

JiÅÃ- WidimskÅ½ Jr

List of Publications by Year in descending order

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Version: 2024-02-01

105
papers

11,867
citations

94415

37
h-index

39667

94
g-index

106
all docs

106
docs citations

106
times ranked

13774
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | 2018 ESC/ESH Guidelines for the management of arterial hypertension. <i>European Heart Journal</i> , 2018, 39, 3021-3104. | 2.2 | 6,826 |
| 2 | 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. | 11.4 | 595 |
| 3 | 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, 1606-1614. | 3.6 | 310 |
| 4 | 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, 3122-3133. | 2.2 | 249 |
| 5 | Prevalence of primary hyperaldosteronism in moderate to severe hypertension in the Central Europe region. <i>Journal of Human Hypertension</i> , 2003, 17, 349-352. | 2.2 | 213 |
| 6 | Aliskiren, Enalapril, or Aliskiren and Enalapril in Heart Failure. <i>New England Journal of Medicine</i> , 2016, 374, 1521-1532. | 27.0 | 204 |
| 7 | Randomized Comparison of Renal Denervation Versus Intensified Pharmacotherapy Including Spironolactone in True-Resistant Hypertension. <i>Hypertension</i> , 2015, 65, 407-413. | 2.7 | 178 |
| 8 | 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. | 0.5 | 151 |
| 9 | Risk Factors for Nonadherence to Antihypertensive Treatment. <i>Hypertension</i> , 2017, 69, 1113-1120. | 2.7 | 150 |
| 10 | Effect of Low-Dose Perindopril/Indapamide on Albuminuria in Diabetes. <i>Hypertension</i> , 2003, 41, 1063-1071. | 2.7 | 142 |
| 11 | 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, 1405-1412. | 0.5 | 139 |
| 12 | High Incidence of Cardiovascular Complications in Pheochromocytoma. <i>Hormone and Metabolic Research</i> , 2012, 44, 379-384. | 1.5 | 138 |
| 13 | Precise assessment of noncompliance with the antihypertensive therapy in patients with resistant hypertension using toxicological serum analysis. <i>Journal of Hypertension</i> , 2013, 31, 2455-2461. | 0.5 | 136 |
| 14 | Biochemical Screening for Nonadherence Is Associated With Blood Pressure Reduction and Improvement in Adherence. <i>Hypertension</i> , 2017, 70, 1042-1048. | 2.7 | 132 |
| 15 | Baseline Characteristics of Patients With Heart Failure and Preserved Ejection Fraction in the PARAGON-HF Trial. <i>Circulation: Heart Failure</i> , 2018, 11, e004962. | 3.9 | 117 |
| 16 | Characteristics And Outcomes Of Metastatic Sdhb And Sporadic Pheochromocytoma/Paraganglioma: An National Institutes Of Health Study. <i>Endocrine Practice</i> , 2016, 22, 302-314. | 2.1 | 110 |
| 17 | Clinical Outcomes of 1625 Patients With Primary Aldosteronism Subtyped With Adrenal Vein Sampling. <i>Hypertension</i> , 2019, 74, 800-808. | 2.7 | 97 |
| 18 | Increased Arterial Wall Stiffness in Primary Aldosteronism in Comparison With Essential Hypertension. <i>American Journal of Hypertension</i> , 2006, 19, 909-914. | 2.0 | 96 |

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|----|--|-----|-----------|
| 19 | Computed Tomography and Adrenal Venous Sampling in the Diagnosis of Unilateral Primary Aldosteronism. <i>Hypertension</i> , 2018, 72, 641-649. | 2.7 | 94 |
| 20 | 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, 135-141. | 3.6 | 93 |
| 21 | Adrenalectomy Improves Arterial Stiffness in Primary Aldosteronism. <i>American Journal of Hypertension</i> , 2008, 21, 1086-1092. | 2.0 | 89 |
| 22 | Increased intima-media thickness of the common carotid artery in primary aldosteronism in comparison with essential hypertension. <i>Journal of Hypertension</i> , 2007, 25, 1451-1457. | 0.5 | 85 |
| 23 | 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. | 0.5 | 74 |
| 24 | Role of Adding Spironolactone and Renal Denervation in True Resistant Hypertension. <i>Hypertension</i> , 2016, 67, 397-403. | 2.7 | 73 |
| 25 | Meta-analysis of randomized controlled trials of renal denervation in treatment-resistant hypertension. <i>Blood Pressure</i> , 2015, 24, 263-274. | 1.5 | 65 |
| 26 | Subtyping of Primary Aldosteronism in the AVIS-2 Study: Assessment of Selectivity and Lateralization. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 2042-2052. | 3.6 | 65 |
| 27 | Eligibility for Renal Denervation. <i>Hypertension</i> , 2014, 63, 1319-1325. | 2.7 | 61 |
| 28 | 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, 311-323. | 3.1 | 60 |
| 29 | The prevalence of metabolic syndrome and its components in two main types of primary aldosteronism. <i>Journal of Human Hypertension</i> , 2010, 24, 625-630. | 2.2 | 57 |
| 30 | Diurnal blood pressure variation in pheochromocytoma, primary aldosteronism and Cushing's syndrome. <i>Journal of Human Hypertension</i> , 2004, 18, 107-111. | 2.2 | 49 |
| 31 | Changes in Energy Metabolism in Pheochromocytoma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, 1651-1658. | 3.6 | 49 |
| 32 | Increased blood pressure variability in pheochromocytoma compared to essential hypertension patients. <i>Journal of Hypertension</i> , 2005, 23, 2033-2039. | 0.5 | 45 |
| 33 | Metastatic pheochromocytoma: Does the size and age matter?. <i>European Journal of Clinical Investigation</i> , 2011, 41, 1121-1128. | 3.4 | 42 |
| 34 | Pulse wave velocity in primary hyperparathyroidism and effect of surgical therapy. <i>Hypertension Research</i> , 2011, 34, 296-300. | 2.7 | 42 |
| 35 | Chromogranin A in the Laboratory Diagnosis of Pheochromocytoma and Paraganglioma. <i>Cancers</i> , 2019, 11, 586. | 3.7 | 42 |
| 36 | Serum leptin levels in patients with primary hyperaldosteronism before and after treatment: relationships to insulin sensitivity. <i>Journal of Human Hypertension</i> , 2002, 16, 41-45. | 2.2 | 39 |

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|----|---|-----|-----------|
| 37 | Elevated Inflammation Markers in Pheochromocytoma Compared to Other Forms of Hypertension. <i>NeuroImmunoModulation</i> , 2007, 14, 57-64. | 1.8 | 38 |
| 38 | 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. | 2.2 | 38 |
| 39 | Long-term effect of specific treatment of primary aldosteronism on carotid intima-media thickness. <i>Journal of Hypertension</i> , 2015, 33, 874-882. | 0.5 | 35 |
| 40 | Factors influencing arterial stiffness in pheochromocytoma and effect of adrenalectomy. <i>Hypertension Research</i> , 2010, 33, 454-459. | 2.7 | 34 |
| 41 | 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. | 2.5 | 34 |
| 42 | Vascular Disturbances in Primary Aldosteronism: Clinical Evidence. <i>Kidney and Blood Pressure Research</i> , 2012, 35, 529-533. | 2.0 | 30 |
| 43 | 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, 1109-1117. | 1.7 | 29 |
| 44 | Blood Pressure Profile, Catecholamine Phenotype, and Target Organ Damage in Pheochromocytoma/Paraganglioma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 5170-5180. | 3.6 | 28 |
| 45 | 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, 3167-3173. | 2.3 | 26 |
| 46 | Renal denervation in comparison with intensified pharmacotherapy in true resistant hypertension. <i>Journal of Hypertension</i> , 2017, 35, 1093-1099. | 0.5 | 25 |
| 47 | Global Differences in Heart Failure With Preserved Ejection Fraction. <i>Circulation: Heart Failure</i> , 2021, 14, e007901. | 3.9 | 25 |
| 48 | 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, 684-688. | 2.2 | 23 |
| 49 | Recent Advances in the Diagnosis and Treatment of Pheochromocytoma. <i>Kidney and Blood Pressure Research</i> , 2006, 29, 321-326. | 2.0 | 20 |
| 50 | Blood pressure response to renal denervation is correlated with baseline blood pressure variability. <i>Journal of Hypertension</i> , 2018, 36, 221-229. | 0.5 | 20 |
| 51 | Combination antihypertensive therapy in clinical practice. The analysis of 1254 consecutive patients with uncontrolled hypertension. <i>Journal of Human Hypertension</i> , 2016, 30, 35-39. | 2.2 | 19 |
| 52 | Drug-resistant hypertension in primary aldosteronism patients undergoing adrenal vein sampling: the AVIS-2-RH study. <i>European Journal of Preventive Cardiology</i> , 2022, 29, e85-e93. | 1.8 | 19 |
| 53 | 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. | 3.6 | 18 |
| 54 | Primary Aldosteronism and Pregnancy. <i>Kidney and Blood Pressure Research</i> , 2020, 45, 275-285. | 2.0 | 16 |

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|----|---|-----|-----------|
| 55 | Increased carotid intima-media thickness in patients with pheochromocytoma in comparison to essential hypertension. <i>Journal of Human Hypertension</i> , 2009, 23, 350-358. | 2.2 | 15 |
| 56 | 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. | 0.5 | 15 |
| 57 | Impact of essential hypertension and primary aldosteronism on plasma brain natriuretic peptide concentration. <i>Blood Pressure</i> , 2006, 15, 302-307. | 1.5 | 14 |
| 58 | Characteristics of Blood Pressure in Pheochromocytoma. <i>Annals of the New York Academy of Sciences</i> , 2006, 1073, 86-93. | 3.8 | 14 |
| 59 | Discrepant Results of Adrenal Venous Sampling in Seven Patients with Primary Aldosteronism. <i>Kidney and Blood Pressure Research</i> , 2012, 35, 205-210. | 2.0 | 14 |
| 60 | LONG-TERM EFFECT OF ADRENALECTOMY ON CARDIOVASCULAR REMODELING IN PATIENTS WITH PHEOCHROMOCYTOMA. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, jc.2016-2422. | 3.6 | 14 |
| 61 | Catecholamines Induce Left Ventricular Subclinical Systolic Dysfunction: A Speckle-Tracking Echocardiography Study. <i>Cancers</i> , 2019, 11, 318. | 3.7 | 13 |
| 62 | Pheochromocytoma With Adrenergic Biochemical Phenotype Shows Decreased GLP-1 Secretion and Impaired Glucose Tolerance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 1878-1887. | 3.6 | 13 |
| 63 | Feasibility of Imaging-Guided Adrenalectomy in Young Patients With Primary Aldosteronism. <i>Hypertension</i> , 2022, 79, 187-195. | 2.7 | 13 |
| 64 | 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, 170-177. | 1.5 | 12 |
| 65 | 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. | 0.1 | 10 |
| 66 | Abolished nocturnal blood pressure fall in a boy with glucocorticoid-remediable aldosteronism. <i>Journal of Human Hypertension</i> , 1999, 13, 823-828. | 2.2 | 9 |
| 67 | 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. | 0.1 | 9 |
| 68 | Plasma endothelin-1,2 levels in mild and severe hypertension. <i>Journal of Hypertension</i> , 1991, 9, S196. | 0.5 | 9 |
| 69 | 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, 1287-1294. | 1.9 | 8 |
| 70 | Left ventricle remodeling in men with moderate to severe volume-dependent hypertension. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2012, 13, 426-434. | 1.7 | 8 |
| 71 | Development of a fast LC ^Å -MS/MS method for quantification of rilmenidine in human serum: elucidation of fragmentation pathways by HRMS. <i>Journal of Mass Spectrometry</i> , 2010, 45, 1179-1185. | 1.6 | 7 |
| 72 | 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, 241-242. | 0.5 | 6 |

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|----|---|-----|-----------|
| 73 | Paraganglioma in a 13-year-old girl: a novel SDHB gene mutation in the family?. <i>Cancer Genetics and Cytogenetics</i> , 2010, 197, 189-192. | 1.0 | 6 |
| 74 | Should All Patients with Resistant Hypertension Receive Spironolactone?. <i>Current Hypertension Reports</i> , 2016, 18, 81. | 3.5 | 6 |
| 75 | Adrenal Venous Sampling Could Be Omitted before Surgery in Patients with Conn ^Å 's Adenoma Confirmed by Computed Tomography and Higher Normal Aldosterone Concentration after Saline Infusion Test. <i>Diagnostics</i> , 2022, 12, 1718. | 2.6 | 6 |
| 76 | Atrial Natriuretic Peptide Concentration and Natriuretic Hormone Activity in Plasma of Patients with Chronic Renal Failure. <i>Hormone and Metabolic Research</i> , 1988, 20, 709-712. | 1.5 | 5 |
| 77 | Technical and safety aspects of renal denervation. <i>Cor Et Vasa</i> , 2014, 56, e228-e234. | 0.1 | 5 |
| 78 | 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. | 0.1 | 5 |
| 79 | 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. | 1.9 | 5 |
| 80 | 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, 347-355. | 1.2 | 4 |
| 81 | 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. | 2.0 | 4 |
| 82 | Primary aldosteronism in a general population sample. The Czech post-MONICA study. <i>Blood Pressure</i> , 2020, 29, 191-198. | 1.5 | 4 |
| 83 | The efficacy and safety of valsartan and combination of valsartan and hydrochlorothiazide in the treatment of patients with mild to moderate arterial hypertension â€” the VICTORY trial. <i>Kardiologia Polska</i> , 2017, 75, 55-64. | 0.6 | 4 |
| 84 | Arterial hypertension and atrial fibrillation: selecting antihypertensive therapy. <i>Cor Et Vasa</i> , 2012, 54, e248-e252. | 0.1 | 3 |
| 85 | 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. | 0.1 | 3 |
| 86 | The role of arterial hypertension in the primary prevention of stroke. <i>Cor Et Vasa</i> , 2016, 58, e279-e286. | 0.1 | 3 |
| 87 | 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. | 2.2 | 3 |
| 88 | Gene Profile of Adipose Tissue of Patients with Pheochromocytoma/Paraganglioma. <i>Biomedicines</i> , 2022, 10, 586. | 3.2 | 3 |
| 89 | Effect of prolonged high salt intake on atrial natriuretic factor's kinetics in rats. <i>Peptides</i> , 1990, 11, 501-506. | 2.4 | 2 |
| 90 | 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. | 0.5 | 2 |

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|-----|---|-----|-----------|
| 91 | FGF21 Levels in Pheochromocytoma/Functional Paraganglioma. <i>Cancers</i> , 2019, 11, 485. | 3.7 | 2 |
| 92 | Postoperative adrenal insufficiency in Connâ€™s syndromeâ€”does it occur frequently?. <i>Journal of Human Hypertension</i> , 2021, , . | 2.2 | 2 |
| 93 | Biochemical Testing After Pheochromocytoma Removal: How Early?. <i>Hormone and Metabolic Research</i> , 2015, 47, 633-636. | 1.5 | 1 |
| 94 | How to assess non-compliance with the pharmacotherapy in severe resistant hypertension?. <i>Cor Et Vasa</i> , 2011, 53, 429-432. | 0.1 | 1 |
| 95 | Adherence and blood pressure control in patients with primary aldosteronism. <i>Blood Pressure</i> , 2022, 31, 58-63. | 1.5 | 1 |
| 96 | 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, 408-412. | 1.4 | 0 |
| 97 | The effect of perindopril on arterial stiffness and endothelial function in patients with stable coronary artery disease. <i>Atherosclerosis</i> , 1999, 144, 54-55. | 0.8 | 0 |
| 98 | We-P11:195 Comparison of carotid intima-media thickness in patients with primary and secondary hypertension. <i>Atherosclerosis Supplements</i> , 2006, 7, 389. | 1.2 | 0 |
| 99 | INCREASED CAROTID INTIMA MEDIA THICKNESS IN PATIENTS WITH PHEOCHROMOCYTOMA IN COMPARISON TO ESSENTIAL HYPERTENSION. <i>Atherosclerosis Supplements</i> , 2008, 9, 158. | 1.2 | 0 |
| 100 | Laparoscopic adrenalectomy: institutional Czech experience after almost 300 operations. <i>European Surgery - Acta Chirurgica Austriaca</i> , 2016, 48, 121-124. | 0.7 | 0 |
| 101 | (Prediction of long-term renal denervation efficacy). <i>Cor Et Vasa</i> , 2019, 61, e378-e384. | 0.1 | 0 |
| 102 | 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. | 2.2 | 0 |
| 103 | Pheochromocytoma - tumor interesting also for cardiologists. <i>Cor Et Vasa</i> , 2011, 53, 454-460. | 0.1 | 0 |
| 104 | The revival of catheter-based renal denervation?. <i>Intervencni A Akutni Kardiologie</i> , 2018, 17, 159-163. | 0.0 | 0 |
| 105 | Reply. <i>Journal of Hypertension</i> , 2020, 38, 1860-1861. | 0.5 | 0 |