

# Markus van der Giet

## List of Publications by Citations

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148  
papers

7,613  
citations

40  
h-index

84  
g-index

164  
ext. papers

8,593  
ext. citations

6.4  
avg, IF

5.41  
L-index

#	Paper	IF	Citations
148	Prevention of radiographic-contrast-agent-induced reductions in renal function by acetylcysteine. <i>New England Journal of Medicine</i> , <b>2000</b> , 343, 180-4	59.2	1300
147	HDL induces NO-dependent vasorelaxation via the lysophospholipid receptor S1P3. <i>Journal of Clinical Investigation</i> , <b>2004</b> , 113, 569-581	15.9	487
146	Two novel equations to estimate kidney function in persons aged 70 years or older. <i>Annals of Internal Medicine</i> , <b>2012</b> , 157, 471-81	8	357
145	The antioxidant acetylcysteine reduces cardiovascular events in patients with end-stage renal failure: a randomized, controlled trial. <i>Circulation</i> , <b>2003</b> , 107, 992-5	16.7	302
144	A new oscillometric method for pulse wave analysis: comparison with a common tonometric method. <i>Journal of Human Hypertension</i> , <b>2010</b> , 24, 498-504	2.6	257
143	HDL induces NO-dependent vasorelaxation via the lysophospholipid receptor S1P3. <i>Journal of Clinical Investigation</i> , <b>2004</b> , 113, 569-81	15.9	191
142	Diadenosine phosphates and the physiological control of blood pressure. <i>Nature</i> , <b>1994</b> , 367, 186-8	50.4	189
141	Validation of the mobil-O-Graph: 24 h-blood pressure measurement device. <i>Blood Pressure Monitoring</i> , <b>2010</b> , 15, 225-8	1.3	172
140	Design and testing of beta-actin primers for RT-PCR that do not co-amplify processed pseudogenes. <i>BioTechniques</i> , <b>1997</b> , 23, 456-60	2.5	165
139	Serum amyloid A in uremic HDL promotes inflammation. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2012</b> , 23, 934-47	12.7	164
138	Mass-spectrometric identification of a novel angiotensin peptide in human plasma. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2007</b> , 27, 297-302	9.4	139
137	Oscillometric estimation of central blood pressure: validation of the Mobil-O-Graph in comparison with the SphygmoCor device. <i>Blood Pressure Monitoring</i> , <b>2012</b> , 17, 128-31	1.3	133
136	The sphingosine-1-phosphate analogue FTY720 reduces atherosclerosis in apolipoprotein E-deficient mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2007</b> , 27, 607-13	9.4	133
135	Uridine adenosine tetraphosphate: a novel endothelium- derived vasoconstrictive factor. <i>Nature Medicine</i> , <b>2005</b> , 11, 223-7	50.5	130
134	Central arteriovenous anastomosis for the treatment of patients with uncontrolled hypertension (the ROX CONTROL HTN study): a randomised controlled trial. <i>Lancet, The</i> , <b>2015</b> , 385, 1634-41	40	121
133	HDL-associated lysosphingolipids inhibit NAD(P)H oxidase-dependent monocyte chemoattractant protein-1 production. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2008</b> , 28, 1542-8	9.4	120
132	Immunomodulator FTY720 Induces eNOS-dependent arterial vasodilatation via the lysophospholipid receptor S1P3. <i>Circulation Research</i> , <b>2005</b> , 96, 913-20	15.7	114

131	High-density lipoprotein loses its anti-inflammatory capacity by accumulation of pro-inflammatory-serum amyloid A. <i>Cardiovascular Research</i> , <b>2012</b> , 94, 154-62	9.9	110
130	Myeloperoxidase and serum amyloid A contribute to impaired in vivo reverse cholesterol transport during the acute phase response but not group IIA secretory phospholipase A(2). <i>Journal of Lipid Research</i> , <b>2010</b> , 51, 743-54	6.3	103
129	Erythrocytes serve as a reservoir for cellular and extracellular sphingosine 1-phosphate. <i>Journal of Cellular Biochemistry</i> , <b>2010</b> , 109, 1232-43	4.7	101
128	High-density lipoprotein stimulates myocardial perfusion in vivo. <i>Circulation</i> , <b>2004</b> , 110, 3355-9	16.7	96
127	CKD: A Call for an Age-Adapted Definition. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2019</b> , 30, 1785-1805	12.7	82
126	Chronic norovirus infection in renal transplant recipients. <i>Nephrology Dialysis Transplantation</i> , <b>2009</b> , 24, 1051-3	4.3	79
125	Immunomodulator FTY720 induces myofibroblast differentiation via the lysophospholipid receptor S1P3 and Smad3 signaling. <i>American Journal of Pathology</i> , <b>2007</b> , 170, 281-92	5.8	76
124	Noninvasive evaluation of renal allograft fibrosis by transient elastography--a pilot study. <i>Transplant International</i> , <b>2010</b> , 23, 871-7	3	75
123	Arteriosclerosis and vascular calcification: causes, clinical assessment and therapy. <i>European Journal of Clinical Investigation</i> , <b>2015</b> , 45, 976-85	4.6	66
122	Expression of inducible nitric oxide synthase in placenta of women with gestational diabetes. <i>FASEB Journal</i> , <b>1996</b> , 10, 777-84	0.9	66
121	Too old to benefit from sports? The cardiovascular effects of exercise training in elderly subjects treated for isolated systolic hypertension. <i>Kidney and Blood Pressure Research</i> , <b>2007</b> , 30, 240-7	3.1	64
120	Effect of the venous catheter site on transpulmonary thermodilution measurement variables. <i>Critical Care Medicine</i> , <b>2007</b> , 35, 783-6	1.4	58
119	Dinucleoside polyphosphates: strong endogenous agonists of the purinergic system. <i>British Journal of Pharmacology</i> , <b>2009</b> , 157, 1142-53	8.6	51
118	Interaction of human serum albumin with short polyelectrolytes: a study by calorimetry and computer simulations. <i>Soft Matter</i> , <b>2015</b> , 11, 4630-9	3.6	50
117	Pharmacological relevance and potential of sphingosine 1-phosphate in the vascular system. <i>British Journal of Pharmacology</i> , <b>2011</b> , 163, 1140-62	8.6	50
116	Differential effects of diadenosine phosphates on purinoceptors in the rat isolated perfused kidney. <i>British Journal of Pharmacology</i> , <b>1997</b> , 120, 1453-60	8.6	49
115	Scavenger receptor BI-mediated selective uptake is required for the remodeling of high density lipoprotein by endothelial lipase. <i>Journal of Biological Chemistry</i> , <b>2009</b> , 284, 6093-100	5.4	48
114	Angiotensin-(1-7) inhibits angiotensin II-induced signal transduction. <i>Journal of Cardiovascular Pharmacology</i> , <b>2002</b> , 40, 693-700	3.1	47

113	Early Conversion From Calcineurin Inhibitor- to Everolimus-Based Therapy Following Kidney Transplantation: Results of the Randomized ELEVATE Trial. <i>American Journal of Transplantation</i> , <b>2017</b> , 17, 1853-1867	8.7	46
112	Identification and quantification of diadenosine polyphosphate concentrations in human plasma. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2003</b> , 23, 1231-8	9.4	44
111	Identification and characterization of diadenosine 5R5"RP1,P2 -diphosphate and diadenosine 5R5"RP1,P3-triphosphate in human myocardial tissue. <i>FASEB Journal</i> , <b>1999</b> , 13, 695-705	0.9	44
110	HDL function is impaired in acute myocardial infarction independent of plasma HDL cholesterol levels. <i>Journal of Clinical Lipidology</i> , <b>2016</b> , 10, 1318-1328	4.9	43
109	Increased uridine adenosine tetraphosphate concentrations in plasma of juvenile hypertensives. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2007</b> , 27, 1776-81	9.4	42
108	Adenosine(5R oligophospho-(5R guanosines and guanosine(5R oligophospho-(5R guanosines in human platelets. <i>Journal of Clinical Investigation</i> , <b>1998</b> , 101, 682-8	15.9	39
107	The Berlin initiative study: the methodology of exploring kidney function in the elderly by combining a longitudinal and cross-sectional approach. <i>European Journal of Epidemiology</i> , <b>2010</b> , 25, 203-10 <sup>1</sup>	12.1	37
106	Arrestin-independent internalization and recycling of the urotensin receptor contribute to long-lasting urotensin II-mediated vasoconstriction. <i>Circulation Research</i> , <b>2005</b> , 97, 707-15	15.7	36
105	Identification and characterization of P(1), P(7)-Di(adenosine-5R-heptaphosphate from human platelets. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 23926-31	5.4	36
104	Cardiorenovascular effects of urotensin II and the relevance of the UT receptor. <i>Peptides</i> , <b>2008</b> , 29, 743-63	9.3	34
103	Increased vascular growth in hemodialysis patients induced by platelet-derived diadenosine polyphosphates. <i>Kidney International</i> , <b>2001</b> , 59, 1134-41	9.9	34
102	Transient Receptor Potential Vanilloid 4 and Serum Glucocorticoid-regulated Kinase 1 Are Critical Mediators of Lung Injury in Overventilated Mice In Vivo. <i>Anesthesiology</i> , <b>2017</b> , 126, 300-311	4.3	33
101	Dinucleotides as growth-promoting extracellular mediators. Presence of dinucleoside diphosphates Ap2A, Ap2G, and Gp2G in releasable granules of platelets. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 8904-9	5.4	33
100	The uraemic toxin phenylacetic acid impairs macrophage function. <i>Nephrology Dialysis Transplantation</i> , <b>2008</b> , 23, 3485-93	4.3	32
99	The cardiovascular effects of upper-limb aerobic exercise in hypertensive patients. <i>Journal of Hypertension</i> , <b>2008</b> , 26, 1336-42	1.9	32
98	Beta-blockers do not impair the cardiovascular benefits of endurance training in hypertensives. <i>Journal of Human Hypertension</i> , <b>2007</b> , 21, 486-93	2.6	32
97	Central Iliac Arteriovenous Anastomosis for Uncontrolled Hypertension: One-Year Results From the ROX CONTROL HTN Trial. <i>Hypertension</i> , <b>2017</b> , 70, 1099-1105	8.5	31
96	Angioprotectin: an angiotensin II-like peptide causing vasodilatory effects. <i>FASEB Journal</i> , <b>2011</b> , 25, 2987-95	7.95	31

95	Prevalence of reduced kidney function and albuminuria in older adults: the Berlin Initiative Study. <i>Nephrology Dialysis Transplantation</i> , <b>2017</b> , 32, 997-1005	4.3	31
94	Iohexol plasma clearance measurement in older adults with chronic kidney disease-sampling time matters. <i>Nephrology Dialysis Transplantation</i> , <b>2015</b> , 30, 1307-14	4.3	30
93	Alcohol-Mediated Renal Denervation Using the Peregrine System Infusion Catheter for Treatment of Hypertension. <i>JACC: Cardiovascular Interventions</i> , <b>2020</b> , 13, 471-484	5	30
92	Calcineurin inhibitor sparing regimens using m-target of rapamycin inhibitors: an opportunity to improve cardiovascular risk following kidney transplantation?. <i>Transplant International</i> , <b>2011</b> , 24, 30-42	3	29
91	Endothelial dysfunction in cold-induced hypertensive rats. <i>American Journal of Hypertension</i> , <b>2002</b> , 15, 176-80	2.3	29
90	Uridine adenosine tetraphosphate activation of the purinergic receptor P2Y enhances in vitro vascular calcification. <i>Kidney International</i> , <b>2012</b> , 81, 256-65	9.9	28
89	Convenience of ambulatory blood pressure monitoring: comparison of different devices. <i>Blood Pressure Monitoring</i> , <b>2005</b> , 10, 239-42	1.3	28
88	The uraemic toxin phenylacetic acid increases the formation of reactive oxygen species in vascular smooth muscle cells. <i>Nephrology Dialysis Transplantation</i> , <b>2008</b> , 23, 65-71	4.3	27
87	Cystatin C standardization decreases assay variation and improves assessment of glomerular filtration rate. <i>Clinica Chimica Acta</i> , <b>2016</b> , 456, 115-121	6.2	27
86	Differential effects of uridine adenosine tetraphosphate on purinoceptors in the rat isolated perfused kidney. <i>British Journal of Pharmacology</i> , <b>2010</b> , 161, 530-40	8.6	26
85	Intraoperative assessment of kidney allograft perfusion by laser-assisted indocyanine green fluorescence videography. <i>Transplantation Proceedings</i> , <b>2010</b> , 42, 1526-30	1.1	25
84	Validation of the Stabil-O-Graph blood pressure self-measurement device. <i>Journal of Human Hypertension</i> , <b>2008</b> , 22, 233-5	2.6	25
83	High-performance liquid chromatographic assay of the diadenosine polyphosphates in human platelets. <i>Analytical Biochemistry</i> , <b>1999</b> , 269, 72-8	3.1	25
82	Increased plasma phenylacetic acid in patients with end-stage renal failure inhibits iNOS expression. <i>Journal of Clinical Investigation</i> , <b>2003</b> , 112, 256-64	15.9	25
81	The role of serum amyloid A and sphingosine-1-phosphate on high-density lipoprotein functionality. <i>Biological Chemistry</i> , <b>2015</b> , 396, 573-83	4.5	24
80	Uridine adenosine tetraphosphate (Up4A) is a strong inducer of smooth muscle cell migration via activation of the P2Y2 receptor and cross-communication to the PDGF receptor. <i>Biochemical and Biophysical Research Communications</i> , <b>2012</b> , 417, 1035-40	3.4	24
79	Type I diabetes mellitus decreases in vivo macrophage-to-feces reverse cholesterol transport despite increased biliary sterol secretion in mice. <i>Journal of Lipid Research</i> , <b>2012</b> , 53, 348-357	6.3	24
78	Detection of angiotensin II in supernatants of stimulated mononuclear leukocytes by matrix-assisted laser desorption ionization time-of-flight/time-of-flight mass analysis. <i>Hypertension</i> , <b>2005</b> , 46, 591-7	8.5	24

77	Prophylaxis of recurrent urinary tract infection after renal transplantation by cranberry juice and L-methionine. <i>Transplantation Proceedings</i> , <b>2012</b> , 44, 3017-21	1.1	23
76	GFR in Healthy Aging: an Individual Participant Data Meta-Analysis of Iohexol Clearance in European Population-Based Cohorts. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2020</b> , 31, 1602-1615 <sup>22</sup>	12.7	22
75	Sphingosine-1-phosphate and FTY720 as anti-atherosclerotic lipid compounds. <i>European Journal of Clinical Investigation</i> , <b>2007</b> , 37, 171-9	4.6	22
74	Evidence for two different P2X-receptors mediating vasoconstriction of Ap5A and Ap6A in the isolated perfused rat kidney. <i>British Journal of Pharmacology</i> , <b>1999</b> , 127, 1463-9	8.6	22
73	Paracrine stimulation of vascular smooth muscle proliferation by diadenosine polyphosphates released from proximal tubule epithelial cells. <i>Kidney International</i> , <b>2007</b> , 71, 994-1000	9.9	21
72	Control of blood pressure and risk of mortality in a cohort of older adults: the Berlin Initiative Study. <i>European Heart Journal</i> , <b>2019</b> , 40, 2021-2028	9.5	20
71	Endothelium and vascular smooth muscle cells in the context of uremia. <i>Seminars in Dialysis</i> , <b>2009</b> , 22, 428-32	2.5	20
70	Tacrolimus in the treatment of idiopathic nephrotic syndrome. <i>Expert Opinion on Investigational Drugs</i> , <b>2007</b> , 16, 1099-110	5.9	20
69	Captopril and quinapril reduce reactive oxygen species. <i>European Journal of Clinical Investigation</i> , <b>2002</b> , 32, 732-7	4.6	20
68	Research Models for Studying Vascular Calcification. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	19
67	Differential effects of cyclosporine and tacrolimus on arterial function. <i>Transplant International</i> , <b>2011</b> , 24, 708-15	3	19
66	Use of a nutrition support protocol to increase enteral nutrition delivery in critically ill patients. <i>American Journal of Critical Care</i> , <b>2014</b> , 23, 396-403	1.7	18
65	The endothelium-derived contracting factor uridine adenosine tetraphosphate induces P2Y(2)-mediated pro-inflammatory signaling by monocyte chemoattractant protein-1 formation. <i>Journal of Molecular Medicine</i> , <b>2011</b> , 89, 799-810	5.5	18
64	High density lipoprotein (HDL) particles from end-stage renal disease patients are defective in promoting reverse cholesterol transport. <i>Scientific Reports</i> , <b>2017</b> , 7, 41481	4.9	17
63	Phosphorylation of the immunomodulator FTY720 inhibits programmed cell death of fibroblasts via the S1P3 receptor subtype and Bcl-2 activation. <i>Cellular Physiology and Biochemistry</i> , <b>2010</b> , 26, 67-78 <sup>3.9</sup>	3.9	17
62	Selective agonism of group I P2X receptors by dinucleotides dependent on a single adenine moiety. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2001</b> , 299, 131-6	4.7	17
61	Dysfunctional high-density lipoprotein activates toll-like receptors via serum amyloid A in vascular smooth muscle cells. <i>Scientific Reports</i> , <b>2019</b> , 9, 3421	4.9	16
60	The cardiovascular phenotype of adult patients with phenylketonuria. <i>Orphanet Journal of Rare Diseases</i> , <b>2019</b> , 14, 213	4.2	15

59	The enzymatic activity of the VEGFR2 receptor for the biosynthesis of dinucleoside polyphosphates. <i>Journal of Molecular Medicine</i> , <b>2013</b> , 91, 1095-107	5.5	15
58	Effects of a single intravitreal injection of aflibercept and ranibizumab on glomeruli of monkeys. <i>PLoS ONE</i> , <b>2014</b> , 9, e113701	3.7	15
57	Anti-VEGF Drugs in Eye Diseases: Local Therapy with Potential Systemic Effects. <i>Current Pharmaceutical Design</i> , <b>2015</b> , 21, 3548-56	3.3	15
56	Regulation of endothelial nitric oxide synthase activation in endothelial cells by S1P1 and S1P3. <i>Biochemical and Biophysical Research Communications</i> , <b>2016</b> , 476, 627-634	3.4	15
55	P2Y purinoceptors as potential emerging therapeutical target in vascular disease. <i>Current Pharmaceutical Design</i> , <b>2012</b> , 18, 6169-80	3.3	14
54	The impact of FTY720 (fingolimod) on vasodilatory function and arterial elasticity in renal transplant patients. <i>Nephrology Dialysis Transplantation</i> , <b>2007</b> , 22, 2354-8	4.3	14
53	Altered apolipoprotein A-V expression during the acute phase response is independent of plasma triglyceride levels in mice and humans. <i>Biochemical and Biophysical Research Communications</i> , <b>2006</b> , 339, 833-9	3.4	14
52	Time-dependent effects of cadaveric renal transplantation on arterial compliance in patients with end-stage renal disease. <i>Transplantation</i> , <b>2006</b> , 81, 1410-4	1.8	14
51	Xanthine Oxidase and its Role as Target in Cardiovascular Disease: Cardiovascular Protection by Enzyme Inhibition?. <i>Current Pharmaceutical Design</i> , <b>2017</b> , 23, 3391-3404	3.3	14
50	Oscillometric assessment of arterial stiffness in everyday clinical practice. <i>Hypertension Research</i> , <b>2017</b> , 40, 140-145	4.7	13
49	Increased type IIA secretory phospholipase A(2) expression contributes to oxidative stress in end-stage renal disease. <i>Journal of Molecular Medicine</i> , <b>2010</b> , 88, 75-83	5.5	13
48	Characterization of p-hydroxy-hippuric acid as an inhibitor of Ca <sup>2+</sup> -ATPase in end-stage renal failure. <i>Kidney International</i> , <b>2001</b> , 78, S84-8	9.9	13
47	Efficacy and tolerability of angiotensin II type 1 receptor antagonists in dialysis patients using AN69 dialysis membranes. <i>Kidney and Blood Pressure Research</i> , <b>2001</b> , 24, 71-4	3.1	13
46	In times of tobacco-free nicotine consumption: The influence of nicotine on vascular calcification. <i>European Journal of Clinical Investigation</i> , <b>2019</b> , 49, e13077	4.6	12
45	Self-reported medication in community-dwelling older adults in Germany: results from the Berlin Initiative Study. <i>BMC Geriatrics</i> , <b>2020</b> , 20, 22	4.1	11
44	High-urgency kidney transplantation in the Eurotransplant Kidney Allocation System: success or waste of organs? The Eurotransplant 15-year all-centre survey. <i>Nephrology Dialysis Transplantation</i> , <b>2016</b> , 31, 1515-22	4.3	11
43	In vivo TLR9 inhibition attenuates CpG-induced myocardial dysfunction. <i>Mediators of Inflammation</i> , <b>2013</b> , 2013, 217297	4.3	11
42	The impact of pulse pressure on the accuracy of wrist blood pressure measurement. <i>Journal of Human Hypertension</i> , <b>2009</b> , 23, 391-5	2.6	11

41	Using a three-compartment model improves the estimation of iohexol clearance to assess glomerular filtration rate. <i>Scientific Reports</i> , <b>2018</b> , 8, 17723	4.9	11
40	Adolescent health in rural Ghana: A cross-sectional study on the co-occurrence of infectious diseases, malnutrition and cardio-metabolic risk factors. <i>PLoS ONE</i> , <b>2017</b> , 12, e0180436	3.7	10
39	Myalgic Encephalomyelitis/Chronic Fatigue Syndrome: Efficacy of Repeat Immunoadsorption. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	10
38	High-flux hemodialysis after administering high-dose methotrexate in a patient with posttransplant lymphoproliferative disease and impaired renal function. <i>Clinical Case Reports (discontinued)</i> , <b>2015</b> , 3, 932-6	0.7	9
37	Relevance of sphingolipids in the pleiotropic protective effects of high-density lipoproteins. <i>Current Pharmaceutical Design</i> , <b>2010</b> , 16, 1468-79	3.3	8
36	Harmful effects of the azathioprine metabolite 6-mercaptopurine in vascular cells: induction of mineralization. <i>PLoS ONE</i> , <b>2014</b> , 9, e101709	3.7	8
35	In utero exposure to malaria is associated with metabolic traits in adolescence: The Agogo 2000 birth cohort study. <i>Journal of Infection</i> , <b>2017</b> , 75, 455-463	18.9	7
34	Etoposide Upregulates Survival Favoring Sphingosine-1-Phosphate in Etoposide-Resistant Retinoblastoma Cells. <i>Pathology and Oncology Research</i> , <b>2019</b> , 25, 391-399	2.6	7
33	Comparability of Plasma Iohexol Clearance Across Population-Based Cohorts. <i>American Journal of Kidney Diseases</i> , <b>2020</b> , 76, 54-62	7.4	6
32	Renal denervation for refractory hypertension - technical aspects, complications and radiation exposure. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , <b>2013</b> , 185, 550-7	2.3	5
31	High-density lipoprotein: structural and functional changes under uremic conditions and the therapeutic consequences. <i>Handbook of Experimental Pharmacology</i> , <b>2015</b> , 224, 423-53	3.2	5
30	Kidney Function as Risk Factor and Predictor of Cardiovascular Outcomes and Mortality Among Older Adults. <i>American Journal of Kidney Diseases</i> , <b>2021</b> , 77, 386-396.e1	7.4	5
29	A Novel Long-Term ex vivo Model for Studying Vascular Calcification Pathogenesis: The Rat Isolated-Perfused Aorta. <i>Journal of Vascular Research</i> , <b>2020</b> , 57, 46-52	1.9	4
28	Central blood pressure assessment using oscillometry is feasible for everyday clinical practice. <i>Journal of Human Hypertension</i> , <b>2016</b> , 30, 737-741	2.6	4
27	Quantitative Time-Harmonic Ultrasound Elastography of the Abdominal Aorta and Inferior Vena Cava. <i>Ultrasound in Medicine and Biology</i> , <b>2019</b> , 45, 2349-2355	3.5	3
26	Noninvasive oscillometric cardiac output determination in the intensive care unit - comparison with invasive transpulmonary thermodilution. <i>Scientific Reports</i> , <b>2017</b> , 7, 9997	4.9	3
25	Identification of a potent endothelium-derived angiogenic factor. <i>PLoS ONE</i> , <b>2013</b> , 8, e68575	3.7	3
24	Acid sphingomyelinase promotes SGK1-dependent vascular calcification. <i>Clinical Science</i> , <b>2021</b> , 135, 515-534	6.34	3



23	Long-Term Results up to 12 Months After Catheter-Based Alcohol-Mediated Renal Denervation for Treatment of Resistant Hypertension. <i>Circulation: Cardiovascular Interventions</i> , <b>2021</b> , 14, e010075	6	3
22	Comparison of two blood pressure oscillometric devices: Datascope Accutorr Plus and Mobil-O-Graph PWA and conversion of blood pressure values from one device to the other. <i>Blood Pressure Monitoring</i> , <b>2020</b> , 25, 42-49	1.3	2
21	New Hypertension Guidelines: Progression or a Step Backwards in Hypertension?. <i>Current Hypertension Reports</i> , <b>2015</b> , 17, 49	4.7	2
20	ELEVATE: an innovative study design to assess the efficacy, safety, and evolution of cardiovascular parameters in de novo kidney transplant recipients after early conversion from a calcineurin inhibitor to everolimus. <i>Open Access Journal of Clinical Trials</i> , <b>2014</b> , 17	1.5	2
19	CoenzymeA glutathione disulfide is a potent modulator of angiotensin II-induced vasoconstriction. <i>American Journal of Hypertension</i> , <b>2001</b> , 14, 164-8	2.3	2
18	Iohexol plasma clearance for measuring glomerular filtration rate: effect of different ways to calculate the area under the curve. <i>BMC Nephrology</i> , <b>2021</b> , 22, 166	2.7	2
17	Predictors for success in renal denervation-a single centre retrospective analysis. <i>Scientific Reports</i> , <b>2018</b> , 8, 15505	4.9	2
16	A Novel Protocol for Detection of Senescence and Calcification Markers by Fluorescence Microscopy. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	1
15	Group IIA Secretary Phospholipase A Predicts Graft Failure and Mortality in Renal Transplant Recipients by Mediating Decreased Kidney Function. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	1
14	Answer to the letter. Comparison between a Mobil-O-Graph and a SphygmoCor device for central systolic blood pressure estimation. <i>Blood Pressure Monitoring</i> , <b>2012</b> , 17, 260-261	1.3	1
13	Comparison of glomerular filtration rate (GFR) with Tc-99m-DTPA and tubular extraction rate (TER) with Tc-99m-MAG3 in potential living kidney donors: Feasibility of a one-day protocol. <i>Nuklearmedizin - NuclearMedicine</i> , <b>2019</b> , 58, 460-469	1.8	1
12	True Arterial Stiffness Does Not Change between Dialysis Sessions during 1 Week in Outpatients on Intermittent Hemodialysis. <i>Kidney and Blood Pressure Research</i> , <b>2020</b> , 45, 51-60	3.1	1
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