

Markus van der Giet

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.

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	Advancement of pharmacokinetic models of iohexol in patients aged 70 years or older with impaired kidney function. <i>Scientific Reports</i> , 2021 , 11, 22656	4.9	0
147	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	3	
146	Long-Term Treatment of Azathioprine in Rats Induces Vessel Mineralization. <i>Biomedicines</i> , 2021 , 9,	4.8	1
145	Cardiac Surgery-Related Acute Kidney Injury _ Risk Factors, Clinical Course, Management Suggestions. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021 ,	2.1	1
144	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	2.7	2
143	Vascular Calcification in Rodent Models-Keeping Track with an Extended Method Assortment. <i>Biology</i> , 2021 , 10,	4.9	1
142	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	7.4	5
141	Acid sphingomyelinase promotes SGK1-dependent vascular calcification. <i>Clinical Science</i> , 2021 , 135, 515-534	6.34	3
140	Non-invasive Oscillometry-Based Estimation of Cardiac Output - Can We Use It in Clinical Practice?. <i>Frontiers in Physiology</i> , 2021 , 12, 704425	4.6	
139	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	6	3
138	Stressor-Induced "Inflammaging" of Vascular Smooth Muscle Cells via Nlrp3-Mediated Pro-inflammatory Auto-Loop.. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 752305	5.4	1
137	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	4.6	0
136	A Novel Protocol for Detection of Senescence and Calcification Markers by Fluorescence Microscopy. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	1
135	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 ²²	12.7	22
134	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> , 2020 , 9,	5.1	1
133	Research Models for Studying Vascular Calcification. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	19
132	Self-reported medication in community-dwelling older adults in Germany: results from the Berlin Initiative Study. <i>BMC Geriatrics</i> , 2020 , 20, 22	4.1	11

131	Alcohol-Mediated Renal Denervation Using the Peregrine System Infusion Catheter for Treatment of Hypertension. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 471-484	5	30
130	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	1.3	2
129	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	5.9	0
128	Comparability of Plasma Iohexol Clearance Across Population-Based Cohorts. <i>American Journal of Kidney Diseases</i> , 2020 , 76, 54-62	7.4	6
127	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	1.9	4
126	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	3.1	1
125	Myalgic Encephalomyelitis/Chronic Fatigue Syndrome: Efficacy of Repeat Immunoabsorption. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	10
124	The cardiovascular phenotype of adult patients with phenylketonuria. <i>Orphanet Journal of Rare Diseases</i> , 2019 , 14, 213	4.2	15
123	Quantitative Time-Harmonic Ultrasound Elastography of the Abdominal Aorta and Inferior Vena Cava. <i>Ultrasound in Medicine and Biology</i> , 2019 , 45, 2349-2355	3.5	3
122	Dysfunctional high-density lipoprotein activates toll-like receptors via serum amyloid A in vascular smooth muscle cells. <i>Scientific Reports</i> , 2019 , 9, 3421	4.9	16
121	In times of tobacco-free nicotine consumption: The influence of nicotine on vascular calcification. <i>European Journal of Clinical Investigation</i> , 2019 , 49, e13077	4.6	12
120	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	9.5	20
119	CKD: A Call for an Age-Adapted Definition. <i>Journal of the American Society of Nephrology: JASN</i> , 2019 , 30, 1785-1805	12.7	82
118	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	1.8	1
117	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	1.3	0
116	Etoposide Upregulates Survival Favoring Sphingosine-1-Phosphate in Etoposide-Resistant Retinoblastoma Cells. <i>Pathology and Oncology Research</i> , 2019 , 25, 391-399	2.6	7
115	Using a three-compartment model improves the estimation of iohexol clearance to assess glomerular filtration rate. <i>Scientific Reports</i> , 2018 , 8, 17723	4.9	11
114	Predictors for success in renal denervation-a single centre retrospective analysis. <i>Scientific Reports</i> , 2018 , 8, 15505	4.9	2

113	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	4.9	17
112	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> , 2017 , 126, 300-311	4.3	33
111	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	8.7	46
110	Central Iliac Arteriovenous Anastomosis for Uncontrolled Hypertension: One-Year Results From the ROX CONTROL HTN Trial. <i>Hypertension</i> , 2017 , 70, 1099-1105	8.5	31
109	Noninvasive oscillometric cardiac output determination in the intensive care unit - comparison with invasive transpulmonary thermodilution. <i>Scientific Reports</i> , 2017 , 7, 9997	4.9	3
108	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	18.9	7
107	Oscillometric assessment of arterial stiffness in everyday clinical practice. <i>Hypertension Research</i> , 2017 , 40, 140-145	4.7	13
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	3.7	10
105	Xanthine Oxidase and its Role as Target in Cardiovascular Disease: Cardiovascular Protection by Enzyme Inhibition?. <i>Current Pharmaceutical Design</i> , 2017 , 23, 3391-3404	3.3	14
104	Prevalence of reduced kidney function and albuminuria in older adults: the Berlin Initiative Study. <i>Nephrology Dialysis Transplantation</i> , 2017 , 32, 997-1005	4.3	31
103	HDL function is impaired in acute myocardial infarction independent of plasma HDL cholesterol levels. <i>Journal of Clinical Lipidology</i> , 2016 , 10, 1318-1328	4.9	43
102	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, 1515-22	4.3	11
101	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	3.4	15
100	Cystatin C standardization decreases assay variation and improves assessment of glomerular filtration rate. <i>Clinica Chimica Acta</i> , 2016 , 456, 115-121	6.2	27
99	Central blood pressure assessment using oscillometry is feasible for everyday clinical practice. <i>Journal of Human Hypertension</i> , 2016 , 30, 737-741	2.6	4
98	Iohexol plasma clearance measurement in older adults with chronic kidney disease-sampling time matters. <i>Nephrology Dialysis Transplantation</i> , 2015 , 30, 1307-14	4.3	30
97	Interaction of human serum albumin with short polyelectrolytes: a study by calorimetry and computer simulations. <i>Soft Matter</i> , 2015 , 11, 4630-9	3.6	50
96	Arteriosclerosis and vascular calcification: causes, clinical assessment and therapy. <i>European Journal of Clinical Investigation</i> , 2015 , 45, 976-85	4.6	66

95	New Hypertension Guidelines: Progression or a Step Backwards in Hypertension?. <i>Current Hypertension Reports</i> , 2015 , 17, 49	4.7	2
94	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, 932-6	0.7	9
93	The role of serum amyloid A and sphingosine-1-phosphate on high-density lipoprotein functionality. <i>Biological Chemistry</i> , 2015 , 396, 573-83	4.5	24
92	Central arteriovenous anastomosis for the treatment of patients with uncontrolled hypertension (the ROX CONTROL HTN study): a randomised controlled trial. <i>Lancet, The</i> , 2015 , 385, 1634-41	4.0	121
91	Anti-VEGF Drugs in Eye Diseases: Local Therapy with Potential Systemic Effects. <i>Current Pharmaceutical Design</i> , 2015 , 21, 3548-56	3.3	15
90	High-density lipoprotein: structural and functional changes under uremic conditions and the therapeutic consequences. <i>Handbook of Experimental Pharmacology</i> , 2015 , 224, 423-53	3.2	5
89	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	1.7	18
88	Hypertonie-Update 2014. <i>Der Nephrologe</i> , 2014 , 9, 364-372	0.1	
87	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
86	Harmful effects of the azathioprine metabolite 6-mercaptopurine in vascular cells: induction of mineralization. <i>PLoS ONE</i> , 2014 , 9, e101709	3.7	8
85	Effects of a single intravitreal injection of aflibercept and ranibizumab on glomeruli of monkeys. <i>PLoS ONE</i> , 2014 , 9, e113701	3.7	15
84	The enzymatic activity of the VEGFR2 receptor for the biosynthesis of dinucleoside polyphosphates. <i>Journal of Molecular Medicine</i> , 2013 , 91, 1095-107	5.5	15
83	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, 550-7	2.3	5
82	In vivo TLR9 inhibition attenuates CpG-induced myocardial dysfunction. <i>Mediators of Inflammation</i> , 2013 , 2013, 217297	4.3	11
81	Identification of a potent endothelium-derived angiogenic factor. <i>PLoS ONE</i> , 2013 , 8, e68575	3.7	3
80	Two novel equations to estimate kidney function in persons aged 70 years or older. <i>Annals of Internal Medicine</i> , 2012 , 157, 471-81	8	357
79	Serum amyloid A in uremic HDL promotes inflammation. <i>Journal of the American Society of Nephrology: JASN</i> , 2012 , 23, 934-47	12.7	164
78	Uridine adenosine tetraphosphate (Up4A) is a strong inductor 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, 1035-40	3.4	24

77	Prophylaxis of recurrent urinary tract infection after renal transplantation by cranberry juice and L-methionine. <i>Transplantation Proceedings</i> , 2012 , 44, 3017-21	1.1	23
76	Uridine adenosine tetraphosphate activation of the purinergic receptor P2Y enhances in vitro vascular calcification. <i>Kidney International</i> , 2012 , 81, 256-65	9.9	28
75	Oscillometric estimation of central blood pressure: validation of the Mobil-O-Graph in comparison with the SphygmoCor device. <i>Blood Pressure Monitoring</i> , 2012 , 17, 128-31	1.3	133
74	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	1.3	1
73	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	6.3	24
72	High-density lipoprotein loses its anti-inflammatory capacity by accumulation of pro-inflammatory-serum amyloid A. <i>Cardiovascular Research</i> , 2012 , 94, 154-62	9.9	110
71	P2Y purinoceptors as potential emerging therapeutical target in vascular disease. <i>Current Pharmaceutical Design</i> , 2012 , 18, 6169-80	3.3	14
70	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	3	29
69	Differential effects of cyclosporine and tacrolimus on arterial function. <i>Transplant International</i> , 2011 , 24, 708-15	3	19
68	Pharmacological relevance and potential of sphingosine 1-phosphate in the vascular system. <i>British Journal of Pharmacology</i> , 2011 , 163, 1140-62	8.6	50
67	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> , 2011 , 89, 799-810	5.5	18
66	Angioprotectin: an angiotensin II-like peptide causing vasodilatory effects. <i>FASEB Journal</i> , 2011 , 25, 2987-95	3.9	31
65	Differential effects of uridine adenosine tetraphosphate on purinoceptors in the rat isolated perfused kidney. <i>British Journal of Pharmacology</i> , 2010 , 161, 530-40	8.6	26
64	Noninvasive evaluation of renal allograft fibrosis by transient elastography--a pilot study. <i>Transplant International</i> , 2010 , 23, 871-7	3	75
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> , 2010 , 26, 67-78	3.9	17
62	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> , 2010 , 51, 743-54	6.3	103
61	Intraoperative assessment of kidney allograft perfusion by laser-assisted indocyanine green fluorescence videography. <i>Transplantation Proceedings</i> , 2010 , 42, 1526-30	1.1	25
60	A new oscillometric method for pulse wave analysis: comparison with a common tonometric method. <i>Journal of Human Hypertension</i> , 2010 , 24, 498-504	2.6	257

59	Relevance of sphingolipids in the pleiotropic protective effects of high-density lipoproteins. <i>Current Pharmaceutical Design</i> , 2010 , 16, 1468-79	3.3	8
58	Validation of the mobil-O-Graph: 24 h-blood pressure measurement device. <i>Blood Pressure Monitoring</i> , 2010 , 15, 225-8	1.3	172
57	Increased type IIA secretory phospholipase A(2) expression contributes to oxidative stress in end-stage renal disease. <i>Journal of Molecular Medicine</i> , 2010 , 88, 75-83	5.5	13
56	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, 203-10 ¹	12.1	37
55	Erythrocytes serve as a reservoir for cellular and extracellular sphingosine 1-phosphate. <i>Journal of Cellular Biochemistry</i> , 2010 , 109, 1232-43	4.7	101
54	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, 6093-100	5.4	48
53	The impact of pulse pressure on the accuracy of wrist blood pressure measurement. <i>Journal of Human Hypertension</i> , 2009 , 23, 391-5	2.6	11
52	Endothelium and vascular smooth muscle cells in the context of uremia. <i>Seminars in Dialysis</i> , 2009 , 22, 428-32	2.5	20
51	Dinucleoside polyphosphates: strong endogenous agonists of the purinergic system. <i>British Journal of Pharmacology</i> , 2009 , 157, 1142-53	8.6	51
50	Chronic norovirus infection in renal transplant recipients. <i>Nephrology Dialysis Transplantation</i> , 2009 , 24, 1051-3	4.3	79
49	Cardiorenovascular effects of urotensin II and the relevance of the UT receptor. <i>Peptides</i> , 2008 , 29, 743-53	6.3	34
48	HDL-associated lysosphingolipids inhibit NAD(P)H oxidase-dependent monocyte chemoattractant protein-1 production. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008 , 28, 1542-8	9.4	120
47	The uraemic toxin phenylacetic acid impairs macrophage function. <i>Nephrology Dialysis Transplantation</i> , 2008 , 23, 3485-93	4.3	32
46	Validation of the Stabil-O-Graph blood pressure self-measurement device. <i>Journal of Human Hypertension</i> , 2008 , 22, 233-5	2.6	25
45	The cardiovascular effects of upper-limb aerobic exercise in hypertensive patients. <i>Journal of Hypertension</i> , 2008 , 26, 1336-42	1.9	32
44	The uraemic toxin phenylacetic acid increases the formation of reactive oxygen species in vascular smooth muscle cells. <i>Nephrology Dialysis Transplantation</i> , 2008 , 23, 65-71	4.3	27
43	Sphingosine-1-phosphate and FTY720 as anti-atherosclerotic lipid compounds. <i>European Journal of Clinical Investigation</i> , 2007 , 37, 171-9	4.6	22
42	Mass-spectrometric identification of a novel angiotensin peptide in human plasma. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007 , 27, 297-302	9.4	139

41	The sphingosine-1-phosphate analogue FTY720 reduces atherosclerosis in apolipoprotein E-deficient mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007 , 27, 607-13	9.4	133
40	The impact of FTY720 (fingolimod) on vasodilatory function and arterial elasticity in renal transplant patients. <i>Nephrology Dialysis Transplantation</i> , 2007 , 22, 2354-8	4.3	14
39	Paracrine stimulation of vascular smooth muscle proliferation by diadenosine polyphosphates released from proximal tubule epithelial cells. <i>Kidney International</i> , 2007 , 71, 994-1000	9.9	21
38	Tacrolimus in the treatment of idiopathic nephrotic syndrome. <i>Expert Opinion on Investigational Drugs</i> , 2007 , 16, 1099-110	5.9	20
37	Increased uridine adenosine tetraphosphate concentrations in plasma of juvenile hypertensives. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007 , 27, 1776-81	9.4	42
36	Beta-blockers do not impair the cardiovascular benefits of endurance training in hypertensives. <i>Journal of Human Hypertension</i> , 2007 , 21, 486-93	2.6	32
35	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, 240-7	3.1	64
34	Effect of the venous catheter site on transpulmonary thermodilution measurement variables. <i>Critical Care Medicine</i> , 2007 , 35, 783-6	1.4	58
33	Immunomodulator FTY720 induces myofibroblast differentiation via the lysophospholipid receptor S1P3 and Smad3 signaling. <i>American Journal of Pathology</i> , 2007 , 170, 281-92	5.8	76
32	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, 833-9	3.4	14
31	Time-dependent effects of cadaveric renal transplantation on arterial compliance in patients with end-stage renal disease. <i>Transplantation</i> , 2006 , 81, 1410-4	1.8	14
30	Convenience of ambulatory blood pressure monitoring: comparison of different devices. <i>Blood Pressure Monitoring</i> , 2005 , 10, 239-42	1.3	28
29	Uridine adenosine tetraphosphate: a novel endothelium- derived vasoconstrictive factor. <i>Nature Medicine</i> , 2005 , 11, 223-7	50.5	130
28	Immunomodulator FTY720 Induces eNOS-dependent arterial vasodilatation via the lysophospholipid receptor S1P3. <i>Circulation Research</i> , 2005 , 96, 913-20	15.7	114
27	Arrestin-independent internalization and recycling of the urotensin receptor contribute to long-lasting urotensin II-mediated vasoconstriction. <i>Circulation Research</i> , 2005 , 97, 707-15	15.7	36
26	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, 591-7	8.5	24
25	High-density lipoprotein stimulates myocardial perfusion in vivo. <i>Circulation</i> , 2004 , 110, 3355-9	16.7	96
24	HDL induces NO-dependent vasorelaxation via the lysophospholipid receptor S1P3. <i>Journal of Clinical Investigation</i> , 2004 , 113, 569-81	15.9	191

23	HDL induces NO-dependent vasorelaxation via the lysophospholipid receptor S1P3. <i>Journal of Clinical Investigation</i> , 2004 , 113, 569-581	15.9	487
22	Identification and quantification of diadenosine polyphosphate concentrations in human plasma. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003 , 23, 1231-8	9.4	44
21	The antioxidant acetylcysteine reduces cardiovascular events in patients with end-stage renal failure: a randomized, controlled trial. <i>Circulation</i> , 2003 , 107, 992-5	16.7	302
20	Increased plasma phenylacetic acid in patients with end-stage renal failure inhibits iNOS expression. <i>Journal of Clinical Investigation</i> , 2003 , 112, 256-64	15.9	25
19	Captopril and quinapril reduce reactive oxygen species. <i>European Journal of Clinical Investigation</i> , 2002 , 32, 732-7	4.6	20
18	Angiotensin-(1-7) inhibits angiotensin II-induced signal transduction. <i>Journal of Cardiovascular Pharmacology</i> , 2002 , 40, 693-700	3.1	47
17	Endothelial dysfunction in cold-induced hypertensive rats. <i>American Journal of Hypertension</i> , 2002 , 15, 176-80	2.3	29
16	Increased vascular growth in hemodialysis patients induced by platelet-derived diadenosine polyphosphates. <i>Kidney International</i> , 2001 , 59, 1134-41	9.9	34
15	Characterization of p-hydroxy-hippuric acid as an inhibitor of Ca ²⁺ -ATPase in end-stage renal failure. <i>Kidney International</i> , 2001 , 78, S84-8	9.9	13
14	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> , 2001 , 276, 8904-9	5.4	33
13	CoenzymeA glutathione disulfide is a potent modulator of angiotensin II-induced vasoconstriction. <i>American Journal of Hypertension</i> , 2001 , 14, 164-8	2.3	2
12	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, 71-4	3.1	13
11	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	4.7	17
10	Prevention of radiographic-contrast-agent-induced reductions in renal function by acetylcysteine. <i>New England Journal of Medicine</i> , 2000 , 343, 180-4	59.2	1300
9	Identification and characterization of diadenosine 5R5"RP1,P2 -diphosphate and diadenosine 5R5"RP1,P3-triphosphate in human myocardial tissue. <i>FASEB Journal</i> , 1999 , 13, 695-705	0.9	44
8	Evidence for two different P2X-receptors mediating vasoconstriction of Ap5A and Ap6A in the isolated perfused rat kidney. <i>British Journal of Pharmacology</i> , 1999 , 127, 1463-9	8.6	22
7	High-performance liquid chromatographic assay of the diadenosine polyphosphates in human platelets. <i>Analytical Biochemistry</i> , 1999 , 269, 72-8	3.1	25
6	Identification and characterization of P(1), P(7)-Di(adenosine-5R-heptaphosphate from human platelets. <i>Journal of Biological Chemistry</i> , 1999 , 274, 23926-31	5.4	36

5	Adenosine(5 β) oligophospho-(5 β) guanosines and guanosine(5 β) oligophospho-(5 β) guanosines in human platelets. <i>Journal of Clinical Investigation</i> , 1998 , 101, 682-8	15.9	39
4	Design and testing of beta-actin primers for RT-PCR that do not co-amplify processed pseudogenes. <i>BioTechniques</i> , 1997 , 23, 456-60	2.5	165
3	Differential effects of diadenosine phosphates on purinoceptors in the rat isolated perfused kidney. <i>British Journal of Pharmacology</i> , 1997 , 120, 1453-60	8.6	49
2	Expression of inducible nitric oxide synthase in placenta of women with gestational diabetes. <i>FASEB Journal</i> , 1996 , 10, 777-84	0.9	66
1	Diadenosine phosphates and the physiological control of blood pressure. <i>Nature</i> , 1994 , 367, 186-8	50.4	189