

Ulrich Kintscher

List of Publications by Year in descending order

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91
papers

5,060
citations

147801

31
h-index

91884

69
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95
all docs

95
docs citations

95
times ranked

6969
citing authors

#	ARTICLE	IF	CITATIONS
1	Angiotensin Type 1 Receptor Blockers Induce Peroxisome Proliferator-Activated Receptor- β Activity. <i>Circulation</i> , 2004, 109, 2054-2057.	1.6	696
2	Gender in cardiovascular diseases: impact on clinical manifestations, management, and outcomes. <i>European Heart Journal</i> , 2016, 37, 24-34.	2.2	512
3	Molecular Characterization of New Selective Peroxisome Proliferator-Activated Receptor β Modulators With Angiotensin Receptor Blocking Activity. <i>Diabetes</i> , 2005, 54, 3442-3452.	0.6	270
4	PPAR β -Activating Angiotensin Type-1 Receptor Blockers Induce Adiponectin. <i>Hypertension</i> , 2005, 46, 137-143.	2.7	257
5	Angiotensin II Type 2 Receptor Stimulation. <i>Circulation</i> , 2008, 118, 2523-2532.	1.6	250
6	Metabolic Actions of Estrogen Receptor Beta (ER β) are Mediated by a Negative Cross-Talk with PPAR β . <i>PLoS Genetics</i> , 2008, 4, e1000108.	3.5	241
7	Female sex and estrogen receptor- β attenuate cardiac remodeling and apoptosis in pressure overload. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010, 298, R1597-R1606.	1.8	205
8	PPAR β -mediated insulin sensitization: the importance of fat versus muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2005, 288, E287-E291.	3.5	196
9	Peroxisome Proliferator-activated Receptor β Ligands Inhibit Retinoblastoma Phosphorylation and G1 \rightarrow S Transition in Vascular Smooth Muscle Cells. <i>Journal of Biological Chemistry</i> , 2000, 275, 22435-22441.	3.4	195
10	Selective Mineralocorticoid Receptor Cofactor Modulation as Molecular Basis for Finerenone's Antifibrotic Activity. <i>Hypertension</i> , 2018, 71, 599-608.	2.7	149
11	Metabolic impact of estrogen signalling through ER α and ER β . <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2010, 122, 74-81.	2.5	138
12	Regulation of Peroxisome Proliferator-Activated Receptor β Activity by Losartan Metabolites. <i>Hypertension</i> , 2006, 47, 586-589.	2.7	86
13	Irbesartan for the treatment of hypertension in patients with the metabolic syndrome: A sub analysis of the Treat to Target post authorization survey. Prospective observational, two armed study in 14,200 patients. <i>Cardiovascular Diabetology</i> , 2007, 6, 12.	6.8	81
14	Angiotensin Type 2 Receptor Stimulation Ameliorates Left Ventricular Fibrosis and Dysfunction via Regulation of Tissue Inhibitor of Matrix Metalloproteinase 1/Matrix Metalloproteinase 9 Axis and Transforming Growth Factor β 1 in the Rat Heart. <i>Hypertension</i> , 2014, 63, e60-7.	2.7	72
15	Cannabinoid receptor 1 inhibition improves cardiac function and remodelling after myocardial infarction and in experimental metabolic syndrome. <i>Journal of Molecular Medicine</i> , 2013, 91, 811-823.	3.9	69
16	Novel non-steroidal mineralocorticoid receptor antagonists in cardiorenal disease. <i>British Journal of Pharmacology</i> , 2022, 179, 3220-3234.	5.4	65
17	PPAR β Inhibits TGF- β -Induced β 5 Integrin Transcription in Vascular Smooth Muscle Cells by Interacting With Smad4. <i>Circulation Research</i> , 2002, 91, e35-44.	4.5	62
18	Steroidal and Nonsteroidal Mineralocorticoid Receptor Antagonists Cause Differential Cardiac Gene Expression in Pressure Overload-induced Cardiac Hypertrophy. <i>Journal of Cardiovascular Pharmacology</i> , 2016, 67, 402-411.	1.9	59

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19	Plasma Angiotensin Peptide Profiling and ACE (Angiotensin-Converting Enzyme)-2 Activity in COVID-19 Patients Treated With Pharmacological Blockers of the Renin-Angiotensin System. <i>Hypertension</i> , 2020, 76, e34-e36.	2.7	57
20	Sex differences in physiological cardiac hypertrophy are associated with exercise-mediated changes in energy substrate availability. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011, 301, H115-H122.	3.2	56
21	eIF5A hypusination, boosted by dietary spermidine, protects from premature brain aging and mitochondrial dysfunction. <i>Cell Reports</i> , 2021, 35, 108941.	6.4	56
22	Sexual Dimorphic Regulation of Body Weight Dynamics and Adipose Tissue Lipolysis. <i>PLoS ONE</i> , 2012, 7, e37794.	2.5	55
23	PPARgamma activation attenuates T-lymphocyte-dependent inflammation of adipose tissue and development of insulin resistance in obese mice. <i>Cardiovascular Diabetology</i> , 2010, 9, 64.	6.8	52
24	Obesity-related hypoxia via miR-128 decreases insulin-receptor expression in human and mouse adipose tissue promoting systemic insulin resistance. <i>EBioMedicine</i> , 2020, 59, 102912.	6.1	52
25	Retinoids Inhibit Proliferation of Human Coronary Smooth Muscle Cells by Modulating Cell Cycle Regulators. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2001, 21, 746-751.	2.4	49
26	Adipose Tissue Lipolysis Promotes Exercise-induced Cardiac Hypertrophy Involving the Lipokine C16:1n7-Palmitoleate. <i>Journal of Biological Chemistry</i> , 2015, 290, 23603-23615.	3.4	49
27	Adipose tissue ATGL modifies the cardiac lipidome in pressure-overload-induced left ventricular failure. <i>PLoS Genetics</i> , 2018, 14, e1007171.	3.5	42
28	Characterization of New PPAR β Agonists: Analysis of Telmisartan's Structural Components. <i>ChemMedChem</i> , 2009, 4, 445-456.	3.2	38
29	Sex- and age-dependent effects of Gpr30 genetic deletion on the metabolic and cardiovascular profiles of diet-induced obese mice. <i>Gene</i> , 2014, 540, 210-216.	2.2	38
30	Nonsteroidal mineralocorticoid receptor antagonism for cardiovascular and renal disorders – New perspectives for combination therapy. <i>Pharmacological Research</i> , 2021, 172, 105859.	7.1	37
31	PCSK9 regulates the chemokine receptor CCR2 on monocytes. <i>Biochemical and Biophysical Research Communications</i> , 2017, 485, 312-318.	2.1	36
32	Sex differences in exercise-induced cardiac hypertrophy. <i>Pflügers Archiv European Journal of Physiology</i> , 2013, 465, 731-737.	2.8	32
33	Angiotensin II, PPAR-Gamma and atherosclerosis. <i>Frontiers in Bioscience - Landmark</i> , 2004, 9, 359.	3.0	31
34	High-Dose Treatment With Telmisartan Induces Monocytic Peroxisome Proliferator-Activated Receptor- β Target Genes in Patients With the Metabolic Syndrome. <i>Hypertension</i> , 2011, 58, 725-732.	2.7	31
35	Does adiponectin resistance exist in chronic heart failure?. <i>European Heart Journal</i> , 2007, 28, 1676-1677.	2.2	27
36	The Role of Adipose Triglyceride Lipase and Cytosolic Lipolysis in Cardiac Function and Heart Failure. <i>Cell Reports Medicine</i> , 2020, 1, 100001.	6.5	27

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37	Inhibiting angiotensin type 1 receptors as a target for diabetes. <i>Expert Opinion on Therapeutic Targets</i> , 2008, 12, 1257-1263.	3.4	26
38	Characterization of new PPAR β agonists: Benzimidazole derivatives—importance of positions 5 and 6, and computational studies on the binding mode. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 5885-5895.	3.0	26
39	AT β R (Angiotensin AT2 Receptor) Agonist, Compound 21, Prevents Abdominal Aortic Aneurysm Progression in the Rat. <i>Hypertension</i> , 2018, 72, e20-e29.	2.7	26
40	Application of Speckle-Tracking Echocardiography in an Experimental Model of Isolated Subendocardial Damage. <i>Journal of the American Society of Echocardiography</i> , 2017, 30, 1239-1250.e2.	2.8	25
41	Doxazosin Inhibits Retinoblastoma Protein Phosphorylation and G1 \rightarrow S Transition in Human Coronary Smooth Muscle Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000, 20, 1216-1224.	2.4	24
42	Sex-Specific Differences in Type 2 Diabetes Mellitus and Dyslipidemia Therapy: PPAR Agonists. <i>Handbook of Experimental Pharmacology</i> , 2013, , 387-410.	1.8	24
43	Low-Dose Empagliflozin Improves Systolic Heart Function after Myocardial Infarction in Rats: Regulation of MMP9, NHE1, and SERCA2a. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5437.	4.1	24
44	Enhanced insulin signaling in density-enhanced phosphatase-1 (DEP-1) knockout mice. <i>Molecular Metabolism</i> , 2015, 4, 325-336.	6.5	23
45	AT1-receptor blockade attenuates outward aortic remodeling associated with diet-induced obesity in mice. <i>Clinical Science</i> , 2017, 131, 1989-2005.	4.3	23
46	Characterization of Myocardial Microstructure and Function in an Experimental Model of Isolated Subendocardial Damage. <i>Hypertension</i> , 2019, 74, 295-304.	2.7	23
47	TGF- β 1 induces peroxisome proliferator-activated receptor β 1 and β 2 expression in human THP-1 monocytes. <i>Biochemical and Biophysical Research Communications</i> , 2002, 297, 794-799.	2.1	22
48	Characterization of New PPAR β Agonists: Benzimidazole Derivatives - the Importance of Positionâ€¦2. <i>ChemMedChem</i> , 2009, 4, 1136-1142.	3.2	22
49	New telmisartan-derived PPAR β agonists: Impact of the 3D-binding mode on the pharmacological profile. <i>European Journal of Medicinal Chemistry</i> , 2016, 124, 138-152.	5.5	22
50	Sex and Sex Hormoneâ€“Dependent Cardiovascular Stress Responses. <i>Hypertension</i> , 2013, 61, 270-277.	2.7	21
51	Evaluation of a commercial multi-dimensional echocardiography technique for ventricular volumetry in small animals. <i>Cardiovascular Ultrasound</i> , 2018, 16, 10.	1.6	21
52	Pharmacological inhibition of adipose tissue adipose triglyceride lipase by Atglistatin prevents catecholamine-induced myocardial damage. <i>Cardiovascular Research</i> , 2022, 118, 2488-2505.	3.8	20
53	Reuptake Inhibitors of Dopamine, Noradrenaline, and Serotonin. <i>Handbook of Experimental Pharmacology</i> , 2012, , 339-347.	1.8	18
54	A Polymorphic Microsatellite Repeat within the ECE-1c Promoter Is Involved in Transcriptional Start Site Determination, Human Evolution, and Alzheimer's Disease. <i>Journal of Neuroscience</i> , 2012, 32, 16807-16820.	3.6	17

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55	Sex Differences in Cardiac Mitochondria in the New Zealand Obese Mouse. <i>Frontiers in Endocrinology</i> , 2018, 9, 732.	3.5	17
56	p38 MAP kinase negatively regulates angiotensin II-mediated effects on cell cycle molecules in human coronary smooth muscle cells. <i>Biochemical and Biophysical Research Communications</i> , 2003, 305, 552-556.	2.1	16
57	Effect of high-dose valsartan on inflammatory and lipid parameters in patients with Type 2 diabetes and hypertension. <i>Diabetes Research and Clinical Practice</i> , 2010, 89, 209-215.	2.8	14
58	Cardiovascular magnetic resonance feature tracking in small animals – a preliminary study on reproducibility and sample size calculation. <i>BMC Medical Imaging</i> , 2017, 17, 51.	2.7	13
59	INT-131, a PPAR γ agonist for the treatment of type 2 diabetes. <i>Current Opinion in Investigational Drugs</i> , 2009, 10, 381-7.	2.3	13
60	Pharmacological Differences of Glitazones. <i>Journal of the American College of Cardiology</i> , 2008, 52, 882-884.	2.8	12
61	ONTARGET, TRANSCEND, and PRoFESS: new-onset diabetes, atrial fibrillation, and left ventricular hypertrophy. <i>Journal of Hypertension</i> , 2009, 27, S36-S39.	0.5	12
62	Inhibition of Src homology 2 domain-containing phosphatase 1 increases insulin sensitivity in high-fat diet-induced insulin-resistant mice. <i>FEBS Open Bio</i> , 2016, 6, 179-189.	2.3	12
63	Speckle-tracking echocardiography combined with imaging mass spectrometry assesses region-dependent alterations. <i>Scientific Reports</i> , 2020, 10, 3629.	3.3	12
64	High-Mobility Group A1 Protein. <i>Circulation Research</i> , 2012, 110, 394-405.	4.5	11
65	Accurate assessment of LV function using the first automated 2D-border detection algorithm for small animals - evaluation and application to models of LV dysfunction. <i>Cardiovascular Ultrasound</i> , 2019, 17, 7.	1.6	11
66	Fat-body brummer lipase determines survival and cardiac function during starvation in <i>Drosophila melanogaster</i> . <i>IScience</i> , 2021, 24, 102288.	4.1	11
67	Use of fixed-dose combination antihypertensives in Germany between 2016 and 2020: an example of guideline inertia. <i>Clinical Research in Cardiology</i> , 2023, 112, 197-202.	3.3	11
68	Targeting density-enhanced phosphatase-1 (DEP-1) with antisense oligonucleotides improves the metabolic phenotype in high-fat diet-fed mice. <i>Cell Communication and Signaling</i> , 2013, 11, 49.	6.5	9
69	ACE2 and SARS-CoV-2: Tissue or Plasma, Good or Bad?. <i>American Journal of Hypertension</i> , 2021, 34, 274-277.	2.0	9
70	Importance of 5/6-aryl substitution on the pharmacological profile of 4-((2-propyl-1H-benzo[d]imidazol-1-yl)methyl)-[1,1'-biphenyl]-2-carboxylic acid derived PPAR γ agonists. <i>European Journal of Medicinal Chemistry</i> , 2017, 126, 590-603.	5.5	8
71	Effects of empagliflozin and target-organ damage in a novel rodent model of heart failure induced by combined hypertension and diabetes. <i>Scientific Reports</i> , 2020, 10, 14061.	3.3	8
72	Hypertrophy-Reduced Autophagy Causes Cardiac Dysfunction by Directly Impacting Cardiomyocyte Contractility. <i>Cells</i> , 2021, 10, 805.	4.1	8

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73	Serelaxin Improves Regional Myocardial Function in Experimental Heart Failure: An In Vivo Cardiac Magnetic Resonance Study. <i>Journal of the American Heart Association</i> , 2020, 9, e013702.	3.7	7
74	Characterization of Telmisartan-Derived PPAR β Agonists: Importance of Moiety Shift from Position 6 to 5 on Potency, Efficacy and Cofactor Recruitment. <i>ChemMedChem</i> , 2012, 7, 1935-1942.	3.2	6
75	High-Fat Diet Induces Unexpected Fatal Uterine Infections in Mice with aP2-Cre-mediated Deletion of Estrogen Receptor Alpha. <i>Scientific Reports</i> , 2017, 7, 43269.	3.3	6
76	Adipose tissue-heart crosstalk as a novel target for treatment of cardiometabolic diseases. <i>Current Opinion in Pharmacology</i> , 2021, 60, 249-254.	3.5	6
77	Cardioprotective Effects of Palmitoleic Acid (C16:1n7) in a Mouse Model of Catecholamine-Induced Cardiac Damage Are Mediated by PPAR Activation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12695.	4.1	6
78	Finerenone Reduces Renal ROR γ t β T Cells and Protects against Cardiorenal Damage. <i>American Journal of Nephrology</i> , 2022, 53, 552-564.	3.1	6
79	Spontaneous Degenerative Aortic Valve Disease in New Zealand Obese Mice. <i>Journal of the American Heart Association</i> , 2021, 10, e023131.	3.7	5
80	Assessment of Myocardial Microstructure in a Murine Model of Obesity-Related Cardiac Dysfunction by Diffusion Tensor Magnetic Resonance Imaging at 7T. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 839714.	2.4	5
81	Benefit of Blood Pressure Control in Diabetic Patients. <i>Current Hypertension Reports</i> , 2015, 17, 50.	3.5	4
82	Development and implementation of blood pressure screening and referral guidelines for German community pharmacists. <i>Journal of Clinical Hypertension</i> , 2020, 22, 1807-1816.	2.0	4
83	Liver X Receptor Agonist AZ876 Induces Beneficial Endogenous Cardiac Lipid Reprogramming and Protects Against Isoproterenol-Induced Cardiac Damage. <i>Journal of the American Heart Association</i> , 2021, 10, e019473.	3.7	4
84	Depletion of cardiac cardiolipin synthase alters systolic and diastolic function. <i>IScience</i> , 2021, 24, 103314.	4.1	4
85	Wt1 haploinsufficiency induces browning of epididymal fat and alleviates metabolic dysfunction in mice on high-fat diet. <i>Diabetologia</i> , 2022, 65, 528-540.	6.3	3
86	And in the end-Telmisartan directly binds to PPAR β . <i>Hypertension Research</i> , 2012, 35, 704-705.	2.7	2
87	The cytoskeleton in "couch potato-ism": Insights from a murine model of impaired actin dynamics. <i>Experimental Neurology</i> , 2018, 306, 34-44.	4.1	2
88	"Dear Doctor" Warning Letter (Rote-Hand-Brief) on Hydrochlorothiazide and Its Impact on Antihypertensive Prescription. <i>Deutsches Arzteblatt International</i> , 2020, 117, 687-688.	0.9	2
89	The Individualized Obesity Paradox. <i>Journal of the American College of Cardiology</i> , 2014, 63, 786-787.	2.8	1
90	Myocardial Infarction After High-Dose Catecholamine Application: A Case Report From an Experimental Imaging Study. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 580296.	2.4	1

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91	Metabolic Effects of AT2R Stimulation in Adipose Tissue. , 2015, , 119-123.		0