

# Michel Burnier

## List of Publications by Year in Descending Order

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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	Prevalence and Factors Associated with Opioid Prescription in Swiss Chronic Hemodialysis Patients. <i>Kidney and Dialysis</i> , <b>2022</b> , 2, 6-15		
229	Nonadherence in Hypertension: How to Develop and Implement Chemical Adherence Testing. <i>Hypertension</i> , <b>2022</b> , 79, 12-23	8.5	6
228	Nutritional management of sodium, chloride, and water in kidney disease and kidney failure <b>2022</b> , 313-328		
227	Assessment of hypertension in kidney transplantation by ambulatory blood pressure monitoring: a systematic review and meta-analysis.. <i>CKJ: Clinical Kidney Journal</i> , <b>2022</b> , 15, 31-42	4.5	2
226	Twenty-Four Hour Blood Pressure Response to Empagliflozin and Its Determinants in Normotensive Non-diabetic Subjects.. <i>Frontiers in Cardiovascular Medicine</i> , <b>2022</b> , 9, 854230	5.4	0
225	Empagliflozin Changes Urine Supersaturation by Decreasing pH and Increasing Citrate.. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2022</b> ,	12.7	0
224	Improving the Management of Hypertension by Tackling Awareness, Adherence, and Clinical Inertia: A Symposium Report. <i>American Journal of Cardiovascular Drugs</i> , <b>2021</b> , 1	4	1
223	Team-Based Care for Improving Hypertension Management: A Pragmatic Randomized Controlled Trial. <i>Frontiers in Cardiovascular Medicine</i> , <b>2021</b> , 8, 760662	5.4	1
222	Changes of lipoprotein(a) levels with endogenous steroid hormones. <i>European Journal of Clinical Investigation</i> , <b>2021</b> , e13699	4.6	
221	Interprofessional Medication Adherence Program for Patients With Diabetic Kidney Disease: Protocol for a Randomized Controlled and Qualitative Study (PANDIA-IRIS). <i>JMIR Research Protocols</i> , <b>2021</b> , 10, e25966	2	0
220	Blood pressure monitoring in kidney transplantation: a systematic review on hypertension and target organ damage. <i>Nephrology Dialysis Transplantation</i> , <b>2021</b> ,	4.3	5
219	Hypertension in kidney transplantation: a consensus statement of the 'hypertension and the kidney' working group of the European Society of Hypertension. <i>Journal of Hypertension</i> , <b>2021</b> , 39, 1513-1521	10.1	4
218	Mineralocorticoid receptor antagonists for nephroprotection and cardioprotection in patients with diabetes mellitus and chronic kidney disease. <i>Nephrology Dialysis Transplantation</i> , <b>2021</b> ,	4.3	10
217	Reply to comment on: Glatz et al. Associations of sodium, potassium and protein intake with blood pressure and hypertension in Switzerland. <i>Swiss Medical Weekly</i> , <b>2021</b> , 151, w20182	3.1	
216	Smartphone based blood pressure measurement: accuracy of the OptiBP mobile application according to the AAMI/ESH/ISO universal validation protocol. <i>Blood Pressure Monitoring</i> , <b>2021</b> ,	1.3	4
215	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> , <b>2021</b> , 39, 1742-1767	1.9	15
214	Sodium-glucose cotransporter 2 (SGLT-2) inhibition and kidney protection: Does improvement in kidney hypoxia play a role?. <i>EClinicalMedicine</i> , <b>2021</b> , 37, 100983	11.3	

213	Sex- and age-specific reference intervals for diagnostic ratios reflecting relative activity of steroidogenic enzymes and pathways in adults. <i>PLoS ONE</i> , <b>2021</b> , 16, e0253975	3.7	
212	Effects of the Dual Endothelin Receptor Antagonist Aprocitentan on Body Weight and Fluid Homeostasis in Healthy Subjects on a High Sodium Diet. <i>Clinical Pharmacology and Therapeutics</i> , <b>2021</b> , 109, 746-753	6.1	5
211	Uromodulin, Salt, and 24-Hour Blood Pressure in the General Population. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , <b>2021</b> , 16, 787-789	6.9	5
210	Cortical perfusion as assessed with contrast-enhanced ultrasound is lower in patients with chronic kidney disease than in healthy subjects but increases under low salt conditions. <i>Nephrology Dialysis Transplantation</i> , <b>2021</b> ,	4.3	3
209	How Do I Manage Hypertension in Patients with Advanced Chronic Kidney Disease Not on Dialysis? Perspectives from Clinical Practice. <i>Vascular Health and Risk Management</i> , <b>2021</b> , 17, 1-11	4.4	1
208	Assessment of a strategy combining ambulatory blood pressure, adherence monitoring and a standardised triple therapy in resistant hypertension. <i>Blood Pressure</i> , <b>2021</b> , 30, 332-340	1.7	
207	Hypertension healthcare professional beliefs and behaviour regarding patient medication adherence: a survey conducted among European Society of Hypertension Centres of Excellence. <i>Blood Pressure</i> , <b>2021</b> , 30, 282-290	1.7	3
206	Missing Verification of Source Data in Hypertension Research: The HYGIA PROJECT in Perspective. <i>Hypertension</i> , <b>2021</b> , 78, 555-558	8.5	6
205	Hip Position Acutely Affects Oxygenation and Perfusion of Kidney Grafts as Measured by Functional Magnetic Resonance Imaging Methods-The Bent Knee Study. <i>Frontiers in Medicine</i> , <b>2021</b> , 8, 697055	4.9	0
204	New Aspects in the Management of Hypertension in Patients with Chronic Kidney Disease not on Renal Replacement Therapy.. <i>High Blood Pressure and Cardiovascular Prevention</i> , <b>2021</b> , 29, 125	2.9	
203	Water-Soluble Vitamin Levels and Supplementation in Chronic Online Hemodiafiltration Patients. <i>Kidney International Reports</i> , <b>2020</b> , 5, 2160-2167	4.1	4
202	Increasing potassium intake to prevent kidney damage: a new population strategy?. <i>Kidney International</i> , <b>2020</b> , 98, 59-61	9.9	2
201	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> , <b>2020</b> , 38, 1396-1406	1.9	9
200	Nutraceuticals and blood pressure control: a European Society of Hypertension position document. <i>Journal of Hypertension</i> , <b>2020</b> , 38, 799-812	1.9	22
199	Hypertension and Drug Adherence in the Elderly. <i>Frontiers in Cardiovascular Medicine</i> , <b>2020</b> , 7, 49	5.4	15
198	Uranium exposure of the Swiss population based on 24-hour urinary excretion. <i>Swiss Medical Weekly</i> , <b>2020</b> , 150, w20207	3.1	1
197	Inhibition of vascular calcification by inositol phosphates derivatized with ethylene glycol oligomers. <i>Nature Communications</i> , <b>2020</b> , 11, 721	17.4	23
196	Impact of kidney transplantation on sleep apnea severity: A prospective polysomnographic study. <i>American Journal of Transplantation</i> , <b>2020</b> , 20, 1659-1667	8.7	4

195	Parathyroid Hormone and Plasma Phosphate Are Predictors of Soluble Klotho Levels in Adults of European Descent. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2020</b> , 105,	5.6	1
194	Sodium Intake Is Associated With Renal Resistive Index in an Adult Population-Based Study. <i>Hypertension</i> , <b>2020</b> , 76, 1898-1905	8.5	1
193	Reference values and sex differences in absolute and relative kidney size. A Swiss autopsy study. <i>BMC Nephrology</i> , <b>2020</b> , 21, 289	2.7	4
192	Renal Functional Reserve Is Related to the Nondipping Phenotype and to the Exercise Heart Rate Response in Patients with Essential Hypertension and Preserved Renal Function. <i>Kidney and Blood Pressure Research</i> , <b>2020</b> , 45, 737-747	3.1	
191	Management of Hyperuricemia in Patients with Chronic Kidney Disease: a Focus on Renal Protection. <i>Current Hypertension Reports</i> , <b>2020</b> , 22, 102	4.7	10
190	Blood pressure measurements with the OptiBP smartphone app validated against reference auscultatory measurements. <i>Scientific Reports</i> , <b>2020</b> , 10, 17827	4.9	16
189	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> , <b>2020</b> , 61, 117-127	2	6
188	Comparative effectiveness of different antihypertensive agents in kidney transplantation: a systematic review and meta-analysis. <i>Nephrology Dialysis Transplantation</i> , <b>2020</b> , 35, 878-887	4.3	14
187	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> , <b>2020</b> , 35, 1163-1170	4.3	17
186	First Line Combination Therapy in the Treatment of Stage II and III Hypertension (FLASH). <i>Frontiers in Cardiovascular Medicine</i> , <b>2020</b> , 7, 46	5.4	1
185	Hypertension, the renin-angiotensin system, and the risk of lower respiratory tract infections and lung injury: implications for COVID-19. <i>Cardiovascular Research</i> , <b>2020</b> , 116, 1688-1699	9.9	200
184	Ambulatory Blood Pressure in Relation to Plasma and Urinary Manganese. <i>Hypertension</i> , <b>2020</b> , 75, 1133-1139	8.39	2
183	Renal Resistive Index Is Associated With Inactive Matrix Gla (ECarboxyglutamate) Protein in an Adult Population-Based Study. <i>Journal of the American Heart Association</i> , <b>2019</b> , 8, e013558	6	4
182	Urinary Sex Steroid and Glucocorticoid Hormones Are Associated With Muscle Mass and Strength in Healthy Adults. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2019</b> , 104, 2195-2215	5.6	6
181	Acute hyperglycemia increases renal tissue oxygenation as measured by BOLD-MRI in healthy overweight volunteers. <i>Diabetes Research and Clinical Practice</i> , <b>2019</b> , 150, 138-143	7.4	9
180	Adherence in Hypertension. <i>Circulation Research</i> , <b>2019</b> , 124, 1124-1140	15.7	172
179	Reference intervals for the urinary steroid metabolome: The impact of sex, age, day and night time on human adult steroidogenesis. <i>PLoS ONE</i> , <b>2019</b> , 14, e0214549	3.7	21
178	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> , <b>2019</b> , 28, 358-374	1.7	6

177	Exploring a new method for quantitative sodium MRI in the human upper leg with a surface coil and symmetrically arranged reference phantoms. <i>Quantitative Imaging in Medicine and Surgery</i> , <b>2019</b> , 9, 985-999	3.6	1
176	Sex and Body Mass Index Modify the Association Between Leptin and Sodium Excretion: A Cross-sectional Study in an African Population. <i>American Journal of Hypertension</i> , <b>2019</b> , 32, 1101-1108	2.3	2
175	Treatment of hypertension in the elderly in 2017/2018 - what's new?. <i>Expert Opinion on Pharmacotherapy</i> , <b>2019</b> , 20, 1869-1877	4	3
174	New Insights on the Role of Sodium in the Physiological Regulation of Blood Pressure and Development of Hypertension. <i>Frontiers in Cardiovascular Medicine</i> , <b>2019</b> , 6, 136	5.4	6
173	Controversies in the management of patients with arterial hypertension. <i>Kardiologia Polska</i> , <b>2019</b> , 77, 902-907	0.9	4
172	Commentary: Statistical Adhockeries Are No Criteria for Legal Decisions-The Case of the Expert Medical Report on the Assessment of Urine Specimens Collected Among Athletes Having Participated to the Vancouver and Sochi Winter Olympic Games. <i>Frontiers in Sociology</i> , <b>2019</b> , 4, 85	1.7	
171	Redefining diuretics use in hypertension: why select a thiazide-like diuretic?. <i>Journal of Hypertension</i> , <b>2019</b> , 37, 1574-1586	1.9	37
170	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> , <b>2019</b> , 37, 1853-1860	1.9	14
169	Sodium intake and blood pressure in children with clinical conditions: A systematic review with meta-analysis. <i>Journal of Clinical Hypertension</i> , <b>2019</b> , 21, 118-126	2.3	19
168	Should we eat more potassium to better control blood pressure in hypertension?. <i>Nephrology Dialysis Transplantation</i> , <b>2019</b> , 34, 184-193	4.3	19
167	Is There a Threshold for Medication Adherence? Lessons Learnt From Electronic Monitoring of Drug Adherence. <i>Frontiers in Pharmacology</i> , <b>2018</b> , 9, 1540	5.6	31
166	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> , <b>2018</b> , 103, 748-758	5.6	14
165	Impact of salt reduction in meals consumed during hemodialysis sessions on interdialytic weight gain and hemodynamic stability. <i>Hemodialysis International</i> , <b>2018</b> , 22, 501-506	1.7	5
164	Reduced cortical oxygenation predicts a progressive decline of renal function in patients with chronic kidney disease. <i>Kidney International</i> , <b>2018</b> , 93, 932-940	9.9	75
163	Associations of Urinary Caffeine and Caffeine Metabolites With Arterial Stiffness in a Large Population-Based Study. <i>Mayo Clinic Proceedings</i> , <b>2018</b> , 93, 586-596	6.4	10
162	Blood pressure response to renal denervation is correlated with baseline blood pressure variability: a patient-level meta-analysis. <i>Journal of Hypertension</i> , <b>2018</b> , 36, 221-229	1.9	12
161	Should renal color Doppler ultrasonography be a routine test in newly diagnosed hypertensive patient?. <i>Journal of Hypertension</i> , <b>2018</b> , 36, 16-22	1.9	4
160	FO044UROMODULIN REFLECTS NEPHRON MASS IN THE GENERAL POPULATION AND KIDNEY DONORS. <i>Nephrology Dialysis Transplantation</i> , <b>2018</b> , 33, i36-i36	4.3	

159	Blood Pressure and Renal Responses to Orthostatic Stress Before and After Radiofrequency Renal Denervation in Patients with Resistant Hypertension. <i>Frontiers in Cardiovascular Medicine</i> , <b>2018</b> , 5, 42	5.4	4
158	Final Farewell to Alberto Zanchetti MD. <i>European Heart Journal</i> , <b>2018</b> , 39, 2616-2617	9.5	
157	2018 ESC/ESH Guidelines for the management of arterial hypertension. <i>European Heart Journal</i> , <b>2018</b> , 39, 3021-3104	9.5	3698
156	Functional magnetic resonance imaging of the kidneys: where do we stand? The perspective of the European COST Action PARENCHIMA. <i>Nephrology Dialysis Transplantation</i> , <b>2018</b> , 33, ii1-ii3	4.3	18
155	Renal blood oxygenation level-dependent magnetic resonance imaging to measure renal tissue oxygenation: a statement paper and systematic review. <i>Nephrology Dialysis Transplantation</i> , <b>2018</b> , 33, ii22-ii28	4.3	59
154	Epidemiological and histological findings implicate matrix Gla protein in diastolic left ventricular dysfunction. <i>PLoS ONE</i> , <b>2018</b> , 13, e0193967	3.7	7
153	Prevalence of Hypertensive Phenotypes After Preeclampsia: A Prospective Cohort Study. <i>Hypertension</i> , <b>2018</b> , 71, 103-109	8.5	28
152	FO001SODIUM AND CHLORIDE CONCENTRATION OF SWEAT CORRELATE WITH DIETARY SALT INTAKE IN HEALTHY SUBJECTS. <i>Nephrology Dialysis Transplantation</i> , <b>2018</b> , 33, i1-i1	4.3	
151	FP345ESTIMATED 24H URINARY SODIUM AND SODIUM TO POTASSIUM RATIO ARE PREDICTORS OF KIDNEY FUNCTION DECLINE IN A POPULATION BASED STUDY. <i>Nephrology Dialysis Transplantation</i> , <b>2018</b> , 33, i147-i148	4.3	
150	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> , <b>2018</b> , 36, 2284-2309	1.9	372
149	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> , <b>2018</b> , 27, 314-340	1.7	132
148	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> , <b>2018</b> , 36, 197-2041	1.9	1262
147	Take a Blood Pressure Pill or Benefit from Renal Denervation?. <i>European Heart Journal</i> , <b>2018</b> , 39, 3010-3012	3.5	2
146	Ambulatory arterial stiffness index and blood pressure response to renal denervation. <i>Journal of Hypertension</i> , <b>2018</b> , 36, 1272-1275	1.9	2
145	Update on Endothelin Receptor Antagonists in Hypertension. <i>Current Hypertension Reports</i> , <b>2018</b> , 20, 51	4.7	12
144	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> , <b>2018</b> , 35, 875-885 <sup>4.1</sup>	4.1	9
143	Effect of Home Blood Pressure Monitoring on Patient's Awareness and Goal Attainment Under Antihypertensive Therapy: The Factors Influencing Results in Anti-Hypertensive Treatment (FIRST) Study. <i>Kidney and Blood Pressure Research</i> , <b>2018</b> , 43, 979-986	3.1	4
142	Pharmacokinetics of lenalidomide during high cut-off dialysis in a patient with multiple myeloma and renal failure. <i>Cancer Chemotherapy and Pharmacology</i> , <b>2017</b> , 79, 215-218	3.5	1



141	Team-based care for improving hypertension management among outpatients (TBC-HTA): study protocol for a pragmatic randomized controlled trial. <i>BMC Cardiovascular Disorders</i> , <b>2017</b> , 17, 39	2.3	11
140	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>Hypertension</i> , <b>2017</b> , 69, 122-132	4.3	79
139	Relevance of positive cardiovascular outcome trial results in clinical practice: perspectives from the Academy for Cardiovascular Risk, Outcomes and Safety Studies in Type 2 Diabetes (ACROSS T2D). <i>Therapeutics and Clinical Risk Management</i> , <b>2017</b> , 13, 1569-1576	2.9	3
138	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> , <b>2017</b> , 32, 2097-2105	4.3	40
137	A population-based approach to assess the heritability and distribution of renal handling of electrolytes. <i>Kidney International</i> , <b>2017</b> , 92, 1536-1543	9.9	15
136	Seasonality of sodium and potassium consumption in Switzerland. Data from three cross-sectional, population-based studies. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2017</b> , 27, 792-798	4.5	5
135	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> , <b>2017</b> , 2, 836-843	4.1	24
134	Performance of targeted screening for the identification of hypertension in children. <i>Blood Pressure</i> , <b>2017</b> , 26, 87-93	1.7	8
133	Optimizing hypertension management in renal transplantation: a call to action. <i>Nephrology Dialysis Transplantation</i> , <b>2017</b> , 32, 1959-1962	4.3	10
132	MP120THE URINARY UROMODULLIN CREATININE RATIO IS DECREASED 6 WEEKS POST-PARTUM IN WOMEN WITH PREECLAMPSIA. <i>Nephrology Dialysis Transplantation</i> , <b>2017</b> , 32, iii472-iii472	4.3	
131	Comparative Long-Term Effect of Three Anti-P2Y12 Drugs after Percutaneous Angioplasty: An Observational Study Based on Electronic Drug Adherence Monitoring. <i>Frontiers in Pharmacology</i> , <b>2017</b> , 8, 738	5.6	1
130	Associations of sodium, potassium and protein intake with blood pressure and hypertension in Switzerland. <i>Swiss Medical Weekly</i> , <b>2017</b> , 147, w14411	3.1	11
129	Changing trends in end-stage renal disease patients with diabetes. <i>Swiss Medical Weekly</i> , <b>2017</b> , 147, w14458	3.1	10
128	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> , <b>2017</b> , 147, w14459	3.1	6
127	Treatment of high blood pressure in elderly and octogenarians: European Society of Hypertension statement on blood pressure targets. <i>Blood Pressure</i> , <b>2016</b> , 25, 333-336	1.7	24
126	Renal tissue oxygenation in children with chronic kidney disease due to vesicoureteral reflux. <i>Pediatric Nephrology</i> , <b>2016</b> , 31, 2103-11	3.2	4
125	Association between obesity and glomerular hyperfiltration: the confounding effect of smoking and sodium and protein intakes. <i>European Journal of Nutrition</i> , <b>2016</b> , 55, 1089-97	5.2	31
124	Sociodemographic, behavioral and genetic determinants of allostatic load in a Swiss population-based study. <i>Psychoneuroendocrinology</i> , <b>2016</b> , 67, 76-85	5	34

123	CYP17A1 Enzyme Activity Is Linked to Ambulatory Blood Pressure in a Family-Based Population Study. <i>American Journal of Hypertension</i> , <b>2016</b> , 29, 484-93	2.3	10
122	Blood Oxygenation Level-Dependent MRI to Assess Renal Oxygenation in Renal Diseases: Progresses and Challenges. <i>Frontiers in Physiology</i> , <b>2016</b> , 7, 667	4.6	41
121	Chronic kidney disease in type 2 diabetic patients followed-up by primary care physicians in Switzerland: prevalence and prescription of antidiabetic drugs. <i>Swiss Medical Weekly</i> , <b>2016</b> , 146, w14282 <sup>3.1</sup>		4
120	Prevalence and determinants of chronic kidney disease in the Swiss population. <i>Swiss Medical Weekly</i> , <b>2016</b> , 146, w14313	3.1	7
119	Physiologic Control of the Circadian Variability in Blood Pressure <b>2016</b> , 149-163		1
118	Adherence to Medications in Uncontrolled Hypertension. <i>Updates in Hypertension and Cardiovascular Protection</i> , <b>2016</b> , 179-192	0.1	
117	MP641 IMPACT OF REDUCING SALT CONTENT OF MEALS CONSUMED DURING HEMODIALYSIS SESSIONS ON HEMODYNAMIC STABILITY AND INTERDIALYTIC WEIGHT GAIN. <i>Nephrology Dialysis Transplantation</i> , <b>2016</b> , 31, i554-i554	4.3	
116	Fibroblast growth factor 23 and markers of mineral metabolism in individuals with preserved renal function. <i>Kidney International</i> , <b>2016</b> , 90, 648-57	9.9	47
115	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> , <b>2016</b> , 13, 81	4.6	12
114	Effect of long-term adherence to clopidogrel on the VASP-PRI after elective coronary stent implantation: a randomized controlled study. <i>British Journal of Clinical Pharmacology</i> , <b>2016</b> , 82, 1486-1497 <sup>3.8</sup>		5
113	Blockade of the Renin-Angiotensin System and the Risk of Acute Kidney Injury. <i>Journal of Clinical Hypertension</i> , <b>2016</b> , 18, 512-3	2.3	2
112	Pharmacokinetic modelling of dialytic clearance in a case of acyclovir intoxication. <i>International Journal of Antimicrobial Agents</i> , <b>2015</b> , 45, 325-7	14.3	1
111	What Is the Hypertension Phenotype?. <i>Current Cardiovascular Risk Reports</i> , <b>2015</b> , 9, 1	0.9	4
110	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> , <b>2015</b> , 467, 2413-21	4.6	7
109	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> , <b>2015</b> , 13, 40	11.4	37
108	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> , <b>2015</b> , 16, 62	2.7	9
107	Drug Adherence in Hypertension <b>2015</b> , 919-933		1
106	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> , <b>2015</b> , 104, 1097-105	6.1	61



105	ENaC activity in collecting ducts modulates NCC in cirrhotic mice. <i>Pflugers Archiv European Journal of Physiology</i> , <b>2015</b> , 467, 2529-39	4.6	2
104	Obstructive Sleep Apnea Severity and Overnight Body Fluid Shift before and after Hemodialysis. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , <b>2015</b> , 10, 1002-10	6.9	38
103	Inactive Matrix Gla-Protein Is Associated With Arterial Stiffness in an Adult Population-Based Study. <i>Hypertension</i> , <b>2015</b> , 66, 85-92	8.5	65
102	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> , <b>2015</b> , 26, 1415-25	12.7	41
101	Effects of Sucroferic 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> , <b>2015</b> , 2015, 515606	3	21
100	Prevalence and Diagnostic Approach to Sleep Apnea in Hemodialysis Patients: A Population Study. <i>BioMed Research International</i> , <b>2015</b> , 2015, 103686	3	15
99	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> , <b>2015</b> , 18, 1333-42	3.3	21
98	Drug adherence in chronic kidney diseases and dialysis. <i>Nephrology Dialysis Transplantation</i> , <b>2015</b> , 30, 39-44	4.3	67
97	A new technique with high reproducibility to estimate renal oxygenation using BOLD-MRI in chronic kidney disease. <i>Magnetic Resonance Imaging</i> , <b>2015</b> , 33, 253-61	3.3	32
96	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , <b>2015</b> , 518, 187-196	50.4	920
95	Associations of ambulatory blood pressure with urinary caffeine and caffeine metabolite excretions. <i>Hypertension</i> , <b>2015</b> , 65, 691-6	8.5	27
94	Modulation of genetic associations with serum urate levels by body-mass-index in humans. <i>PLoS ONE</i> , <b>2015</b> , 10, e0119752	3.7	31
93	State-of-the-art treatment of hypertension: established and new drugs. <i>European Heart Journal</i> , <b>2014</b> , 35, 557-62	9.5	20
92	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> , <b>2014</b> , 24, 303-12	3	21
91	Chronic kidney disease: Should sodium intake be restricted in patients with CKD?. <i>Nature Reviews Nephrology</i> , <b>2014</b> , 10, 363-4	14.9	4
90	Epidemiology of masked and white-coat hypertension: the family-based SKIPOGH study. <i>PLoS ONE</i> , <b>2014</b> , 9, e92522	3.7	35
89	Determinants of renal tissue oxygenation as measured with BOLD-MRI in chronic kidney disease and hypertension in humans. <i>PLoS ONE</i> , <b>2014</b> , 9, e95895	3.7	65
88	Eligibility for renal denervation: experience at 11 European expert centers. <i>Hypertension</i> , <b>2014</b> , 63, 1319-25	5.5	55

87	Blood pressure and physical activity: time to move (on). <i>American Journal of Hypertension</i> , <b>2014</b> , 27, 1125-3		
86	Ambulatory blood pressure and adherence monitoring: diagnosing pseudoresistant hypertension. <i>Seminars in Nephrology</i> , <b>2014</b> , 34, 498-505	4.8	11
85	Reference values and factors associated with renal resistive index in a family-based population study. <i>Hypertension</i> , <b>2014</b> , 63, 136-42	8.5	72
84	Managing 'resistance': is adherence a target for treatment?. <i>Current Opinion in Nephrology and Hypertension</i> , <b>2014</b> , 23, 439-43	3.5	21
83	Improving blood pressure control through pharmacist interventions: a meta-analysis of randomized controlled trials. <i>Journal of the American Heart Association</i> , <b>2014</b> , 3, e000718	6	179
82	Response to maximizing treatment adherence: physician-patient partnerships vs procedures. <i>Hypertension</i> , <b>2014</b> , 63, e8	8.5	
81	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> , <b>2014</b> , 9, e109134	3.7	8
80	Blockade of the renin-angiotensin system in hypertensive patients with atherosclerotic renal artery stenosis. <i>Current Hypertension Reports</i> , <b>2013</b> , 15, 497-505	4.7	
79	Heritability, determinants and reference values of renal length: a family-based population study. <i>European Radiology</i> , <b>2013</b> , 23, 2899-905	8	41
78	Discovery and refinement of loci associated with lipid levels. <i>Nature Genetics</i> , <b>2013</b> , 45, 1274-1283	36.3	1904
77	Renal protection with calcium antagonists: the role of lercanidipine. <i>Current Medical Research and Opinion</i> , <b>2013</b> , 29, 1727-35	2.5	10
76	Measuring, analyzing, and managing drug adherence in resistant hypertension. <i>Hypertension</i> , <b>2013</b> , 62, 218-25	8.5	146
75	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> , <b>2013</b> , 34, 2159-219	9.5	3400
74	Renal tissue oxygenation in essential hypertension and chronic kidney disease. <i>International Journal of Hypertension</i> , <b>2013</b> , 2013, 696598	2.4	27
73	Step count is associated with lower nighttime systolic blood pressure and increased dipping. <i>American Journal of Hypertension</i> , <b>2013</b> , 26, 527-34	2.3	17
72	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> , <b>2013</b> , 2013, 104892	3	18
71	Antihypertensive therapies <b>2012</b> , 78-88		
70	Target blood pressure attainment with antihypertensive therapy in Swiss primary care. <i>Blood Pressure</i> , <b>2012</b> , 21, 211-9	1.7	8

69	Renal perfusion evaluation with contrast-enhanced ultrasonography. <i>Nephrology Dialysis Transplantation</i> , <b>2012</b> , 27, 674-81	4.3	55
68	Short-term increase in particulate matter blunts nocturnal blood pressure dipping and daytime urinary sodium excretion. <i>Hypertension</i> , <b>2012</b> , 60, 1061-9	8.5	44
67	Pharmacokinetic evaluation of losartan. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , <b>2011</b> , 7, 643-9	9.5	18
66	Critical review of cancer risk associated with angiotensin receptor blocker therapy. <i>Vascular Health and Risk Management</i> , <b>2011</b> , 7, 741-7	4.4	9
65	Ambulatory blood pressure monitoring to assess cardiovascular risk in women. <i>Hypertension</i> , <b>2011</b> , 57, 377-8	8.5	7
64	Lowering systolic blood pressure below 130 mm Hg does not improve cardiovascular outcomes in hypertensive patients with diabetes and coronary artery disease. <i>Evidence-Based Medicine</i> , <b>2011</b> , 16, 24-6		2
63	Fixed combinations in the pragmatic management of hypertension: focus on aliskiren and hydrochlorothiazide as a single pill. <i>Integrated Blood Pressure Control</i> , <b>2010</b> , 3, 57-62	3.5	2
62	Effect of sodium loading/depletion on renal oxygenation in young normotensive and hypertensive men. <i>Hypertension</i> , <b>2010</b> , 55, 1116-22	8.5	64
61	Genome-wide association study of blood pressure extremes identifies variant near UMOD associated with hypertension. <i>PLoS Genetics</i> , <b>2010</b> , 6, e1001177	6	255
60	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> , <b>2010</b> , 25, 2225-31	4.3	42
59	Comparative vascular and renal tubular effects of angiotensin II receptor blockers combined with a thiazide diuretic in humans. <i>Journal of Hypertension</i> , <b>2010</b> , 28, 520-6	1.9	12
58	Less frequent dosing of erythropoiesis stimulating agents in patients undergoing dialysis: a European multicentre cost study. <i>Journal of Medical Economics</i> , <b>2009</b> , 12, 77-86	2.4	8
57	Aldosterone and cardiovascular risk. <i>Current Hypertension Reports</i> , <b>2009</b> , 11, 450-5	4.7	16
56	Association between white-coat effect and blunted dipping of nocturnal blood pressure. <i>American Journal of Hypertension</i> , <b>2009</b> , 22, 1054-61	2.3	10
55	Treatment of essential hypertension with calcium channel blockers: what is the place of lercanidipine?. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , <b>2009</b> , 5, 981-7	5.5	13
54	Ethnic differences in proximal and distal tubular sodium reabsorption are heritable in black and white populations. <i>Journal of Hypertension</i> , <b>2009</b> , 27, 606-12	1.9	45
53	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> , <b>2008</b> , 19, 427-34	3.9	51
52	Hemodynamic effect of angiotensin II receptor blockade in postmenopausal women on a high-sodium diet: A double-blind, randomized, placebo-controlled study. <i>Current Therapeutic Research</i> , <b>2008</b> , 69, 467-79	2.4	1

51	End-digit preference in general practice: a comparison of the conventional auscultatory and electronic oscillometric methods. <i>Blood Pressure</i> , <b>2008</b> , 17, 104-9	1.7	21
50	Ethnic differences in renal handling of water and solutes in hypertension. <i>Hypertension</i> , <b>2008</b> , 52, 203-4	8.5	6
49	Adherence to prescribed antihypertensive drug treatments: longitudinal study of electronically compiled dosing histories. <i>BMJ, The</i> , <b>2008</b> , 336, 1114-7	5.9	527
48	Nighttime blood pressure and nocturnal dipping are associated with daytime urinary sodium excretion in African subjects. <i>Hypertension</i> , <b>2008</b> , 51, 891-8	8.5	125
47	Relationships among endogenous ouabain, alpha-adducin polymorphisms and renal sodium handling in primary hypertension. <i>Journal of Hypertension</i> , <b>2008</b> , 26, 914-20	1.9	46
46	Patient adherence and the choice of antihypertensive drugs: focus on lercanidipine. <i>Vascular Health and Risk Management</i> , <b>2008</b> , 4, 1159-66	4.4	11
45	Alterations of renal sodium handling in arterial hypertension. <i>Current Hypertension Reports</i> , <b>2008</b> , 10, 85-6	4.7	1
44	Renal sodium handling and nighttime blood pressure. <i>Seminars in Nephrology</i> , <b>2007</b> , 27, 565-71	4.8	37
43	The association of aldosterone with obesity-related hypertension and the metabolic syndrome. <i>Seminars in Nephrology</i> , <b>2007</b> , 27, 529-37	4.8	35
42	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> , <b>2007</b> , 95, 63-68	3.1	5
41	Efficacy and tolerability of lercanidipine in patients with hypertension: results of a Phase IV study in general practice. <i>Expert Opinion on Pharmacotherapy</i> , <b>2007</b> , 8, 2215-23	4	11
40	Clinical evaluation of IDAS II, a new electronic device enabling drug adherence monitoring. <i>European Journal of Clinical Pharmacology</i> , <b>2007</b> , 63, 1179-84	2.8	37
39	CYP3A5 and ABCB1 genes influence blood pressure and response to treatment, and their effect is modified by salt. <i>Hypertension</i> , <b>2007</b> , 49, 1007-14	8.5	53
38	Improving blood pressure control in the community: can new technologies help us?. <i>American Journal of Hypertension</i> , <b>2007</b> , 20, 949	2.3	1
37	Proximal tubular function and salt sensitivity. <i>Current Hypertension Reports</i> , <b>2006</b> , 8, 8-15	4.7	23
36	Plasma aldosterone is independently associated with the metabolic syndrome. <i>Hypertension</i> , <b>2006</b> , 48, 239-45	8.5	172
35	Medication adherence and persistence as the cornerstone of effective antihypertensive therapy. <i>American Journal of Hypertension</i> , <b>2006</b> , 19, 1190-6	2.3	229
34	Association of CYP3A5 genotypes with blood pressure and renal function in African families. <i>Journal of Hypertension</i> , <b>2006</b> , 24, 923-9	1.9	36

33	High heritability of ambulatory blood pressure in families of East African descent. <i>Hypertension</i> , <b>2005</b> , 45, 445-50	8.5	64
32	Heritability of renal function in hypertensive families of African descent in the Seychelles (Indian Ocean). <i>Kidney International</i> , <b>2005</b> , 67, 61-9	9.9	52
31	Determinants of persistence in hypertensive patients treated with irbesartan: results of a postmarketing survey. <i>BMC Cardiovascular Disorders</i> , <b>2005</b> , 5, 13	2.3	21
30	The safety of rofecoxib. <i>Expert Opinion on Drug Safety</i> , <b>2005</b> , 4, 491-9	4.1	29
29	Female sex hormones, salt, and blood pressure regulation. <i>American Journal of Hypertension</i> , <b>2004</b> , 17, 994-1001	2.3	154
28	Monitoring compliance in resistant hypertension: an important step in patient management. <i>Journal of Hypertension</i> , <b>2003</b> , 21, S37-42	1.9	58
27	Angiotensin II receptor blockade: is there truly a benefit of adding an ACE inhibitor?. <i>Hypertension</i> , <b>2003</b> , 41, 31-6	8.5	85
26	Comparative angiotensin II receptor blockade in healthy volunteers: the importance of dosing. <i>Clinical Pharmacology and Therapeutics</i> , <b>2002</b> , 71, 68-76	6.1	75
25	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> , <b>2002</b> , 13, 1509-16	12.7	63
24	Electronic compliance monitoring in resistant hypertension: the basis for rational therapeutic decisions. <i>Journal of Hypertension</i> , <b>2001</b> , 19, 335-41	1.9	191
23	Renal determinants of the salt sensitivity of blood pressure. <i>Nephrology Dialysis Transplantation</i> , <b>2001</b> , 16, 452-8	4.3	34
22	Angiotensin II type 1 receptor blockers. <i>Circulation</i> , <b>2001</b> , 103, 904-12	16.7	401
21	Does protein binding modulate the effect of angiotensin II receptor antagonists?. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , <b>2001</b> , 2, S54-S58	3	5
20	Blood pressure and renal haemodynamic response to salt during the normal menstrual cycle. <i>Clinical Science</i> , <b>2000</b> , 98, 697-702	6.5	28
19	Renal sodium handling in acute and chronic salt loading/depletion protocols: the confounding influence of acute water loading. <i>Journal of Hypertension</i> , <b>2000</b> , 18, 1657-64	1.9	22
18	Is nurse-measured blood pressure a valid substitute for ambulatory blood pressure monitoring?. <i>Blood Pressure Monitoring</i> , <b>2000</b> , 5, 203-9	1.3	9
17	Salt- and angiotensin II-dependent variations in amiloride-sensitive rectal potential difference in mice. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2000</b> , 27, 60-6	3	33
16	Proximal sodium reabsorption: An independent determinant of blood pressure response to salt. <i>Hypertension</i> , <b>2000</b> , 36, 631-7	8.5	89

15	Why Objective Monitoring of Compliance is Important in the Management of Hypertension. <i>Journal of Clinical Hypertension</i> , <b>2000</b> , 2, 258-262	2.3	17
14	Angiotensin II receptor blockade in normotensive subjects: A direct comparison of three AT1 receptor antagonists. <i>Hypertension</i> , <b>1999</b> , 33, 850-5	8.5	92
13	Adducin polymorphism affects renal proximal tubule reabsorption in hypertension. <i>Hypertension</i> , <b>1999</b> , 33, 694-7	8.5	108
12	Renal effects of selective cyclooxygenase-2 inhibition in normotensive salt-depleted subjects. <i>Clinical Pharmacology and Therapeutics</i> , <b>1999</b> , 66, 76-84	6.1	226
11	Comparative safety and tolerability of angiotensin II receptor antagonists. <i>Drug Safety</i> , <b>1999</b> , 21, 23-33	5.1	70
10	Electronic monitoring of compliance to lipid-lowering therapy in clinical practice. <i>Journal of Clinical Pharmacology</i> , <b>1999</b> , 39, 402-9	2.9	53
9	Pharmacology of valsartan, an angiotensin II receptor antagonist. <i>Expert Opinion on Investigational Drugs</i> , <b>1998</b> , 7, 1915-25	5.9	23
8	Sinistrin clearance for determination of glomerular filtration rate: a reappraisal of various approaches using a new analytical method. <i>Journal of Clinical Pharmacology</i> , <b>1997</b> , 37, 679-92	2.9	26
7	Isolated office hypertension: a prehypertensive state?. <i>Journal of Hypertension</i> , <b>1996</b> , 14, 327-332	1.9	90
6	Experience with angiotensin II antagonists in hypertensive patients. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>1996</b> , 23 Suppl 3, S142-6	3	5
5	Differential nitric oxide synthase activity in human platelets during normal pregnancy and pre-eclampsia. <i>Clinical Science</i> , <b>1995</b> , 88, 607-10	6.5	35
4	Angiotensin II antagonists. <i>Clinical and Experimental Hypertension</i> , <b>1993</b> , 15, 1221-38	2.2	8
3	Effects of SCH 34826, an orally active inhibitor of atrial natriuretic peptide degradation, in healthy volunteers. <i>Clinical Pharmacology and Therapeutics</i> , <b>1991</b> , 50, 181-91	6.1	18
2	Comparative cardiovascular effects of drugs used for hypertension. <i>Drugs</i> , <b>1990</b> , 39 Suppl 1, 32-8	12.1	4
1	The Place of Microelectronic Systems in Measuring Compliance		85-96 0