

Berthold Hocher

List of Publications by Year in descending order

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292
papers

10,801
citations

28274

55
h-index

48315

88
g-index

302
all docs

302
docs citations

302
times ranked

14592
citing authors

#	ARTICLE	IF	CITATIONS
1	Maternal and fetal genetic effects on birth weight and their relevance to cardio-metabolic risk factors. <i>Nature Genetics</i> , 2019, 51, 804-814.	21.4	402
2	Endothelin-1 transgenic mice develop glomerulosclerosis, interstitial fibrosis, and renal cysts but not hypertension. <i>Journal of Clinical Investigation</i> , 1997, 99, 1380-1389.	8.2	354
3	New loci associated with birth weight identify genetic links between intrauterine growth and adult height and metabolism. <i>Nature Genetics</i> , 2013, 45, 76-82.	21.4	293
4	CC chemokine receptor 5 and renal-transplant survival. <i>Lancet</i> , The, 2001, 357, 1758-1761.	13.7	283
5	Metabolomics for clinical use and research in chronic kidney disease. <i>Nature Reviews Nephrology</i> , 2017, 13, 269-284.	9.6	248
6	Intravenous Injection of a D1 Protein of the Smith Proteins Postpones Murine Lupus and Induces Type 1 Regulatory T Cells. <i>Journal of Immunology</i> , 2004, 173, 5835-5842.	0.8	220
7	Genetic Evidence for Causal Relationships Between Maternal Obesity-Related Traits and Birth Weight. <i>JAMA - Journal of the American Medical Association</i> , 2016, 315, 1129.	7.4	220
8	Pulmonary Fibrosis and Chronic Lung Inflammation in ET-1 Transgenic Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2000, 23, 19-26.	2.9	214
9	ABCB1 Genotype of the Donor but Not of the Recipient Is a Major Risk Factor for Cyclosporine-Related Nephrotoxicity after Renal Transplantation. <i>Journal of the American Society of Nephrology: JASN</i> , 2005, 16, 1501-1511.	6.1	208
10	Prevention of liver cancer cachexia-induced cardiac wasting and heart failure. <i>European Heart Journal</i> , 2014, 35, 932-941.	2.2	167
11	An oral endothelin-A receptor antagonist blocks collagen synthesis and deposition in advanced rat liver fibrosis. <i>Gastroenterology</i> , 2000, 118, 1169-1178.	1.3	160
12	Genome-wide association study of offspring birth weight in 86,577 women identifies five novel loci and highlights maternal genetic effects that are independent of fetal genetics. <i>Human Molecular Genetics</i> , 2018, 27, 742-756.	2.9	156
13	Why should we measure free 25(OH) vitamin D?. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 180, 87-104.	2.5	144
14	DPP-4 Inhibition on Top of Angiotensin Receptor Blockade Offers a New Therapeutic Approach for Diabetic Nephropathy. <i>Kidney and Blood Pressure Research</i> , 2012, 36, 119-130.	2.0	136
15	Common variants at 12q15 and 12q24 are associated with infant head circumference. <i>Nature Genetics</i> , 2012, 44, 532-538.	21.4	130
16	Renal and Cardiac Effects of DPP-4 Inhibitors – from Preclinical Development to Clinical Research. <i>Kidney and Blood Pressure Research</i> , 2012, 36, 65-84.	2.0	127
17	Common variants at 6q22 and 17q21 are associated with intracranial volume. <i>Nature Genetics</i> , 2012, 44, 539-544.	21.4	126
18	Endothelin System-Dependent Cardiac Remodeling in Renovascular Hypertension. <i>Hypertension</i> , 1999, 33, 816-822.	2.7	124

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19	Loss of insulin-induced activation of TRPM6 magnesium channels results in impaired glucose tolerance during pregnancy. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 11324-11329.	7.1	122
20	Linagliptin and its effects on hyperglycaemia and albuminuria in patients with type 2 diabetes and renal dysfunction: the randomized <scp>MARLINA</scp>â€œ<scp>T2D</scp> trial. Diabetes, Obesity and Metabolism, 2017, 19, 1610-1619.	4.4	119
21	A novel common variant in DCST2 is associated with length in early life and height in adulthood. Human Molecular Genetics, 2015, 24, 1155-1168.	2.9	109
22	Variable expression of P-glycoprotein in the human placenta and its association with mutations of the multidrug resistance 1 gene (MDR1, ABCB1). Pharmacogenetics and Genomics, 2004, 14, 309-318.	5.7	104
23	Systemic cardiovascular disease in uremic rats induced by 1,25(OH)2D3. Journal of Hypertension, 2005, 23, 1067-1075.	0.5	98
24	Prematurity Is Related to High Placental Cortisol in Preeclampsia. Pediatric Research, 2009, 65, 198-202.	2.3	96
25	Insulin suppresses the production of fibroblast growth factor 23 (FGF23). Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 5804-5809.	7.1	96
26	Renal effects of soluble guanylate cyclase stimulators and activators: A review of the preclinical evidence. Current Opinion in Pharmacology, 2015, 21, 95-104.	3.5	93
27	A systematic approach to managing pregnant dialysis patientsâ€”the importance of an intensified haemodiafiltration protocol. Nephrology Dialysis Transplantation, 2005, 20, 2537-2542.	0.7	90
28	Tacrolimus reversibly reduces insulin secretion in paediatric renal transplant recipients. Nephrology Dialysis Transplantation, 2000, 15, 867-871.	0.7	88
29	Effects of Endothelin Receptor Antagonists on the Progression of Diabetic Nephropathy. Nephron, 2001, 87, 161-169.	1.8	88
30	Soluble Guanylate Cyclase Stimulation Prevents Fibrotic Tissue Remodeling and Improves Survival in Salt-Sensitive Dahl Rats. PLoS ONE, 2011, 6, e21853.	2.5	88
31	Blood pressure and glucose independent renoprotective effects of dipeptidyl peptidase-4 inhibition in a mouse model of type-2 diabetic nephropathy. Journal of Hypertension, 2014, 32, 2211-2223.	0.5	87
32	Renal Elimination of Troponin T and Troponin I. Clinical Chemistry, 2003, 49, 1191-1193.	3.2	86
33	Reduction in Left Ventricular Messenger RNA for Transforming Growth Factor β 1 Attenuates Left Ventricular Fibrosis and Improves Survival Without Lowering Blood Pressure in the Hypertensive TGR(mRen2)27 Rat. Hypertension, 2000, 36, 747-754.	2.7	85
34	Association of maternal G protein β 3 subunit 825T allele with low birthweight. Lancet, The, 2000, 355, 1241-1242.	13.7	83
35	Nitric oxide-independent stimulation of soluble guanylate cyclase reduces organ damage in experimental low-renin and high-renin models. Journal of Hypertension, 2010, 28, 1666-1675.	0.5	82
36	Downregulation of Matrix Metalloproteinases and Collagens and Suppression of Cardiac Fibrosis by Inhibition of the Proteasome. Hypertension, 2004, 44, 471-477.	2.7	81

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37	Discovery and Characterization of an Endogenous CXCR4 Antagonist. <i>Cell Reports</i> , 2015, 11, 737-747.	6.4	80
38	Developmental Origins of Disease - Crisis Precipitates Change. <i>Cellular Physiology and Biochemistry</i> , 2016, 39, 919-938.	1.6	79
39	Intermittent high permeability hemofiltration in septic patients with acute renal failure. <i>Intensive Care Medicine</i> , 2003, 29, 1989-1995.	8.2	76
40	The dipeptidyl peptidase inhibitor linagliptin and the angiotensin II receptor blocker telmisartan show renal benefit by different pathways in rats with 5/6 nephrectomy. <i>Kidney International</i> , 2016, 89, 1049-1061.	5.2	75
41	Characterization of the Renal Phenotype of Transgenic Rats Expressing the Human Endothelin-2 Gene. <i>Hypertension</i> , 1996, 28, 196-201.	2.7	74
42	Impact of vitamin D on pregnancy-related disorders and on offspring outcome. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 180, 51-64.	2.5	73
43	Effects of DPP-4 Inhibitors on the Heart in a Rat Model of Uremic Cardiomyopathy. <i>PLoS ONE</i> , 2011, 6, e27861.	2.5	73
44	The novel DPP-4 inhibitors linagliptin and BI 14361 reduce infarct size after myocardial ischemia/reperfusion in rats. <i>International Journal of Cardiology</i> , 2013, 167, 87-93.	1.7	72
45	Erythropoietin-induced excessive erythrocytosis activates the tissue endothelin system in mice. <i>FASEB Journal</i> , 2003, 17, 259-261.	0.5	70
46	Resistant Starch Regulates Gut Microbiota: Structure, Biochemistry and Cell Signalling. <i>Cellular Physiology and Biochemistry</i> , 2017, 42, 306-318.	1.6	67
47	NO-independent activation of soluble guanylate cyclase prevents disease progression in rats with 5/6 nephrectomy. <i>British Journal of Pharmacology</i> , 2006, 148, 853-859.	5.4	66
48	Measuring Parathyroid Hormone (PTH) in Patients with Oxidative Stress – Do We Need a Fourth Generation Parathyroid Hormone Assay?. <i>PLoS ONE</i> , 2012, 7, e40242.	2.5	66
49	Paternal Body Mass Index (BMI) Is Associated with Offspring Intrauterine Growth in a Gender Dependent Manner. <i>PLoS ONE</i> , 2012, 7, e36329.	2.5	65
50	Evidence for three genetic loci involved in both anorexia nervosa risk and variation of body mass index. <i>Molecular Psychiatry</i> , 2017, 22, 192-201.	7.9	63
51	Lack of Endothelial Nitric Oxide Synthase Promotes Endothelin-Induced Hypertension. <i>Journal of the American Society of Nephrology: JASN</i> , 2007, 18, 730-740.	6.1	61
52	Interaction of Angiotensin II and Nitric Oxide in Isolated Perfused Afferent Arterioles of Mice. <i>Journal of the American Society of Nephrology: JASN</i> , 2001, 12, 1122-1127.	6.1	61
53	Early urinary and plasma biomarkers for experimental diabetic nephropathy. <i>Clinical Laboratory</i> , 2012, 58, 659-71.	0.5	59
54	Different Impact of Biomarkers as Mortality Predictors among Diabetic and Nondiabetic Patients Undergoing Hemodialysis. <i>Journal of the American Society of Nephrology: JASN</i> , 2003, 14, 2329-2337.	6.1	57

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55	The adenosine A ₁ receptor antagonist SLV320 reduces myocardial fibrosis in rats with 5/6 nephrectomy without affecting blood pressure. <i>British Journal of Pharmacology</i> , 2007, 151, 1025-1032.	5.4	56
56	Low Birth Weight, a Risk Factor for Cardiovascular Diseases in Later Life, Is Already Associated With Elevated Fetal Glycosylated Hemoglobin at Birth. <i>Circulation</i> , 2006, 114, 1687-1692.	1.6	55
57	Paternal programming of offspring cardiometabolic diseases in later life. <i>Journal of Hypertension</i> , 2016, 34, 2111-2126.	0.5	55
58	Downregulation of PKM2 decreases FASN expression in bladder cancer cells through AKT/mTOR/SREBP1c axis. <i>Journal of Cellular Physiology</i> , 2019, 234, 3088-3104.	4.1	55
59	Modeling of Oxidized PTH (oxPTH) and Non-oxidized PTH (n-oxPTH) Receptor Binding and Relationship of Oxidized to Non-Oxidized PTH in Children with Chronic Renal Failure, Adult Patients on Hemodialysis and Kidney Transplant Recipients. <i>Kidney and Blood Pressure Research</i> , 2013, 37, 240-251.	2.0	52
60	In-vivo interaction of nitric oxide and endothelin. <i>Journal of Hypertension</i> , 2004, 22, 111-119.	0.5	51
61	Hyperaldosteronism in Klotho-deficient mice. <i>American Journal of Physiology - Renal Physiology</i> , 2010, 299, F1171-F1177.	2.7	51
62	Late gestational maternal serum cortisol is inversely associated with fetal brain growth. <i>Neuroscience and Biobehavioral Reviews</i> , 2012, 36, 1085-1092.	6.1	50
63	Physiology and pathophysiology of incretins in the kidney. <i>Current Opinion in Nephrology and Hypertension</i> , 2014, 23, 54-60.	2.0	50
64	Maternal Vitamin D Deficiency and Fetal Programming - Lessons Learned from Humans and Mice. <i>Kidney and Blood Pressure Research</i> , 2014, 39, 315-329.	2.0	50
65	The matrix metalloproteinases 2 and 9 initiate uraemic vascular calcifications. <i>Nephrology Dialysis Transplantation</i> , 2016, 31, 789-797.	0.7	50
66	Adenosine A1 receptor antagonists in clinical research and development. <i>Kidney International</i> , 2010, 78, 438-445.	5.2	48
67	AMP-activated kinase is a regulator of fibroblast growth factor 23 production. <i>Kidney International</i> , 2018, 94, 491-501.	5.2	46
68	Nonoxidized, Biologically Active Parathyroid Hormone Determines Mortality in Hemodialysis Patients. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, 4744-4751.	3.6	45
69	Gender-dependent disease severity in autosomal polycystic kidney disease of rats. <i>Kidney International</i> , 1995, 48, 496-500.	5.2	44
70	Role of soluble and membrane-bound dipeptidyl peptidase-4 in diabetic nephropathy. <i>Journal of Molecular Endocrinology</i> , 2017, 59, R1-R10.	2.5	44
71	Endothelin-1- and Endothelin-Receptors in Lung Biopsies of Patients with Pulmonary Hypertension due to Congenital Heart Disease. <i>Clinical Chemistry and Laboratory Medicine</i> , 1999, 37, 423-8.	2.3	42
72	Cardiac Endothelin System Impairs Left Ventricular Function in Renin-Dependent Hypertension via Decreased Sarcoplasmic Reticulum Ca ²⁺ Uptake. <i>Circulation</i> , 2000, 102, 1582-1588.	1.6	42

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73	A Systematic Review and Meta-Analysis of Influenza A Virus Infection During Pregnancy Associated with an Increased Risk for Stillbirth and Low Birth Weight. <i>Kidney and Blood Pressure Research</i> , 2017, 42, 232-243.	2.0	42
74	Gender as a risk factor in young, not in old, women undergoing coronary artery bypass grafting. <i>Journal of the American College of Cardiology</i> , 2004, 44, 2413-2414.	2.8	41
75	More than genes: the advanced fetal programming hypothesis. <i>Journal of Reproductive Immunology</i> , 2014, 104-105, 8-11.	1.9	41
76	1,25-Dihydroxyvitamin D3-induced aortic calcifications in experimental uremia: up-regulation of osteoblast markers, calcium-transporting proteins and osterix. <i>Journal of Hypertension</i> , 2011, 29, 339-348.	0.5	40
77	ETA Receptor Blockade Induces Tubular Cell Proliferation and Cyst Growth in Rats with Polycystic Kidney Disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2003, 14, 367-376.	6.1	39
78	Endothelin-Converting Enzyme/Neutral Endopeptidase Inhibitor SLV338 Prevents Hypertensive Cardiac Remodeling in a Blood Pressure-Independent Manner. <i>Hypertension</i> , 2011, 57, 755-763.	2.7	39
79	Early Urinary and Plasma Biomarkers for Experimental Diabetic Nephropathy. <i>Clinical Laboratory</i> , 2013, 59, .	0.5	39
80	Dipeptidyl peptidase-4 inhibition with linagliptin and effects on hyperglycaemia and albuminuria in patients with type 2 diabetes and renal dysfunction: Rationale and design of the MARLINA-T2D trial. <i>Diabetes and Vascular Disease Research</i> , 2015, 12, 455-462.	2.0	39
81	Reference intervals for measured and calculated free 25-hydroxyvitamin D in normal pregnancy. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 181, 80-87.	2.5	39
82	Inhibition of left ventricular fibrosis by tranilast in rats with renovascular hypertension. <i>Journal of Hypertension</i> , 2002, 20, 745-751.	0.5	37
83	Association of Factor V Leiden Mutation with Delayed Graft Function, Acute Rejection Episodes and Long-term Graft Dysfunction in Kidney Transplant Recipients. <i>Thrombosis and Haemostasis</i> , 2002, 87, 194-198.	3.4	37
84	The SGLT2 Inhibitor Empagliflozin Might Be a New Approach for the Prevention of Acute Kidney Injury. <i>Kidney and Blood Pressure Research</i> , 2019, 44, 149-157.	2.0	37
85	Endothelin type A and B receptors in the control of afferent and efferent arterioles in mice. <i>Nephrology Dialysis Transplantation</i> , 2011, 26, 779-789.	0.7	36
86	Effects of telmisartan and linagliptin when used in combination on blood pressure and oxidative stress in rats with 2-kidney-1-clip hypertension. <i>Journal of Hypertension</i> , 2013, 31, 2290-2299.	0.5	36
87	Diabetic Endothelin B Receptor-Deficient Rats Develop Severe Hypertension and Progressive Renal Failure. <i>Journal of the American Society of Nephrology: JASN</i> , 2006, 17, 1082-1089.	6.1	34
88	Intracellular distribution of endothelin-1 receptors in rat liver cells. <i>Biochemical and Biophysical Research Communications</i> , 1992, 184, 498-503.	2.1	33
89	ETA receptor blockade induces fibrosis of the clipped kidney in two-kidney-one-clip renovascular hypertensive rats. <i>Journal of Hypertension</i> , 2000, 18, 1807-1814.	0.5	33
90	Renal Endothelin System in Diabetes: Comparison of Angiotensin-Converting Enzyme Inhibition and Endothelin-A Antagonism. <i>Journal of Cardiovascular Pharmacology</i> , 1998, 31, S492-S495.	1.9	33

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91	Pregnancy on Intensified Hemodialysis: Fetal Surveillance and Perinatal Outcome. <i>Fetal Diagnosis and Therapy</i> , 2007, 22, 289-293.	1.4	32
92	Cord Blood Lysophosphatidylcholine 16: 1 is Positively Associated with Birth Weight. <i>Cellular Physiology and Biochemistry</i> , 2018, 45, 614-624.	1.6	32
93	Renal fibrosis and proteomics: Current knowledge and still key open questions for proteomic investigation. <i>Journal of Proteomics</i> , 2011, 74, 1855-1870.	2.4	31
94	Effects of Stimulation of Soluble Guanylate Cyclase on Diabetic Nephropathy in Diabetic eNOS Knockout Mice on Top of Angiotensin II Receptor Blockade. <i>PLoS ONE</i> , 2012, 7, e42623.	2.5	31
95	Strong acceleration of murine lupus by injection of the SmD183-119 peptide. <i>Arthritis and Rheumatism</i> , 2001, 44, 2435-2445.	6.7	30
96	Chronic cyclooxygenase-2 inhibition does not alter blood pressure and kidney function in renovascular hypertensive rats. <i>Journal of Hypertension</i> , 2004, 22, 191-198.	0.5	30
97	Fetal and maternal angiotensin (1-7) are associated with preterm birth. <i>Journal of Hypertension</i> , 2014, 32, 1833-1841.	0.5	30
98	Soluble β -Klotho and Its Relation to Kidney Function and Fibroblast Growth Factor-23. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E855-E861.	3.6	30
99	Urinary Vitamin D Binding Protein and KIM-1 Are Potent New Biomarkers of Major Adverse Renal Events in Patients Undergoing Coronary Angiography. <i>PLoS ONE</i> , 2016, 11, e0145723.	2.5	30
100	β 2C-Adrenoceptor polymorphism is associated with improved event-free survival in patients with dilated cardiomyopathy. <i>European Heart Journal</i> , 2006, 27, 454-459.	2.2	28
101	Fetal programming of cardiovascular diseases in later life - mechanisms beyond maternal undernutrition. <i>Journal of Physiology</i> , 2007, 579, 287-288.	2.9	28
102	Effects of Aliskiren on Stroke in Rats Expressing Human Renin and Angiotensinogen Genes. <i>PLoS ONE</i> , 2010, 5, e15052.	2.5	28
103	Effect of Carbon Monoxide Donor CORM-2 on Vitamin D₃/sub> Metabolism. <i>Kidney and Blood Pressure Research</i> , 2013, 37, 496-505.	2.0	28
104	Renoprotective effects of GLP1R agonists and SGLT2 inhibitors. <i>Nature Reviews Nephrology</i> , 2017, 13, 728-730.	9.6	27
105	Mechanisms of GLP-1 receptor-independent renoprotective effects of the dipeptidyl peptidase type 4 inhibitor linagliptin in GLP-1 receptor knockout mice with 5/6 nephrectomy. <i>Kidney International</i> , 2019, 95, 1373-1388.	5.2	27
106	Comparison of infection risks and clinical outcomes in patients with and without SARS-CoV-2 lung infection under renin-angiotensin-aldosterone system blockade: Systematic review and meta-analysis. <i>British Journal of Clinical Pharmacology</i> , 2021, 87, 2475-2492.	2.4	27
107	Relaxin Is an Independent Risk Factor Predicting Death in Male Patients With End-Stage Kidney Disease. <i>Circulation</i> , 2004, 109, 2266-2268.	1.6	26
108	Endothelin-1 overexpression restores diastolic function in eNOS knockout mice. <i>Journal of Hypertension</i> , 2011, 29, 961-970.	0.5	26

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109	Head-to-head comparison of structurally unrelated dipeptidyl peptidase 4 inhibitors in the setting of renal ischemia reperfusion injury. <i>British Journal of Pharmacology</i> , 2017, 174, 2273-2286.	5.4	26
110	Paternal Programming of Liver Function and Lipid Profile Induced by a Paternal Pre-Conceptional Unhealthy Diet: Potential Association with Altered Gut Microbiome Composition. <i>Kidney and Blood Pressure Research</i> , 2019, 44, 133-148.	2.0	26
111	Inhibition of Both Neutral Endopeptidase and Endothelin-Converting Enzyme by SLV306 Reduces Proteinuria and Urinary Albumin Excretion in Diabetic Rats. <i>Journal of Cardiovascular Pharmacology</i> , 2004, 44, S76-S79.	1.9	25
112	Impact of vitamin A on clinical outcomes in haemodialysis patients. <i>Nephrology Dialysis Transplantation</i> , 2011, 26, 4054-4061.	0.7	25
113	Plasma ET-1 Concentrations Are Elevated in Pregnant Women with Hypertension -Meta-Analysis of Clinical Studies. <i>Kidney and Blood Pressure Research</i> , 2017, 42, 654-663.	2.0	25
114	Bioinformatic identification of key genes and analysis of prognostic values in clear cell renal cell carcinoma. <i>Oncology Letters</i> , 2018, 16, 1747-1757.	1.8	25
115	Comparison of free and total 25-hydroxyvitamin D in normal human pregnancy. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 190, 29-36.	2.5	25
116	Hypocortisolism with non-pigmented micronodular adrenal hyperplasia: transition from pituitary-dependent to adrenal-dependent Cushing's syndrome. <i>European Journal of Endocrinology</i> , 1993, 128, 120-125.	3.7	24
117	Paracrine renal endothelin system in rats with liver cirrhosis. <i>British Journal of Pharmacology</i> , 1996, 118, 220-227.	5.4	24
118	Renin angiotensin system gene polymorphisms in pediatric renal transplant recipients. <i>Pediatric Transplantation</i> , 2001, 5, 166-173.	1.0	24
119	Impact of genes related to immune tolerance and inflammation (tumour necrosis factor- α ,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tj 2005, 23, 2187-2191.	0.5	24
120	Cardio-Renal Effects of the A1 Adenosine Receptor Antagonist SLV320 in Patients With Heart Failure. <i>Circulation: Heart Failure</i> , 2009, 2, 523-531.	3.9	24
121	Fetal sex determines the impact of maternal PROGINS progesterone receptor polymorphism on maternal physiology during pregnancy. <i>Pharmacogenetics and Genomics</i> , 2009, 19, 710-718.	1.5	24
122	Targeted activation of endothelin-1 exacerbates hypoxia-induced pulmonary hypertension. <i>Biochemical and Biophysical Research Communications</i> , 2015, 465, 356-362.	2.1	24
123	Linagliptin and telmisartan induced effects on renal and urinary exosomal miRNA expression in rats with 5/6 nephrectomy. <i>Scientific Reports</i> , 2020, 10, 3373.	3.3	24
124	Chronic Activation of Heme Free Guanylate Cyclase Leads to Renal Protection in Dahl Salt-Sensitive Rats. <i>PLoS ONE</i> , 2015, 10, e0145048.	2.5	24
125	The advanced fetal programming hypothesis. <i>Nephrology Dialysis Transplantation</i> , 2001, 16, 1298-1299.	0.7	23
126	Increase in nitric oxide bioavailability improves endothelial function in endothelin-1 transgenic mice. <i>Nephrology Dialysis Transplantation</i> , 2003, 18, 479-483.	0.7	23

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127	Endothelin B receptor-deficient mice develop endothelial dysfunction independently of salt loading. <i>Journal of Hypertension</i> , 2005, 23, 979-985.	0.5	23
128	Impact of kidney function on plasma troponin concentrations after coronary artery bypass grafting. <i>Nephrology Dialysis Transplantation</i> , 2007, 23, 231-238.	0.7	23
129	Endothelin B receptor stimulation inhibits suicidal erythrocyte death. <i>FASEB Journal</i> , 2010, 24, 3351-3359.	0.5	23
130	Plasma ET-1 Concentrations are Elevated in Patients with Hypertension – Meta-Analysis of Clinical Studies. <i>Kidney and Blood Pressure Research</i> , 2017, 42, 304-313.	2.0	23
131	Biomarkers for the prediction of mortality and morbidity in patients with renal replacement therapy. <i>Clinical Laboratory</i> , 2011, 57, 455-67.	0.5	23
132	Impaired sodium excretion, decreased glomerular filtration rate and elevated blood pressure in endothelin receptor type B deficient rats. <i>Journal of Molecular Medicine</i> , 2001, 78, 633-641.	3.9	22
133	Endothelin system in normal and hypertensive pregnancy. <i>Clinical Science</i> , 2002, 103, 446S-449S.	4.3	22
134	Treatment of secondary pulmonary hypertension with bosentan and its pharmacokinetic monitoring in ESRD. <i>American Journal of Kidney Diseases</i> , 2004, 43, 923-926.	1.9	22
135	Clear the Fog around Parathyroid Hormone Assays. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2018, 13, 524-526.	4.5	22
136	Fetal Serum Metabolites Are Independently Associated with Gestational Diabetes Mellitus. <i>Cellular Physiology and Biochemistry</i> , 2018, 45, 625-638.	1.6	22
137	Impact of maternal angiotensinogen M235T polymorphism and angiotensin-converting enzyme insertion/deletion polymorphism on blood pressure, protein excretion and fetal outcome in pregnancy. <i>Journal of Hypertension</i> , 2007, 25, 1255-1261.	0.5	20
138	Endothelin receptor antagonists in clinical research – Lessons learned from preclinical and clinical kidney studies. <i>Life Sciences</i> , 2014, 118, 141-148.	4.3	20
139	Maternal eNOS deficiency determines a fatty liver phenotype of the offspring in a sex dependent manner. <i>Epigenetics</i> , 2016, 11, 539-552.	2.7	20
140	Comprehensive Analysis of N6-Methyladenosine RNA Methylation Regulators Expression Identify Distinct Molecular Subtypes of Myocardial Infarction. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 756483.	3.7	20
141	Why Current PTH Assays Mislead Clinical Decision Making in Patients with Secondary Hyperparathyroidism. <i>Nephron</i> , 2017, 136, 137-142.	1.8	19
142	Folate treatment of pregnant rat dams abolishes metabolic effects in female offspring induced by a paternal pre-conception unhealthy diet. <i>Diabetologia</i> , 2018, 61, 1862-1876.	6.3	19
143	Transgenic rats expressing the human ET-2 gene: a model for the study of endothelin actions in vivo. <i>Journal of Molecular Medicine</i> , 1999, 77, 565-574.	3.9	18
144	Inhaled endothelin A antagonist improves arterial oxygenation in experimental acute lung injury. <i>Intensive Care Medicine</i> , 2000, 26, 1334-1342.	8.2	18

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145	Fetal and Maternal Peroxisome Proliferator-activated Receptor γ 2 Pro12Ala Does Not Influence Birth Weight*. <i>Obesity</i> , 2006, 14, 1880-1885.	3.0	18
146	DNA methylation of the glucocorticoid receptor gene promoter in the placenta is associated with blood pressure regulation in human pregnancy. <i>Journal of Hypertension</i> , 2017, 35, 2276-2286.	0.5	18
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285	Relationship between Monocytes and Stenosis-Related Autologous Arteriovenous Fistula Dysfunction. <i>Blood Purification</i> , 2021, , 1-7.	1.8	1
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287	N-terminal prohormone B-type natriuretic peptide variability acts as a predictor of poor prognosis in patients with cardiorenal syndrome type 2. <i>Bioengineered</i> , 2021, 12, 12407-12419.	3.2	1
288	Integrated proteome and malonylome analyses reveal the neutrophil extracellular trap formation pathway in rheumatoid arthritis. <i>Journal of Proteomics</i> , 2022, 262, 104597.	2.4	1

#	ARTICLE	IF	CITATIONS
289	Effects of angiotensin-converting enzyme inhibition and calcium channel blockade on cardiac apoptosis in rats with 2K1C (two-kidney/one-clip) renovascular hypertension. <i>Clinical Science</i> , 2003, 104, 79.	4.3	0
290	SaO032Non-oxidized PTH (n-oxPTH) - but not oxidized PTH (oxPTH) -stimulates fibroblast growth factor 23 (FGF23) and increases only moderately in CKD patients and kidney transplant recipients. <i>Nephrology Dialysis Transplantation</i> , 2019, 34, .	0.7	0
291	Animal Models of the Endothelin System. , 2009, , 93-101.		0
292	Birthweight and fetal glycosylated hemoglobin at birth in newborns carrying the GLUT1 Xbal gene polymorphism. <i>Clinical Laboratory</i> , 2011, 57, 651-7.	0.5	0