

Michel Burnier

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.

230
papers

19,097
citations

47
h-index

136
g-index

303
ext. papers

24,113
ext. citations

4.5
avg, IF

6.47
L-index

#	Paper	IF	Citations
230	2018 ESC/ESH Guidelines for the management of arterial hypertension. <i>European Heart Journal</i> , 2018 , 39, 3021-3104	9.5	3698
229	2013 ESH/ESC guidelines for the management of arterial hypertension: the Task Force for the Management of Arterial Hypertension of the European Society of Hypertension (ESH) and of the European Society of Cardiology (ESC). <i>European Heart Journal</i> , 2013 , 34, 2159-219	9.5	3400
228	Discovery and refinement of loci associated with lipid levels. <i>Nature Genetics</i> , 2013 , 45, 1274-1283	36.3	1904
227	2018 ESC/ESH Guidelines for the management of arterial hypertension: The Task Force for the management of arterial hypertension of the European Society of Cardiology and the European Society of Hypertension: The Task Force for the management of arterial hypertension of the European Society of Cardiology and the European Society of Hypertension. <i>Journal of Hypertension</i> , 2018 , 36, 1953-2041	1.9	1262
226	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015 , 518, 187-196	50.4	920
225	Adherence to prescribed antihypertensive drug treatments: longitudinal study of electronically compiled dosing histories. <i>BMJ, The</i> , 2008 , 336, 1114-7	5.9	527
224	Angiotensin II type 1 receptor blockers. <i>Circulation</i> , 2001 , 103, 904-12	16.7	401
223	2018 Practice Guidelines for the management of arterial hypertension of the European Society of Hypertension and the European Society of Cardiology: ESH/ESC Task Force for the Management of Arterial Hypertension. <i>Journal of Hypertension</i> , 2018 , 36, 2284-2309	1.9	372
222	Genome-wide association study of blood pressure extremes identifies variant near UMOD associated with hypertension. <i>PLoS Genetics</i> , 2010 , 6, e1001177	6	255
221	Medication adherence and persistence as the cornerstone of effective antihypertensive therapy. <i>American Journal of Hypertension</i> , 2006 , 19, 1190-6	2.3	229
220	Renal effects of selective cyclooxygenase-2 inhibition in normotensive salt-depleted subjects. <i>Clinical Pharmacology and Therapeutics</i> , 1999 , 66, 76-84	6.1	226
219	Hypertension, the renin-angiotensin system, and the risk of lower respiratory tract infections and lung injury: implications for COVID-19. <i>Cardiovascular Research</i> , 2020 , 116, 1688-1699	9.9	200
218	Electronic compliance monitoring in resistant hypertension: the basis for rational therapeutic decisions. <i>Journal of Hypertension</i> , 2001 , 19, 335-41	1.9	191
217	Improving blood pressure control through pharmacist interventions: a meta-analysis of randomized controlled trials. <i>Journal of the American Heart Association</i> , 2014 , 3, e000718	6	179
216	Adherence in Hypertension. <i>Circulation Research</i> , 2019 , 124, 1124-1140	15.7	172
215	Plasma aldosterone is independently associated with the metabolic syndrome. <i>Hypertension</i> , 2006 , 48, 239-45	8.5	172
214	Female sex hormones, salt, and blood pressure regulation. <i>American Journal of Hypertension</i> , 2004 , 17, 994-1001	2.3	154

213	Measuring, analyzing, and managing drug adherence in resistant hypertension. <i>Hypertension</i> , 2013 , 62, 218-25	8.5	146
212	2018 Practice Guidelines for the management of arterial hypertension of the European Society of Cardiology and the European Society of Hypertension. <i>Blood Pressure</i> , 2018 , 27, 314-340	1.7	132
211	Nighttime blood pressure and nocturnal dipping are associated with daytime urinary sodium excretion in African subjects. <i>Hypertension</i> , 2008 , 51, 891-8	8.5	125
210	Adducin polymorphism affects renal proximal tubule reabsorption in hypertension. <i>Hypertension</i> , 1999 , 33, 694-7	8.5	108
209	Angiotensin II receptor blockade in normotensive subjects: A direct comparison of three AT1 receptor antagonists. <i>Hypertension</i> , 1999 , 33, 850-5	8.5	92
208	Isolated office hypertension: a prehypertensive state?. <i>Journal of Hypertension</i> , 1996 , 14, 327-332	1.9	90
207	Proximal sodium reabsorption: An independent determinant of blood pressure response to salt. <i>Hypertension</i> , 2000 , 36, 631-7	8.5	89
206	Angiotensin II receptor blockade: is there truly a benefit of adding an ACE inhibitor?. <i>Hypertension</i> , 2003 , 41, 31-6	8.5	85
205	Hypertension in dialysis patients: a consensus document by the European Renal and Cardiovascular Medicine (EURECA-m) working group of the European Renal Association-European Dialysis and Transplant Association (ERA-EDTA) and the Hypertension and the Kidney working group of the European Society of Hypertension (ESH). <i>Nephrology Dialysis Transplantation</i> , 2017 , 32, 620-640	4.3	79
204	Reduced cortical oxygenation predicts a progressive decline of renal function in patients with chronic kidney disease. <i>Kidney International</i> , 2018 , 93, 932-940	9.9	75
203	Comparative angiotensin II receptor blockade in healthy volunteers: the importance of dosing. <i>Clinical Pharmacology and Therapeutics</i> , 2002 , 71, 68-76	6.1	75
202	Reference values and factors associated with renal resistive index in a family-based population study. <i>Hypertension</i> , 2014 , 63, 136-42	8.5	72
201	Comparative safety and tolerability of angiotensin II receptor antagonists. <i>Drug Safety</i> , 1999 , 21, 23-33	5.1	70
200	Drug adherence in chronic kidney diseases and dialysis. <i>Nephrology Dialysis Transplantation</i> , 2015 , 30, 39-44	4.3	67
199	Inactive Matrix Gla-Protein Is Associated With Arterial Stiffness in an Adult Population-Based Study. <i>Hypertension</i> , 2015 , 66, 85-92	8.5	65
198	Determinants of renal tissue oxygenation as measured with BOLD-MRI in chronic kidney disease and hypertension in humans. <i>PLoS ONE</i> , 2014 , 9, e95895	3.7	65
197	Effect of sodium loading/depletion on renal oxygenation in young normotensive and hypertensive men. <i>Hypertension</i> , 2010 , 55, 1116-22	8.5	64
196	High heritability of ambulatory blood pressure in families of East African descent. <i>Hypertension</i> , 2005 , 45, 445-50	8.5	64

195	Blood pressure, cardiac, and renal responses to salt and deoxycorticosterone acetate in mice: role of Renin genes. <i>Journal of the American Society of Nephrology: JASN</i> , 2002 , 13, 1509-16	12.7	63
194	Blood pressure reductions following catheter-based renal denervation are not related to improvements in adherence to antihypertensive drugs measured by urine/plasma toxicological analysis. <i>Clinical Research in Cardiology</i> , 2015 , 104, 1097-105	6.1	61
193	Renal blood oxygenation level-dependent magnetic resonance imaging to measure renal tissue oxygenation: a statement paper and systematic review. <i>Nephrology Dialysis Transplantation</i> , 2018 , 33, ii22-ii28	4.3	59
192	Monitoring compliance in resistant hypertension: an important step in patient management. <i>Journal of Hypertension</i> , 2003 , 21, S37-42	1.9	58
191	Eligibility for renal denervation: experience at 11 European expert centers. <i>Hypertension</i> , 2014 , 63, 1319-25	8.5	55
190	Renal perfusion evaluation with contrast-enhanced ultrasonography. <i>Nephrology Dialysis Transplantation</i> , 2012 , 27, 674-81	4.3	55
189	CYP3A5 and ABCB1 genes influence blood pressure and response to treatment, and their effect is modified by salt. <i>Hypertension</i> , 2007 , 49, 1007-14	8.5	53
188	Electronic monitoring of compliance to lipid-lowering therapy in clinical practice. <i>Journal of Clinical Pharmacology</i> , 1999 , 39, 402-9	2.9	53
187	Heritability of renal function in hypertensive families of African descent in the Seychelles (Indian Ocean). <i>Kidney International</i> , 2005 , 67, 61-9	9.9	52
186	Impact of electronic monitoring of drug adherence on blood pressure control in primary care: a cluster 12-month randomised controlled study. <i>European Journal of Internal Medicine</i> , 2008 , 19, 427-34	3.9	51
185	Fibroblast growth factor 23 and markers of mineral metabolism in individuals with preserved renal function. <i>Kidney International</i> , 2016 , 90, 648-57	9.9	47
184	Relationships among endogenous ouabain, alpha-adducin polymorphisms and renal sodium handling in primary hypertension. <i>Journal of Hypertension</i> , 2008 , 26, 914-20	1.9	46
183	Ethnic differences in proximal and distal tubular sodium reabsorption are heritable in black and white populations. <i>Journal of Hypertension</i> , 2009 , 27, 606-12	1.9	45
182	Short-term increase in particulate matter blunts nocturnal blood pressure dipping and daytime urinary sodium excretion. <i>Hypertension</i> , 2012 , 60, 1061-9	8.5	44
181	Glomerular hyperfiltration and increased proximal sodium reabsorption in subjects with type 2 diabetes or impaired fasting glucose in a population of the African region. <i>Nephrology Dialysis Transplantation</i> , 2010 , 25, 2225-31	4.3	42
180	Copeptin is associated with kidney length, renal function, and prevalence of simple cysts in a population-based study. <i>Journal of the American Society of Nephrology: JASN</i> , 2015 , 26, 1415-25	12.7	41
179	Heritability, determinants and reference values of renal length: a family-based population study. <i>European Radiology</i> , 2013 , 23, 2899-905	8	41
178	Blood Oxygenation Level-Dependent MRI to Assess Renal Oxygenation in Renal Diseases: Progresses and Challenges. <i>Frontiers in Physiology</i> , 2016 , 7, 667	4.6	41

177	Reduction of cortical oxygenation in chronic kidney disease: evidence obtained with a new analysis method of blood oxygenation level-dependent magnetic resonance imaging. <i>Nephrology Dialysis Transplantation</i> , 2017 , 32, 2097-2105	4.3	40
176	Obstructive Sleep Apnea Severity and Overnight Body Fluid Shift before and after Hemodialysis. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2015 , 10, 1002-10	6.9	38
175	New anthropometry-based age- and sex-specific reference values for urinary 24-hour creatinine excretion based on the adult Swiss population. <i>BMC Medicine</i> , 2015 , 13, 40	11.4	37
174	Renal sodium handling and nighttime blood pressure. <i>Seminars in Nephrology</i> , 2007 , 27, 565-71	4.8	37
173	Clinical evaluation of IDAS II, a new electronic device enabling drug adherence monitoring. <i>European Journal of Clinical Pharmacology</i> , 2007 , 63, 1179-84	2.8	37
172	Redefining diuretics use in hypertension: why select a thiazide-like diuretic?. <i>Journal of Hypertension</i> , 2019 , 37, 1574-1586	1.9	37
171	Association of CYP3A5 genotypes with blood pressure and renal function in African families. <i>Journal of Hypertension</i> , 2006 , 24, 923-9	1.9	36
170	Epidemiology of masked and white-coat hypertension: the family-based SKIPOGH study. <i>PLoS ONE</i> , 2014 , 9, e92522	3.7	35
169	The association of aldosterone with obesity-related hypertension and the metabolic syndrome. <i>Seminars in Nephrology</i> , 2007 , 27, 529-37	4.8	35
168	Differential nitric oxide synthase activity in human platelets during normal pregnancy and pre-eclampsia. <i>Clinical Science</i> , 1995 , 88, 607-10	6.5	35
167	Sociodemographic, behavioral and genetic determinants of allostatic load in a Swiss population-based study. <i>Psychoneuroendocrinology</i> , 2016 , 67, 76-85	5	34
166	Renal determinants of the salt sensitivity of blood pressure. <i>Nephrology Dialysis Transplantation</i> , 2001 , 16, 452-8	4.3	34
165	Salt- and angiotensin II-dependent variations in amiloride-sensitive rectal potential difference in mice. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2000 , 27, 60-6	3	33
164	A new technique with high reproducibility to estimate renal oxygenation using BOLD-MRI in chronic kidney disease. <i>Magnetic Resonance Imaging</i> , 2015 , 33, 253-61	3.3	32
163	Is There a Threshold for Medication Adherence? Lessons Learnt From Electronic Monitoring of Drug Adherence. <i>Frontiers in Pharmacology</i> , 2018 , 9, 1540	5.6	31
162	Association between obesity and glomerular hyperfiltration: the confounding effect of smoking and sodium and protein intakes. <i>European Journal of Nutrition</i> , 2016 , 55, 1089-97	5.2	31
161	Modulation of genetic associations with serum urate levels by body-mass-index in humans. <i>PLoS ONE</i> , 2015 , 10, e0119752	3.7	31
160	The safety of rofecoxib. <i>Expert Opinion on Drug Safety</i> , 2005 , 4, 491-9	4.1	29

159	Blood pressure and renal haemodynamic response to salt during the normal menstrual cycle. <i>Clinical Science</i> , 2000 , 98, 697-702	6.5	28
158	Prevalence of Hypertensive Phenotypes After Preeclampsia: A Prospective Cohort Study. <i>Hypertension</i> , 2018 , 71, 103-109	8.5	28
157	Associations of ambulatory blood pressure with urinary caffeine and caffeine metabolite excretions. <i>Hypertension</i> , 2015 , 65, 691-6	8.5	27
156	Renal tissue oxygenation in essential hypertension and chronic kidney disease. <i>International Journal of Hypertension</i> , 2013 , 2013, 696598	2.4	27
155	Sinistrin clearance for determination of glomerular filtration rate: a reappraisal of various approaches using a new analytical method. <i>Journal of Clinical Pharmacology</i> , 1997 , 37, 679-92	2.9	26
154	Treatment of high blood pressure in elderly and octogenarians: European Society of Hypertension statement on blood pressure targets. <i>Blood Pressure</i> , 2016 , 25, 333-336	1.7	24
153	Safety and Tolerability Study of an Intravenously Administered Small Interfering Ribonucleic Acid (siRNA) Post On-Pump Cardiothoracic Surgery in Patients at Risk of Acute Kidney Injury. <i>Kidney International Reports</i> , 2017 , 2, 836-843	4.1	24
152	Proximal tubular function and salt sensitivity. <i>Current Hypertension Reports</i> , 2006 , 8, 8-15	4.7	23
151	Pharmacology of valsartan, an angiotensin II receptor antagonist. <i>Expert Opinion on Investigational Drugs</i> , 1998 , 7, 1915-25	5.9	23
150	Inhibition of vascular calcification by inositol phosphates derivatized with ethylene glycol oligomers. <i>Nature Communications</i> , 2020 , 11, 721	17.4	23
149	Nutraceuticals and blood pressure control: a European Society of Hypertension position document. <i>Journal of Hypertension</i> , 2020 , 38, 799-812	1.9	22
148	Renal sodium handling in acute and chronic salt loading/depletion protocols: the confounding influence of acute water loading. <i>Journal of Hypertension</i> , 2000 , 18, 1657-64	1.9	22
147	Reference intervals for the urinary steroid metabolome: The impact of sex, age, day and night time on human adult steroidogenesis. <i>PLoS ONE</i> , 2019 , 14, e0214549	3.7	21
146	Comparisons of serum vitamin D levels, status, and determinants in populations with and without chronic kidney disease not requiring renal dialysis: a 24-hour urine collection population-based study. <i>Journal of Renal Nutrition</i> , 2014 , 24, 303-12	3	21
145	Effects of Sucroferric Oxyhydroxide Compared to Lanthanum Carbonate and Sevelamer Carbonate on Phosphate Homeostasis and Vascular Calcifications in a Rat Model of Chronic Kidney Failure. <i>BioMed Research International</i> , 2015 , 2015, 515606	3	21
144	Prevalence of iodine inadequacy in Switzerland assessed by the estimated average requirement cut-point method in relation to the impact of iodized salt. <i>Public Health Nutrition</i> , 2015 , 18, 1333-42	3.3	21
143	Managing 'resistance': is adherence a target for treatment?. <i>Current Opinion in Nephrology and Hypertension</i> , 2014 , 23, 439-43	3.5	21
142	End-digit preference in general practice: a comparison of the conventional auscultatory and electronic oscillometric methods. <i>Blood Pressure</i> , 2008 , 17, 104-9	1.7	21

141	Determinants of persistence in hypertensive patients treated with irbesartan: results of a postmarketing survey. <i>BMC Cardiovascular Disorders</i> , 2005 , 5, 13	2.3	21
140	State-of-the-art treatment of hypertension: established and new drugs. <i>European Heart Journal</i> , 2014 , 35, 557-62	9.5	20
139	Sodium intake and blood pressure in children with clinical conditions: A systematic review with meta-analysis. <i>Journal of Clinical Hypertension</i> , 2019 , 21, 118-126	2.3	19
138	Should we eat more potassium to better control blood pressure in hypertension?. <i>Nephrology Dialysis Transplantation</i> , 2019 , 34, 184-193	4.3	19
137	Functional magnetic resonance imaging of the kidneys: where do we stand? The perspective of the European COST Action PARENCHIMA. <i>Nephrology Dialysis Transplantation</i> , 2018 , 33, ii1-ii3	4.3	18
136	Clinical benefits of an adherence monitoring program in the management of secondary hyperparathyroidism with cinacalcet: results of a prospective randomized controlled study. <i>BioMed Research International</i> , 2013 , 2013, 104892	3	18
135	Pharmacokinetic evaluation of losartan. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2011 , 7, 643-9.5	9.5	18
134	Effects of SCH 34826, an orally active inhibitor of atrial natriuretic peptide degradation, in healthy volunteers. <i>Clinical Pharmacology and Therapeutics</i> , 1991 , 50, 181-91	6.1	18
133	Step count is associated with lower nighttime systolic blood pressure and increased dipping. <i>American Journal of Hypertension</i> , 2013 , 26, 527-34	2.3	17
132	Renal handling of zinc in chronic kidney disease patients and the role of circulating zinc levels in renal function decline. <i>Nephrology Dialysis Transplantation</i> , 2020 , 35, 1163-1170	4.3	17
131	Why Objective Monitoring of Compliance is Important in the Management of Hypertension. <i>Journal of Clinical Hypertension</i> , 2000 , 2, 258-262	2.3	17
130	Aldosterone and cardiovascular risk. <i>Current Hypertension Reports</i> , 2009 , 11, 450-5	4.7	16
129	Blood pressure measurements with the OptiBP smartphone app validated against reference auscultatory measurements. <i>Scientific Reports</i> , 2020 , 10, 17827	4.9	16
128	Hypertension and Drug Adherence in the Elderly. <i>Frontiers in Cardiovascular Medicine</i> , 2020 , 7, 49	5.4	15
127	A population-based approach to assess the heritability and distribution of renal handling of electrolytes. <i>Kidney International</i> , 2017 , 92, 1536-1543	9.9	15
126	Prevalence and Diagnostic Approach to Sleep Apnea in Hemodialysis Patients: A Population Study. <i>BioMed Research International</i> , 2015 , 2015, 103686	3	15
125	Home blood pressure monitoring: methodology, clinical relevance and practical application: a 2021 position paper by the Working Group on Blood Pressure Monitoring and Cardiovascular Variability of the European Society of Hypertension. <i>Journal of Hypertension</i> , 2021 , 39, 1742-1767	1.9	15
124	Urinary Cadmium Excretion Is Associated With Increased Synthesis of Cortico- and Sex Steroids in a Population Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018 , 103, 748-758	5.6	14

123	Estimated 24-h urinary sodium and sodium-to-potassium ratio are predictors of kidney function decline in a population-based study. <i>Journal of Hypertension</i> , 2019 , 37, 1853-1860	1.9	14
122	Comparative effectiveness of different antihypertensive agents in kidney transplantation: a systematic review and meta-analysis. <i>Nephrology Dialysis Transplantation</i> , 2020 , 35, 878-887	4.3	14
121	Treatment of essential hypertension with calcium channel blockers: what is the place of lercanidipine?. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2009 , 5, 981-7	5.5	13
120	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
119	Comparative vascular and renal tubular effects of angiotensin II receptor blockers combined with a thiazide diuretic in humans. <i>Journal of Hypertension</i> , 2010 , 28, 520-6	1.9	12
118	Relation of 24-hour urinary caffeine and caffeine metabolite excretions with self-reported consumption of coffee and other caffeinated beverages in the general population. <i>Nutrition and Metabolism</i> , 2016 , 13, 81	4.6	12
117	Update on Endothelin Receptor Antagonists in Hypertension. <i>Current Hypertension Reports</i> , 2018 , 20, 51	4.7	12
116	Team-based care for improving hypertension management among outpatients (TBC-HTA): study protocol for a pragmatic randomized controlled trial. <i>BMC Cardiovascular Disorders</i> , 2017 , 17, 39	2.3	11
115	Ambulatory blood pressure and adherence monitoring: diagnosing pseudo-resistant hypertension. <i>Seminars in Nephrology</i> , 2014 , 34, 498-505	4.8	11
114	Patient adherence and the choice of antihypertensive drugs: focus on lercanidipine. <i>Vascular Health and Risk Management</i> , 2008 , 4, 1159-66	4.4	11
113	Efficacy and tolerability of lercanidipine in patients with hypertension: results of a Phase IV study in general practice. <i>Expert Opinion on Pharmacotherapy</i> , 2007 , 8, 2215-23	4	11
112	Associations of sodium, potassium and protein intake with blood pressure and hypertension in Switzerland. <i>Swiss Medical Weekly</i> , 2017 , 147, w14411	3.1	11
111	Associations of Urinary Caffeine and Caffeine Metabolites With Arterial Stiffness in a Large Population-Based Study. <i>Mayo Clinic Proceedings</i> , 2018 , 93, 586-596	6.4	10
110	CYP17A1 Enzyme Activity Is Linked to Ambulatory Blood Pressure in a Family-Based Population Study. <i>American Journal of Hypertension</i> , 2016 , 29, 484-93	2.3	10
109	Renal protection with calcium antagonists: the role of lercanidipine. <i>Current Medical Research and Opinion</i> , 2013 , 29, 1727-35	2.5	10
108	Optimizing hypertension management in renal transplantation: a call to action. <i>Nephrology Dialysis Transplantation</i> , 2017 , 32, 1959-1962	4.3	10
107	Association between white-coat effect and blunted dipping of nocturnal blood pressure. <i>American Journal of Hypertension</i> , 2009 , 22, 1054-61	2.3	10
106	Changing trends in end-stage renal disease patients with diabetes. <i>Swiss Medical Weekly</i> , 2017 , 147, w14458	3.5	10

105	Management of Hyperuricemia in Patients with Chronic Kidney Disease: a Focus on Renal Protection. <i>Current Hypertension Reports</i> , 2020 , 22, 102	4.7	10
104	Mineralocorticoid receptor antagonists for nephroprotection and cardioprotection in patients with diabetes mellitus and chronic kidney disease. <i>Nephrology Dialysis Transplantation</i> , 2021 ,	4.3	10
103	Acute hyperglycemia increases renal tissue oxygenation as measured by BOLD-MRI in healthy overweight volunteers. <i>Diabetes Research and Clinical Practice</i> , 2019 , 150, 138-143	7.4	9
102	A prospective observational study comparing a non-operator dependent automatic PWV analyser to pulse pressure, in assessing arterial stiffness in hemodialysis. <i>BMC Nephrology</i> , 2015 , 16, 62	2.7	9
101	Circadian variations in blood pressure and their implications for the administration of antihypertensive drugs: is dosing in the evening better than in the morning?. <i>Journal of Hypertension</i> , 2020 , 38, 1396-1406	1.9	9
100	Critical review of cancer risk associated with angiotensin receptor blocker therapy. <i>Vascular Health and Risk Management</i> , 2011 , 7, 741-7	4.4	9
99	Is nurse-measured blood pressure a valid substitute for ambulatory blood pressure monitoring?. <i>Blood Pressure Monitoring</i> , 2000 , 5, 203-9	1.3	9
98	Effects of the SGLT-2 Inhibitor Empagliflozin on Renal Tissue Oxygenation in Non-Diabetic Subjects: A Randomized, Double-Blind, Placebo-Controlled Study Protocol. <i>Advances in Therapy</i> , 2018 , 35, 875-885 ^{4.1}	4.1	9
97	Performance of targeted screening for the identification of hypertension in children. <i>Blood Pressure</i> , 2017 , 26, 87-93	1.7	8
96	Less frequent dosing of erythropoiesis stimulating agents in patients undergoing dialysis: a European multicentre cost study. <i>Journal of Medical Economics</i> , 2009 , 12, 77-86	2.4	8
95	Target blood pressure attainment with antihypertensive therapy in Swiss primary care. <i>Blood Pressure</i> , 2012 , 21, 211-9	1.7	8
94	Angiotensin II antagonists. <i>Clinical and Experimental Hypertension</i> , 1993 , 15, 1221-38	2.2	8
93	Pioglitazone improves fat distribution, the adipokine profile and hepatic insulin sensitivity in non-diabetic end-stage renal disease subjects on maintenance dialysis: a randomized cross-over pilot study. <i>PLoS ONE</i> , 2014 , 9, e109134	3.7	8
92	Furosemide stimulation of parathormone in humans: role of the calcium-sensing receptor and the renin-angiotensin system. <i>Pflugers Archiv European Journal of Physiology</i> , 2015 , 467, 2413-21	4.6	7
91	Ambulatory blood pressure monitoring to assess cardiovascular risk in women. <i>Hypertension</i> , 2011 , 57, 377-8	8.5	7
90	Epidemiological and histological findings implicate matrix Gla protein in diastolic left ventricular dysfunction. <i>PLoS ONE</i> , 2018 , 13, e0193967	3.7	7
89	Prevalence and determinants of chronic kidney disease in the Swiss population. <i>Swiss Medical Weekly</i> , 2016 , 146, w14313	3.1	7
88	Urinary Sex Steroid and Glucocorticoid Hormones Are Associated With Muscle Mass and Strength in Healthy Adults. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019 , 104, 2195-2215	5.6	6

87	Effect of angiotensin receptor blockers on blood pressure and renal function in patients with concomitant hypertension and chronic kidney disease: a systematic review and meta-analysis. <i>Blood Pressure</i> , 2019 , 28, 358-374	1.7	6
86	New Insights on the Role of Sodium in the Physiological Regulation of Blood Pressure and Development of Hypertension. <i>Frontiers in Cardiovascular Medicine</i> , 2019 , 6, 136	5.4	6
85	Ethnic differences in renal handling of water and solutes in hypertension. <i>Hypertension</i> , 2008 , 52, 203-4	8.5	6
84	Nonadherence in Hypertension: How to Develop and Implement Chemical Adherence Testing. <i>Hypertension</i> , 2022 , 79, 12-23	8.5	6
83	Glycaemic, blood pressure and lipid goal attainment and chronic kidney disease stage of type 2 diabetic patients treated in primary care practices. <i>Swiss Medical Weekly</i> , 2017 , 147, w14459	3.1	6
82	How reliable is renal ultrasound to measure renal length and volume in patients with chronic kidney disease compared with magnetic resonance imaging?. <i>Acta Radiologica</i> , 2020 , 61, 117-127	2	6
81	Missing Verification of Source Data in Hypertension Research: The HYGIA PROJECT in Perspective. <i>Hypertension</i> , 2021 , 78, 555-558	8.5	6
80	Impact of salt reduction in meals consumed during hemodialysis sessions on interdialytic weight gain and hemodynamic stability. <i>Hemodialysis International</i> , 2018 , 22, 501-506	1.7	5
79	Seasonality of sodium and potassium consumption in Switzerland. Data from three cross-sectional, population-based studies. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2017 , 27, 792-798	4.5	5
78	Increased carotid intima-media thickness in the absence of atherosclerotic plaques in an adult population with Fabry disease. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2007 , 95, 63-68	3.1	5
77	Does protein binding modulate the effect of angiotensin II receptor antagonists?. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2001 , 2, S54-S58	3	5
76	Experience with angiotensin II antagonists in hypertensive patients. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1996 , 23 Suppl 3, S142-6	3	5
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