trial. <i>Circulation: Heart Failure</i> , 2018 , 11, e004962	7.6	70

82	Adrenalectomy improves arterial stiffness in primary aldosteronism. <i>American Journal of Hypertension</i> , 2008 , 21, 1086-92	2.3	68
81	Increased intima-media thickness of the common carotid artery in primary aldosteronism in comparison with essential hypertension. <i>Journal of Hypertension</i> , 2007 , 25, 1451-7	1.9	68
80	Role of Adding Spironolactone and Renal Denervation in True Resistant Hypertension: One-Year Outcomes of Randomized PRAGUE-15 Study. <i>Hypertension</i> , 2016 , 67, 397-403	8.5	60
79	Eligibility for renal denervation: experience at 11 European expert centers. <i>Hypertension</i> , 2014 , 63, 1319-25	8.5	55
78	Computed Tomography and Adrenal Venous Sampling in the Diagnosis of Unilateral Primary Aldosteronism. <i>Hypertension</i> , 2018 , 72, 641-649	8.5	54
77	Role of positron emission tomography and bone scintigraphy in the evaluation of bone involvement in metastatic pheochromocytoma and paraganglioma: specific implications for succinate dehydrogenase enzyme subunit B gene mutations. <i>Endocrine-Related Cancer</i> , 2008 , 15, 311-23	5.7	54
76	Meta-analysis of randomized controlled trials of renal denervation in treatment-resistant hypertension. <i>Blood Pressure</i> , 2015 , 24, 263-74	1.7	51
75	Clinical Outcomes of 1625 Patients With Primary Aldosteronism Subtyped With Adrenal Vein Sampling. <i>Hypertension</i> , 2019 , 74, 800-808	8.5	47
74	The prevalence of metabolic syndrome and its components in two main types of primary aldosteronism. <i>Journal of Human Hypertension</i> , 2010 , 24, 625-30	2.6	42
73	Genetics, prevalence, screening and confirmation of primary aldosteronism: a position statement and consensus of the Working Group on Endocrine Hypertension of The European Society of Hypertension. <i>Journal of Hypertension</i> , 2020 , 38, 1919-1928	1.9	42
72	Pulse wave velocity in primary hyperparathyroidism and effect of surgical therapy. <i>Hypertension Research</i> , 2011 , 34, 296-300	4.7	40
71	Diurnal blood pressure variation in pheochromocytoma, primary aldosteronism and Cushing's syndrome. <i>Journal of Human Hypertension</i> , 2004 , 18, 107-11	2.6	40
70	Increased blood pressure variability in pheochromocytoma compared to essential hypertension patients. <i>Journal of Hypertension</i> , 2005 , 23, 2033-9	1.9	35
69	Serum leptin levels in patients with primary hyperaldosteronism before and after treatment: relationships to insulin sensitivity. <i>Journal of Human Hypertension</i> , 2002 , 16, 41-5	2.6	35
68	Changes in energy metabolism in pheochromocytoma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013 , 98, 1651-8	5.6	34
67	Metastatic pheochromocytoma: does the size and age matter?. <i>European Journal of Clinical Investigation</i> , 2011 , 41, 1121-8	4.6	33
66	Elevated inflammation markers in pheochromocytoma compared to other forms of hypertension. <i>NeuroImmunoModulation</i> , 2007 , 14, 57-64	2.5	30
65	Long-term effect of specific treatment of primary aldosteronism on carotid intima-media thickness. <i>Journal of Hypertension</i> , 2015 , 33, 874-82; discussion 882	1.9	28

64	Factors influencing arterial stiffness in pheochromocytoma and effect of adrenalectomy. <i>Hypertension Research</i> , 2010 , 33, 454-9	4.7	27
63	Subtyping of Primary Aldosteronism in the AVIS-2 Study: Assessment of Selectivity and Lateralization. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020 , 105,	5.6	27
62	Chromogranin A in the Laboratory Diagnosis of Pheochromocytoma and Paraganglioma. <i>Cancers</i> , 2019 , 11,	6.6	26
61	Subtype diagnosis, treatment, complications and outcomes of primary aldosteronism and future direction of research: a position statement and consensus of the Working Group on Endocrine Hypertension of the European Society of Hypertension. <i>Journal of Hypertension</i> , 2020 , 38, 1929-1936	1.9	25
60	Vascular disturbances in primary aldosteronism: clinical evidence. <i>Kidney and Blood Pressure Research</i> , 2012 , 35, 529-33	3.1	24
59	Determination of doxazosin and verapamil in human serum by fast LC-MS/MS: application to document non-compliance of patients. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010 , 878, 3167-73	3.2	24
58	A putative placebo analysis of the effects of sacubitril/valsartan in heart failure across the full range of ejection fraction. <i>European Heart Journal</i> , 2020 , 41, 2356-2362	9.5	21
57	Importance of thorough investigation of resistant hypertension before renal denervation: should compliance to treatment be evaluated systematically?. <i>Journal of Human Hypertension</i> , 2014 , 28, 684-8	2.6	21
56	Long-term effects of adrenalectomy or spironolactone on blood pressure control and regression of left ventricle hypertrophy in patients with primary aldosteronism. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2015 , 16, 1109-17	3	20
55	Renal denervation in comparison with intensified pharmacotherapy in true resistant hypertension: 2-year outcomes of randomized PRAGUE-15 study. <i>Journal of Hypertension</i> , 2017 , 35, 1093-1099	1.9	19
54	Recent advances in the diagnosis and treatment of pheochromocytoma. <i>Kidney and Blood Pressure Research</i> , 2006 , 29, 321-6	3.1	17
53	Blood Pressure Profile, Catecholamine Phenotype, and Target Organ Damage in Pheochromocytoma/Paraganglioma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019 , 104, 5170-5180	5.6	15
52	30-year trends in major cardiovascular risk factors in the Czech population, Czech MONICA and Czech post-MONICA, 1985 - 2016/17. <i>PLoS ONE</i> , 2020 , 15, e0232845	3.7	15
51	Combination antihypertensive therapy in clinical practice. The analysis of 1254 consecutive patients with uncontrolled hypertension. <i>Journal of Human Hypertension</i> , 2016 , 30, 35-9	2.6	15
50	Increased carotid intima-media thickness in patients with pheochromocytoma in comparison to essential hypertension. <i>Journal of Human Hypertension</i> , 2009 , 23, 350-8	2.6	13
49	Blood pressure response to renal denervation is correlated with baseline blood pressure variability: a patient-level meta-analysis. <i>Journal of Hypertension</i> , 2018 , 36, 221-229	1.9	12
48	Characteristics of blood pressure in pheochromocytoma. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1073, 86-93	6.5	12
47	Comparison of three office blood pressure measurement techniques and their effect on hypertension prevalence in the general population. <i>Journal of Hypertension</i> , 2020 , 38, 656-662	1.9	12

46	Long-Term Effect of Adrenalectomy on Cardiovascular Remodeling in Patients With Pheochromocytoma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017 , 102, 1208-1217	5.6	11
45	Expert consensus statement of the Czech Society of Cardiology and the Czech Society of Hypertension on catheter-based sympathetic renal denervation procedures (RDN) in the Czech Republic. <i>Cor Et Vasa</i> , 2012 , 54, e108-e112	0.3	10
44	Discrepant results of adrenal venous sampling in seven patients with primary aldosteronism. <i>Kidney and Blood Pressure Research</i> , 2012 , 35, 205-10	3.1	10
43	Progressive effects of valsartan compared with amlodipine in prevention of diabetes according to categories of diabetogenic risk in hypertensive patients: the VALUE trial. <i>Blood Pressure</i> , 2008 , 17, 170-7 ^{1.7}	1.7	10
42	Impact of essential hypertension and primary aldosteronism on plasma brain natriuretic peptide concentration. <i>Blood Pressure</i> , 2006 , 15, 302-7	1.7	10
41	Primary Aldosteronism and Pregnancy. <i>Kidney and Blood Pressure Research</i> , 2020 , 45, 275-285	3.1	8
40	Catheter-based renal denervation versus intensified medical treatment in patients with resistant hypertension: Rationale and design of a multicenter randomized study-PRAGUE-15. <i>Cor Et Vasa</i> , 2014 , 56, e235-e239	0.3	8
39	Efficacy and tolerability of rilmenidine compared with isradipine in hypertensive patients with features of metabolic syndrome. <i>Current Medical Research and Opinion</i> , 2006 , 22, 1287-94	2.5	8
38	Abolished nocturnal blood pressure fall in a boy with glucocorticoid-remediable aldosteronism. <i>Journal of Human Hypertension</i> , 1999 , 13, 823-8	2.6	7
37	Should All Patients with Resistant Hypertension Receive Spironolactone?. <i>Current Hypertension Reports</i> , 2016 , 18, 81	4.7	6
36	Left ventricle remodeling in men with moderate to severe volume-dependent hypertension. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2012 , 13, 426-34	3	6
35	Development of a fast LC-MS/MS method for quantification of rilmenidine in human serum: elucidation of fragmentation pathways by HRMS. <i>Journal of Mass Spectrometry</i> , 2010 , 45, 1179-85	2.2	6
34	Pheochromocytoma With Adrenergic Biochemical Phenotype Shows Decreased GLP-1 Secretion and Impaired Glucose Tolerance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020 , 105,	5.6	6
33	Technical and safety aspects of renal denervation. <i>Cor Et Vasa</i> , 2014 , 56, e228-e234	0.3	5
32	An update of the expert consensus statement of the Czech Hypertension Society on renal denervation in resistant hypertension. <i>Cor Et Vasa</i> , 2015 , 57, e187-e189	0.3	5
31	Catecholamines Induce Left Ventricular Subclinical Systolic Dysfunction: A Speckle-Tracking Echocardiography Study. <i>Cancers</i> , 2019 , 11,	6.6	4
30	Which serum uric acid levels are associated with increased cardiovascular risk in the general adult population?. <i>Journal of Clinical Hypertension</i> , 2020 , 22, 897-905	2.3	4
29	Paraganglioma in a 13-year-old girl: a novel SDHB gene mutation in the family?. <i>Cancer Genetics and Cytogenetics</i> , 2010 , 197, 189-92		4

28	Distinct plasma atrial natriuretic factor, renin and aldosterone responses to prolonged high-salt intake in hypertensive and normotensive rats. <i>Journal of Hypertension</i> , 1991 , 9, 241-7	1.9	4
27	Atrial natriuretic peptide concentration and natriuretic hormone activity in plasma of patients with chronic renal failure. <i>Hormone and Metabolic Research</i> , 1988 , 20, 709-12	3.1	4
26	Drug-resistant hypertension in primary aldosteronism patients undergoing adrenal vein sampling: the AVIS-2-RH study. <i>European Journal of Preventive Cardiology</i> , 2021 ,	3.9	4
25	Identification of Surgically Curable Primary Aldosteronism by Imaging in a Large, Multiethnic International Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, e4340-e4349	5.6	4
24	Summary of 2013 ESH/ESC Guidelines for the management of arterial hypertension. Prepared by the Czech Society of Hypertension/Czech Society of Cardiology. <i>Cor Et Vasa</i> , 2014 , 56, e494-e518	0.3	3
23	The efficacy and safety of valsartan and combination of valsartan and hydrochlorothiazide in the treatment of patients with mild to moderate arterial hypertension - the VICTORY trial. <i>Kardiologia Polska</i> , 2017 , 75, 55-64	0.9	3
22	The role of arterial hypertension in the primary prevention of stroke. <i>Cor Et Vasa</i> , 2016 , 58, e279-e286	0.3	2
21	Arterial hypertension and atrial fibrillation: selecting antihypertensive therapy. <i>Cor Et Vasa</i> , 2012 , 54, e248-e252	0.3	2
20	Increased carotid intima-media thickness in hypertensive patients with a high aldosterone/plasma renin activity ratio and elevated aldosterone plasma concentration. <i>Journal of Hypertension</i> , 2008 , 26, 1500-1501	1.9	2
19	Effect of prolonged high salt intake on atrial natriuretic factor's kinetics in rats. <i>Peptides</i> , 1990 , 11, 501-6	3.8	2
18	Plasma concentration and urinary excretion of arginine-vasopressin in primary aldosteronism during the fluid deprivation tests. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 1983 , 82, 347-55	2.3	2
17	Plasma endothelin-1,2 levels in mild and severe hypertension. <i>Journal of Hypertension</i> , 1991 , 9, S196	1.9	2
16	Global Differences in Heart Failure With Preserved Ejection Fraction: The PARAGON-HF Trial. <i>Circulation: Heart Failure</i> , 2021 , 14, e007901	7.6	2
15	FGF21 Levels in Pheochromocytoma/Functional Paraganglioma. <i>Cancers</i> , 2019 , 11,	6.6	1
14	Systematic COronary Risk Evaluation (SCORE) and 20-year risk of cardiovascular mortality and cancer. <i>European Journal of Internal Medicine</i> , 2020 , 79, 63-69	3.9	1
13	Primary aldosteronism in a general population sample. The Czech post-MONICA study. <i>Blood Pressure</i> , 2020 , 29, 191-198	1.7	1
12	Effect of adrenalectomy on remission of subclinical left ventricular dysfunction in patients with pheochromocytoma: a speckle-tracking echocardiography study. <i>Endocrine Connections</i> , 2021 , 10, 1538-1549	3.5	1
11	How to assess non-compliance with the pharmacotherapy in severe resistant hypertension?. <i>Cor Et Vasa</i> , 2011 , 53, 429-432	0.3	1

10	Feasibility of Imaging-Guided Adrenalectomy in Young Patients With Primary Aldosteronism. <i>Hypertension</i> , 2022 , 79, 187-195	8.5	o
9	Adherence and blood pressure control in patients with primary aldosteronism.. <i>Blood Pressure</i> , 2022 , 31, 58-63	1.7	o
8	Biochemical Testing After Pheochromocytoma Removal: How Early?. <i>Hormone and Metabolic Research</i> , 2015 , 47, 633-6	3.1	
7	Otto Klein from Prague University Hospital performed the world first diagnostic cardiac catheterization in 11 Czech patients in 1929. <i>European Heart Journal</i> , 2020 , 41, 1323-1325	9.5	
6	Laparoscopic adrenalectomy: institutional Czech experience after almost 300 operations. <i>European Surgery - Acta Chirurgica Austriaca</i> , 2016 , 48, 121-124	0.9	
5	Dissociation between right atrial pressure and plasma atrial natriuretic factor following prolonged high salt intake. <i>Canadian Journal of Physiology and Pharmacology</i> , 1990 , 68, 408-12	2.4	
4	The revival of catheter-based renal denervation?. <i>Intervencni A Akutni Kardiologie</i> , 2018 , 17, 159-163		o
3	Reply. <i>Journal of Hypertension</i> , 2020 , 38, 1860-1861	1.9	
2	Pheochromocytoma - tumor interesting also for cardiologists. <i>Cor Et Vasa</i> , 2011 , 53, 454-460	0.3	
1	(Prediction of long-term renal denervation efficacy). <i>Cor Et Vasa</i> , 2019 , 61, e378-e384	0.3	