

# Markus van der Giet

## List of Publications by Year in descending order

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150  
papers

9,492  
citations

53794

45  
h-index

39675

94  
g-index

164  
all docs

164  
docs citations

164  
times ranked

9744  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prevention of Radiographic-Contrast-Agent-Induced Reductions in Renal Function by Acetylcysteine. <i>New England Journal of Medicine</i> , 2000, 343, 180-184.	27.0	1,589
2	HDL induces NO-dependent vasorelaxation via the lysophospholipid receptor S1P3. <i>Journal of Clinical Investigation</i> , 2004, 113, 569-581.	8.2	544
3	Two Novel Equations to Estimate Kidney Function in Persons Aged 70 Years or Older. <i>Annals of Internal Medicine</i> , 2012, 157, 471.	3.9	487
4	The Antioxidant Acetylcysteine Reduces Cardiovascular Events in Patients With End-Stage Renal Failure. <i>Circulation</i> , 2003, 107, 992-995.	1.6	345
5	A new oscillometric method for pulse wave analysis: comparison with a common tonometric method. <i>Journal of Human Hypertension</i> , 2010, 24, 498-504.	2.2	313
6	HDL induces NO-dependent vasorelaxation via the lysophospholipid receptor S1P3. <i>Journal of Clinical Investigation</i> , 2004, 113, 569-581.	8.2	265
7	Validation of the mobil-O-Graph: 24-h blood pressure measurement device. <i>Blood Pressure Monitoring</i> , 2010, 15, 225-228.	0.8	212
8	Diadenosine phosphates and the physiological control of blood pressure. <i>Nature</i> , 1994, 367, 186-188.	27.8	202
9	CKD: A Call for an Age-Adapted Definition. <i>Journal of the American Society of Nephrology: JASN</i> , 2019, 30, 1785-1805.	6.1	198
10	Serum Amyloid A in Uremic HDL Promotes Inflammation. <i>Journal of the American Society of Nephrology: JASN</i> , 2012, 23, 934-947.	6.1	194
11	Design and Testing of $\beta$ -Actin Primers for RT-PCR that Do Not Co-amplify Processed Pseudogenes. <i>BioTechniques</i> , 1997, 23, 456-460.	1.8	178
12	Oscillometric estimation of central blood pressure. <i>Blood Pressure Monitoring</i> , 2012, 17, 128-131.	0.8	169
13	Mass-Spectrometric Identification of a Novel Angiotensin Peptide in Human Plasma. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 297-302.	2.4	165
14	Central arteriovenous anastomosis for the treatment of patients with uncontrolled hypertension (the ROX CONTROL HTN study): a randomised controlled trial. <i>Lancet</i> , The, 2015, 385, 1634-1641.	13.7	155
15	The Sphingosine-1-Phosphate Analogue FTY720 Reduces Atherosclerosis in Apolipoprotein E-Deficient Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 607-613.	2.4	152
16	Uridine adenosine tetraphosphate: a novel endothelium-derived vasoconstrictive factor. <i>Nature Medicine</i> , 2005, 11, 223-227.	30.7	147
17	HDL-Associated Lysosphingolipids Inhibit NAD(P)H Oxidase-Dependent Monocyte Chemoattractant Protein-1 Production. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 1542-1548.	2.4	136
18	Erythrocytes serve as a reservoir for cellular and extracellular sphingosine 1-phosphate. <i>Journal of Cellular Biochemistry</i> , 2010, 109, 1232-1243.	2.6	122

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19	High-density lipoprotein loses its anti-inflammatory capacity by accumulation of pro-inflammatory-serum amyloid A. <i>Cardiovascular Research</i> , 2012, 94, 154-162.	3.8	122
20	Immunomodulator FTY720 Induces eNOS-Dependent Arterial Vasodilatation via the Lysophospholipid Receptor S1P3. <i>Circulation Research</i> , 2005, 96, 913-920.	4.5	116
21	Myeloperoxidase and serum amyloid A contribute to impaired in vivo reverse cholesterol transport during the acute phase response but not group IIA secretory phospholipase A2. <i>Journal of Lipid Research</i> , 2010, 51, 743-754.	4.2	116
22	High-Density Lipoprotein Stimulates Myocardial Perfusion In Vivo. <i>Circulation</i> , 2004, 110, 3355-3359.	1.6	103
23	Noninvasive evaluation of renal allograft fibrosis by transient elastography - a pilot study. <i>Transplant International</i> , 2010, 23, 871-7.	1.6	101
24	Chronic norovirus infection in renal transplant recipients. <i>Nephrology Dialysis Transplantation</i> , 2008, 24, 1051-1053.	0.7	89
25	Immunomodulator FTY720 Induces Myofibroblast Differentiation via the Lysophospholipid Receptor S1P3 and Smad3 Signaling. <i>American Journal of Pathology</i> , 2007, 170, 281-292.	3.8	85
26	Arteriosclerosis and vascular calcification: causes, clinical assessment and therapy. <i>European Journal of Clinical Investigation</i> , 2015, 45, 976-985.	3.4	85
27	Expression of inducible nitric oxide synthase in placenta of women with gestational diabetes. <i>FASEB Journal</i> , 1996, 10, 777-784.	0.5	73
28	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> , 2007, 30, 240-247.	2.0	73
29	Alcohol-Mediated Renal Denervation Using the Peregrine System Infusion Catheter for Treatment of Hypertension. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 471-484.	2.9	73
30	Early Conversion From Calcineurin Inhibitor- to Everolimus-Based Therapy Following Kidney Transplantation: Results of the Randomized ELEVATE Trial. <i>American Journal of Transplantation</i> , 2017, 17, 1853-1867.	4.7	68
31	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> , 2020, 31, 1602-1615.	6.1	68
32	Interaction of human serum albumin with short polyelectrolytes: a study by calorimetry and computer simulations. <i>Soft Matter</i> , 2015, 11, 4630-4639.	2.7	64
33	Effect of the venous catheter site on transpulmonary thermodilution measurement variables. <i>Critical Care Medicine</i> , 2007, 35, 783-786.	0.9	63
34	Pharmacological relevance and potential of sphingosine 1-phosphate in the vascular system. <i>British Journal of Pharmacology</i> , 2011, 163, 1140-1162.	5.4	61
35	Dinucleoside polyphosphates: strong endogenous agonists of the purinergic system. <i>British Journal of Pharmacology</i> , 2009, 157, 1142-1153.	5.4	60
36	Differential effects of diadenosine phosphates on purinoceptors in the rat isolated perfused kidney. <i>British Journal of Pharmacology</i> , 1997, 120, 1453-1460.	5.4	56

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37	Scavenger Receptor BI-mediated Selective Uptake Is Required for the Remodeling of High Density Lipoprotein by Endothelial Lipase. <i>Journal of Biological Chemistry</i> , 2009, 284, 6093-6100.	3.4	56
38	Control of blood pressure and risk of mortality in a cohort of older adults: the Berlin Initiative Study. <i>European Heart Journal</i> , 2019, 40, 2021-2028.	2.2	54
39	Prevalence of reduced kidney function and albuminuria in older adults: the Berlin Initiative Study. <i>Nephrology Dialysis Transplantation</i> , 2017, 32, gfw079.	0.7	52
40	Angiotensin-(1-7) Inhibits Angiotensin II-Induced Signal Transduction. <i>Journal of Cardiovascular Pharmacology</i> , 2002, 40, 693-700.	1.9	50
41	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> , 2010, 25, 203-210.	5.7	50
42	HDL function is impaired in acute myocardial infarction independent of plasma HDL cholesterol levels. <i>Journal of Clinical Lipidology</i> , 2016, 10, 1318-1328.	1.5	50
43	Identification and Quantification of Diadenosine Polyphosphate Concentrations in Human Plasma. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003, 23, 1231-1238.	2.4	49
44	Increased plasma phenylacetic acid in patients with end-stage renal failure inhibits iNOS expression. <i>Journal of Clinical Investigation</i> , 2003, 112, 256-264.	8.2	49
45	Identification and characterization of diadenosine 5â€™,5â€™-â€™P 1 , P 2 -diphosphate and diadenosine 5â€™,5â€™-â€™P 1 , P 3 -triphosphate in human myocardial tissue. <i>FASEB Journal</i> , 1999, 13, 695-705.	0.5	47
46	Adenosine(5') oligophospho-(5') guanosines and guanosine(5') oligophospho-(5') guanosines in human platelets.. <i>Journal of Clinical Investigation</i> , 1998, 101, 682-688.	8.2	47
47	Increased Uridine Adenosine Tetraphosphate Concentrations in Plasma of Juvenile Hypertensives. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007, 27, 1776-1781.	2.4	46
48	Transient Receptor Potential Vanilloid 4 and Serum Glucocorticoid-â€™regulated Kinase 1 Are Critical Mediators of Lung Injury in Overventilated Mice <i>In Vivo</i> . <i>Anesthesiology</i> , 2017, 126, 300-311.	2.5	46
49	Central Iliac Arteriovenous Anastomosis for Uncontrolled Hypertension. <i>Hypertension</i> , 2017, 70, 1099-1105.	2.7	44
50	Identification and Characterization of P 1 , P 7-Di(adenosine-5â€™)-heptaphosphate from Human Platelets. <i>Journal of Biological Chemistry</i> , 1999, 274, 23926-23931.	3.4	42
51	Increased vascular growth in hemodialysis patients induced by platelet-derived diadenosine polyphosphates. <i>Kidney International</i> , 2001, 59, 1134-1141.	5.2	41
52	The cardiovascular effects of upper-limb aerobic exercise in hypertensive patients. <i>Journal of Hypertension</i> , 2008, 26, 1336-1342.	0.5	41
53	Endothelial dysfunction in cold-induced hypertensive rats. <i>American Journal of Hypertension</i> , 2002, 15, 176-180.	2.0	39
54	Beta-blockers do not impair the cardiovascular benefits of endurance training in hypertensives. <i>Journal of Human Hypertension</i> , 2007, 21, 486-493.	2.2	38

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55	Angioprotectin: an angiotensin II-like peptide causing vasodilatory effects. <i>FASEB Journal</i> , 2011, 25, 2987-2995.	0.5	38
56	Dinucleotides as Growth-promoting Extracellular Mediators. <i>Journal of Biological Chemistry</i> , 2001, 276, 8904-8909.	3.4	36
57	Arrestin-Independent Internalization and Recycling of the Urotensin Receptor Contribute to Long-Lasting Urotensin II-Mediated Vasoconstriction. <i>Circulation Research</i> , 2005, 97, 707-715.	4.5	36
58	Cardiorenovascular effects of urotensin II and the relevance of the UT receptor. <i>Peptides</i> , 2008, 29, 743-763.	2.4	36
59	The uraemic toxin phenylacetic acid impairs macrophage function. <i>Nephrology Dialysis Transplantation</i> , 2008, 23, 3485-3493.	0.7	36
60	Cystatin C standardization decreases assay variation and improves assessment of glomerular filtration rate. <i>Clinica Chimica Acta</i> , 2016, 456, 115-121.	1.1	36
61	The uraemic toxin phenylacetic acid increases the formation of reactive oxygen species in vascular smooth muscle cells. <i>Nephrology Dialysis Transplantation</i> , 2007, 23, 65-71.	0.7	34
62	Calcineurin inhibitor sparing regimens using m-target of rapamycin inhibitors: an opportunity to improve cardiovascular risk following kidney transplantation?. <i>Transplant International</i> , 2011, 24, 30-42.	1.6	34
63	The role of serum amyloid A and sphingosine-1-phosphate on high-density lipoprotein functionality. <i>Biological Chemistry</i> , 2015, 396, 573-583.	2.5	34
64	Iohexol plasma clearance measurement in older adults with chronic kidney disease—sampling time matters. <i>Nephrology Dialysis Transplantation</i> , 2015, 30, 1307-1314.	0.7	34
65	Research Models for Studying Vascular Calcification. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2204.	4.1	34
66	Intraoperative Assessment of Kidney Allograft Perfusion by Laser-Assisted Indocyanine Green Fluorescence Videography. <i>Transplantation Proceedings</i> , 2010, 42, 1526-1530.	0.6	33
67	Uridine adenosine tetraphosphate activation of the purinergic receptor P2Y enhances in vitro vascular calcification. <i>Kidney International</i> , 2012, 81, 256-265.	5.2	33
68	The cardiovascular phenotype of adult patients with phenylketonuria. <i>Orphanet Journal of Rare Diseases</i> , 2019, 14, 213.	2.7	33
69	Convenience of ambulatory blood pressure monitoring: comparison of different devices. <i>Blood Pressure Monitoring</i> , 2005, 10, 239-242.	0.8	32
70	Validation of the Stabil-O-Graph blood pressure self-measurement device. <i>Journal of Human Hypertension</i> , 2008, 22, 233-235.	2.2	30
71	Differential effects of uridine adenosine tetraphosphate on purinoceptors in the rat isolated perfused kidney. <i>British Journal of Pharmacology</i> , 2010, 161, 530-540.	5.4	30
72	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> , 2012, 417, 1035-1040.	2.1	30

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73	Prophylaxis of Recurrent Urinary Tract Infection After Renal Transplantation by Cranberry Juice and L-Methionine. <i>Transplantation Proceedings</i> , 2012, 44, 3017-3021.	0.6	30
74	High-Performance Liquid Chromatographic Assay of the Diadenosine Polyphosphates in Human Platelets. <i>Analytical Biochemistry</i> , 1999, 269, 72-78.	2.4	29
75	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> , 2005, 46, 591-597.	2.7	27
76	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> , 2012, 53, 348-357.	4.2	26
77	Effects of a Single Intravitreal Injection of Aflibercept and Ranibizumab on Glomeruli of Monkeys. <i>PLoS ONE</i> , 2014, 9, e113701.	2.5	26
78	Tacrolimus in the treatment of idiopathic nephrotic syndrome. <i>Expert Opinion on Investigational Drugs</i> , 2007, 16, 1099-1110.	4.1	25
79	Sphingosine-1-phosphate and FTY720 as anti-atherosclerotic lipid compounds. <i>European Journal of Clinical Investigation</i> , 2007, 37, 171-179.	3.4	25
80	High density lipoprotein (HDL) particles from end-stage renal disease patients are defective in promoting reverse cholesterol transport. <i>Scientific Reports</i> , 2017, 7, 41481.	3.3	25
81	Evidence for two different P2X <sub>2</sub> receptors mediating vasoconstriction of Ap5 A and Ap6 A in the isolated perfused rat kidney. <i>British Journal of Pharmacology</i> , 1999, 127, 1463-1469.	5.4	24
82	PROGRESS IN UREMIC TOXIN RESEARCH: Endothelium and Vascular Smooth Muscle Cells in the Context of Uremia. <i>Seminars in Dialysis</i> , 2009, 22, 428-432.	1.3	24
83	Differential effects of cyclosporine and tacrolimus on arterial function. <i>Transplant International</i> , 2011, 24, 708-715.	1.6	24
84	Myalgic Encephalomyelitis/Chronic Fatigue Syndrome: Efficacy of Repeat Immunoabsorption. <i>Journal of Clinical Medicine</i> , 2020, 9, 2443.	2.4	24
85	Anti-VEGF Drugs in Eye Diseases: Local Therapy with Potential Systemic Effects. <i>Current Pharmaceutical Design</i> , 2015, 21, 3548-3556.	1.9	23
86	Paracrine stimulation of vascular smooth muscle proliferation by diadenosine polyphosphates released from proximal tubule epithelial cells. <i>Kidney International</i> , 2007, 71, 994-1000.	5.2	22
87	Use of a Nutrition Support Protocol to Increase Enteral Nutrition Delivery in Critically Ill Patients. <i>American Journal of Critical Care</i> , 2014, 23, 396-403.	1.6	22
88	Dysfunctional high-density lipoprotein activates toll-like receptors via serum amyloid A in vascular smooth muscle cells. <i>Scientific Reports</i> , 2019, 9, 3421.	3.3	22
89	Kidney Function as Risk Factor and Predictor of Cardiovascular Outcomes and Mortality Among Older Adults. <i>American Journal of Kidney Diseases</i> , 2021, 77, 386-396.e1.	1.9	22
90	Oscillometric assessment of arterial stiffness in everyday clinical practice. <i>Hypertension Research</i> , 2017, 40, 140-145.	2.7	21

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91	In times of tobacco-free nicotine consumption: The influence of nicotine on vascular calcification. <i>European Journal of Clinical Investigation</i> , 2019, 49, e13077.	3.4	21
92	Captopril and quinapril reduce reactive oxygen species. <i>European Journal of Clinical Investigation</i> , 2002, 32, 732-737.	3.4	20
93	The endothelium-derived contracting factor uridine adenosine tetraphosphate induces P2Y2-mediated pro-inflammatory signaling by monocyte chemoattractant protein-1 formation. <i>Journal of Molecular Medicine</i> , 2011, 89, 799-810.	3.9	20
94	Self-reported medication in community-dwelling older adults in Germany: results from the Berlin Initiative Study. <i>BMC Geriatrics</i> , 2020, 20, 22.	2.7	19
95	Xanthine Oxidase and its Role as Target in Cardiovascular Disease: Cardiovascular Protection by Enzyme Inhibition?. <i>Current Pharmaceutical Design</i> , 2017, 23, 3391-3404.	1.9	19
96	Phosphorylation of the Immunomodulator FTY720 Inhibits Programmed Cell Death of Fibroblasts Via the S1P <sub>3</sub> Receptor Subtype and Bcl-2 Activation. <i>Cellular Physiology and Biochemistry</i> , 2010, 26, 67-78.	1.6	18
97	Selective agonism of group I P2X receptors by dinucleotides dependent on a single adenine moiety. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2001, 299, 131-6.	2.5	18
98	The enzymatic activity of the VEGFR2 receptor for the biosynthesis of dinucleoside polyphosphates. <i>Journal of Molecular Medicine</i> , 2013, 91, 1095-1107.	3.9	17
99	Regulation of endothelial nitric oxide synthase activation in endothelial cells by S1P1 and S1P3. <i>Biochemical and Biophysical Research Communications</i> , 2016, 476, 627-634.	2.1	17
100	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> , 2006, 339, 833-839.	2.1	16
101	The impact of FTY720 (fingolimod) on vasodilatory function and arterial elasticity in renal transplant patients. <i>Nephrology Dialysis Transplantation</i> , 2007, 22, 2354-2358.	0.7	16
102	Using a three-compartment model improves the estimation of iohexol clearance to assess glomerular filtration rate. <i>Scientific Reports</i> , 2018, 8, 17723.	3.3	16
103	Characterization of p-hydroxy-hippuric acid as an inhibitor of Ca <sup>2+</sup> -ATPase in end-stage renal failure. <i>Kidney International</i> , 2001, 59, S84-S88.	5.2	15
104	Time-Dependent Effects of Cadaveric Renal Transplantation on Arterial Compliance in Patients with End-Stage Renal Disease. <i>Transplantation</i> , 2006, 81, 1410-1414.	1.0	15
105	P2Y Purinoceptors as Potential Emerging Therapeutical Target in Vascular Disease. <i>Current Pharmaceutical Design</i> , 2012, 18, 6169-6180.	1.9	15
106	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> , 2017, 12, e0180436.	2.5	15
107	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> , 2015, 3, 932-936.	0.5	14
108	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> , 2016, 31, 1515-1522.	0.7	14



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109	Efficacy and Tolerability of Angiotensin II Type 1 Receptor Antagonists in Dialysis Patients Using AN69 Dialysis Membranes. <i>Kidney and Blood Pressure Research</i> , 2001, 24, 71-74.	2.0	13
110	The impact of pulse pressure on the accuracy of wrist blood pressure measurement. <i>Journal of Human Hypertension</i> , 2009, 23, 391-395.	2.2	13
111	Increased type IIA secretory phospholipase A2 expression contributes to oxidative stress in end-stage renal disease. <i>Journal of Molecular Medicine</i> , 2010, 88, 75-83.	3.9	13
112	Harmful Effects of the Azathioprine Metabolite 6-Mercaptopurine in Vascular Cells: Induction of Mineralization. <i>PLoS ONE</i> , 2014, 9, e101709.	2.5	13
113	In Vivo TLR9 Inhibition Attenuates CpG-Induced Myocardial Dysfunction. <i>Mediators of Inflammation</i> , 2013, 2013, 1-9.	3.0	11
114	Relevance of Sphingolipids in the Pleiotropic Protective Effects of High-Density Lipoproteins. <i>Current Pharmaceutical Design</i> , 2010, 16, 1468-1479.	1.9	10
115	In utero exposure to malaria is associated with metabolic traits in adolescence: The Agogo 2000 birth cohort study. <i>Journal of Infection</i> , 2017, 75, 455-463.	3.3	10
116	Predictors for success in renal denervation—a single centre retrospective analysis. <i>Scientific Reports</i> , 2018, 8, 15505.	3.3	9
117	Acid sphingomyelinase promotes SGK1-dependent vascular calcification. <i>Clinical Science</i> , 2021, 135, 515-534.	4.3	9
118	Comparability of Plasma Iohexol Clearance Across Population-Based Cohorts. <i>American Journal of Kidney Diseases</i> , 2020, 76, 54-62.	1.9	9
119	Stressor-Induced Inflammation of Vascular Smooth Muscle Cells via Nlrp3-Mediated Pro-inflammatory Auto-Loop. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 752305.	2.4	9
120	Vascular Calcification in Rodent Models—Keeping Track with an Extended Method Assortment. <i>Biology</i> , 2021, 10, 459.	2.8	8
121	Long-Term Results up to 12 Months After Catheter-Based Alcohol-Mediated Renal Denervation for Treatment of Resistant Hypertension. <i>Circulation: Cardiovascular Interventions</i> , 2021, 14, e010075.	3.9	8
122	Etoposide Upregulates Survival Favoring Sphingosine-1-Phosphate in Etoposide-Resistant Retinoblastoma Cells. <i>Pathology and Oncology Research</i> , 2019, 25, 391-399.	1.9	7
123	High-Density Lipoprotein: Structural and Functional Changes Under Uremic Conditions and the Therapeutic Consequences. <i>Handbook of Experimental Pharmacology</i> , 2015, 224, 423-453.	1.8	7
124	Renal Denervation for Refractory Hypertension - Technical Aspects, Complications and Radiation Exposure. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2013, 185, 550-557.	1.3	6
125	A Novel Protocol for Detection of Senescence and Calcification Markers by Fluorescence Microscopy. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3475.	4.1	6
126	Cardiac Surgery—Related Acute Kidney Injury _ Risk Factors, Clinical Course, Management Suggestions. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2022, 36, 444-451.	1.3	6



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127	Iohexol plasma clearance for measuring glomerular filtration rate: effect of different ways to calculate the area under the curve. <i>BMC Nephrology</i> , 2021, 22, 166.	1.8	6
128	Increased vascular growth in hemodialysis patients induced by platelet-derived diadenosine polyphosphates. <i>Kidney International</i> , 2001, 59, 1134-1141.	5.2	6
129	New Hypertension Guidelines: Progression or a Step Backwards in Hypertension?. <i>Current Hypertension Reports</i> , 2015, 17, 49.	3.5	5
130	Quantitative Time-Harmonic Ultrasound Elastography of the Abdominal Aorta and Inferior Vena Cava. <i>Ultrasound in Medicine and Biology</i> , 2019, 45, 2349-2355.	1.5	5
131	Central blood pressure assessment using oscillometry is feasible for everyday clinical practice. <i>Journal of Human Hypertension</i> , 2016, 30, 737-741.	2.2	4
132	Noninvasive oscillometric cardiac output determination in the intensive care unit – comparison with invasive transpulmonary thermodilution. <i>Scientific Reports</i> , 2017, 7, 9997.	3.3	4
133	A Novel Long-Term ex vivo Model for Studying Vascular Calcification Pathogenesis: The Rat Isolated-Perfused Aorta. <i>Journal of Vascular Research</i> , 2020, 57, 46-52.	1.4	4
134	Long-Term Treatment of Azathioprine in Rats Induces Vessel Mineralization. <i>Biomedicines</i> , 2021, 9, 327.	3.2	4
135	Identification of a Potent Endothelium-Derived Angiogenic Factor. <i>PLoS ONE</i> , 2013, 8, e68575.	2.5	3
136	Validation of noninvasive oscillometric blood pressure 2020 up pressure upper arm blood pressure monitoring technology according to the European Society of Hypertension International Protocol revision 2010. <i>Blood Pressure Monitoring</i> , 2019, 24, 99-101.	0.8	3
137	Group IIA Secretory Phospholipase A2 Predicts Graft Failure and Mortality in Renal Transplant Recipients by Mediating Decreased Kidney Function. <i>Journal of Clinical Medicine</i> , 2020, 9, 1282.	2.4	3
138	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> , 2019, 58, 460-469.	0.7	3
139	Control of blood pressure in older patients with heart failure and the risk of mortality: a population-based prospective cohort study. <i>Age and Ageing</i> , 2021, 50, 1173-1181.	1.6	3
140	Coenzyme glutathione disulfide is a potent modulator of angiotensin II-induced vasoconstriction. <i>American Journal of Hypertension</i> , 2001, 14, 164-168.	2.0	2
141	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> , 2014, , 17.	1.5	2
142	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> , 2020, 25, 42-49.	0.8	2
143	Advancement of pharmacokinetic models of iohexol in patients aged 70 years or older with impaired kidney function. <i>Scientific Reports</i> , 2021, 11, 22656.	3.3	2
144	Why HDL cholesterol is 'good cholesterol'. <i>European Journal of Clinical Investigation</i> , 2004, 34, 247-248.	3.4	1

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145	The sphingosine-1-phosphate analogue FTY720 reduces atherosclerosis in apolipoprotein e-deficient mice. <i>Journal of Molecular and Cellular Cardiology</i> , 2007, 42, S224.	1.9	1
146	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> , 2012, 17, 260-261.	0.8	1
147	True Arterial Stiffness Does Not Change between Dialysis Sessions during 1 Week in Outpatients on Intermittent Hemodialysis. <i>Kidney and Blood Pressure Research</i> , 2020, 45, 51-60.	2.0	1
148	Would Oscillometry be Able to Solve the Dilemma of Blood Pressure Independent Pulse Wave Velocity – A Novel Approach Based on Long-Term Pulse Wave Analysis?. <i>Frontiers in Physiology</i> , 2020, 11, 579852.	2.8	1
149	Enhanced specificity due to method specific limits for relative ion intensities in a high-performance liquid chromatography – tandem mass spectrometry method for iohexol in human serum. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020, 58, 709-718.	2.3	1
150	Non-invasive Oscillometry-Based Estimation of Cardiac Output – Can We Use It in Clinical Practice?. <i>Frontiers in Physiology</i> , 2021, 12, 704425.	2.8	0