

Jaana RysÄä

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

1,138
citations

430442

18
h-index

414034

32
g-index

54
all docs

54
docs citations

54
times ranked

1877
citing authors

#	ARTICLE	IF	CITATIONS
1	Distinct Upregulation of Extracellular Matrix Genes in Transition From Hypertrophy to Hypertensive Heart Failure. <i>Hypertension</i> , 2005, 45, 927-933.	1.3	106
2	Regulation of hepatic energy metabolism by the nuclear receptor PXR. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2016, 1859, 1072-1082.	0.9	77
3	InÂvivo biocompatibility of porous silicon biomaterials for drug delivery to the heart. <i>Biomaterials</i> , 2014, 35, 8394-8405.	5.7	73
4	GATA-4 Is an Angiogenic Survival Factor of the Infarcted Heart. <i>Circulation: Heart Failure</i> , 2010, 3, 440-450.	1.6	62
5	Identification of Cell Cycle Regulatory and Inflammatory Genes As Predominant Targets of p38 Mitogen-Activated Protein Kinase in the Heart. <i>Circulation Research</i> , 2006, 99, 485-493.	2.0	59
6	p38 Kinase rescues failing myocardium after myocardial infarction: evidence for angiogenic and antiâ€apoptotic mechanisms. <i>FASEB Journal</i> , 2006, 20, 1907-1909.	0.2	58
7	MicroRNA-125b and chemokine CCL4 expression are associated with calcific aortic valve disease. <i>Annals of Medicine</i> , 2015, 47, 423-429.	1.5	55
8	Mechanical stretch induced transcriptomic profiles in cardiac myocytes. <i>Scientific Reports</i> , 2018, 8, 4733.	1.6	51
9	Distinct Downregulation of C-Type Natriuretic Peptide System in Human Aortic Valve Stenosis. <i>Circulation</i> , 2007, 116, 1283-1289.	1.6	46
10	(Pro)renin Receptor Triggers Distinct Angiotensin II-Independent Extracellular Matrix Remodeling and Deterioration of Cardiac Function. <i>PLoS ONE</i> , 2012, 7, e41404.	1.1	39
11	Increased thrombospondin-2 in human fibrosclerotic and stenotic aortic valves. <i>Atherosclerosis</i> , 2012, 220, 66-71.	0.4	35
12	Noncollagenous bone matrix proteins as a part of calcific aortic valve disease regulation. <i>Human Pathology</i> , 2008, 39, 1695-1701.	1.1	33
13	Activation of nuclear receptor PXR impairs glucose tolerance and dysregulates GLUT2 expression and subcellular localization in liver. <i>Biochemical Pharmacology</i> , 2018, 148, 253-264.	2.0	33
14	Cardiac Actions of a Small Molecule Inhibitor Targeting GATA4â€™NKX2-5 Interaction. <i>Scientific Reports</i> , 2018, 8, 4611.	1.6	29
15	Expression of bradykinin receptors in the left ventricles of rats with pressure overload hypertrophy and heart failure. <i>Journal of Hypertension</i> , 2003, 21, 1729-1736.	0.3	27
16	Whole grain intake associated molecule 5-aminovaleric acid betaine decreases Î²-oxidation of fatty acids in mouse cardiomyocytes. <i>Scientific Reports</i> , 2018, 8, 13036.	1.6	24
17	Cellular Mechanisms of Valvular Thickening in Early and Intermediate Calcific Aortic Valve Disease. <i>Current Cardiology Reviews</i> , 2018, 14, 264-271.	0.6	21
18	Characterization of the Regulatory Mechanisms of Activating Transcription Factor 3 by Hypertrophic Stimuli in Rat Cardiomyocytes. <i>PLoS ONE</i> , 2014, 9, e105168.	1.1	20

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19	Heat shock protein 90 is downregulated in calcific aortic valve disease. BMC Cardiovascular Disorders, 2019, 19, 306.	0.7	18
20	Metoprolol Treatment Lowers Thrombospondin-4 Expression in Rats with Myocardial Infarction and Left Ventricular Hypertrophy. Basic and Clinical Pharmacology and Toxicology, 2010, 107, 709-717.	1.2	17
21	The Early-Onset Myocardial Infarction Associated PHACTR1 Gene Regulates Skeletal and Cardiac Alpha-Actin Gene Expression. PLoS ONE, 2015, 10, e0130502.	1.1	16
22	Pregnane X Receptor Activator Rifampin Increases Blood Pressure and Stimulates Plasma Renin Activity. Clinical Pharmacology and Therapeutics, 2020, 108, 856-865.	2.3	16
23	Nutritional status modifies pregnane X receptor regulated transcriptome. Scientific Reports, 2019, 9, 16728.	1.6	15
24	Targeting vasoactive peptides for managing calcific aortic valve disease. Annals of Medicine, 2017, 49, 63-74.	1.5	14
25	SDF1 gradient associates with the distribution of c-Kit+ cardiac cells in the heart. Scientific Reports, 2018, 8, 1160.	1.6	13
26	Monitoring temporal trends of dioxins, organochlorine pesticides and chlorinated paraffins in pooled serum samples collected from Northern Norwegian women: The MISA cohort study. Environmental Research, 2022, 204, 111980.	3.7	13
27	Early left ventricular gene expression profile in response to increase in blood pressure. Blood Pressure, 2006, 15, 375-383.	0.7	12
28	Gene expression profiling of human calcific aortic valve disease. Genomics Data, 2016, 7, 107-108.	1.3	12
29	Phosphorylation of GATA4 at serine 105 is required for left ventricular remodelling process in angiotensin II-induced hypertension in rats. Basic and Clinical Pharmacology and Toxicology, 2020, 127, 178-195.	1.2	12
30	4 β -Hydroxycholesterol Signals From the Liver to Regulate Peripheral Cholesterol Transporters. Frontiers in Pharmacology, 2020, 11, 361.	1.6	12
31	Bone morphogenetic protein-2 is a potential autocrine/paracrine factor in mediating the stretch activated B-type and atrial natriuretic peptide expression in cardiac myocytes. Molecular and Cellular Endocrinology, 2015, 399, 9-21.	1.6	11
32	Peroxisome proliferator activated receptor gamma (PPAR- γ) ligand pioglitazone regulated gene networks in term human primary trophoblast cells. Reproductive Toxicology, 2018, 81, 99-107.	1.3	11
33	Transcription factor PEX1 modulates extracellular matrix turnover through regulation of MMP-9 expression. Cell and Tissue Research, 2017, 367, 369-385.	1.5	10
34	Non-occupational exposure to pesticides and health markers in general population in Northern Finland: Differences between sexes. Environment International, 2021, 156, 106766.	4.8	9
35	Increased mesenchymal podoplanin expression is associated with calcification in aortic valves. Cardiovascular Pathology, 2019, 39, 30-37.	0.7	8
36	A novel p38 MAPK target dyxin is rapidly induced by mechanical load in the heart. Blood Pressure, 2010, 19, 54-63.	0.7	7

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37	WDR12, a Member of Nucleolar PeBoW-Complex, Is Up-Regulated in Failing Hearts and Causes Deterioration of Cardiac Function. PLoS ONE, 2015, 10, e0124907.	1.1	7
38	Circulating protein biomarkers predict incident hypertensive heart failure independently of N-terminal pro-B-type natriuretic peptide levels. ESC Heart Failure, 2020, 7, 1891-1899.	1.4	7
39	Pregnane X Receptor ⁴¹² Hydroxycholesterol Axis in the Regulation of Overweight and Obesity-Induced Hypertension. Journal of the American Heart Association, 2022, 11, e023492.	1.6	7
40	Self-reported alcohol consumption of pregnant women and their partners correlates both before and during pregnancy: A cohort study with 21,472 singleton pregnancies. Alcoholism: Clinical and Experimental Research, 2022, 46, 797-808.	1.4	7
41	Mitogen-activated protein kinase p38 target regenerating islet-derived 3 expression is upregulated in cardiac inflammatory response in the rat heart. Physiological Reports, 2016, 4, e12996.	0.7	6
42	Changes in Circulating Metabolome Precede Alcohol-Related Diseases in Middle-Aged Men: A Prospective Population-Based Study With a 30-Year Follow-Up. Alcoholism: Clinical and Experimental Research, 2020, 44, 2457-2467.	1.4	6
43	Characterizing valve dynamics in mice by high-resolution cine-MRI. NMR in Biomedicine, 2019, 32, e4108.	1.6	5
44	Rifampicin induces the bone form of alkaline phosphatase in humans. Basic and Clinical Pharmacology and Toxicology, 2021, , .	1.2	5
45	Molecular targets of chloropicrin in human airway epithelial cells. Toxicology in Vitro, 2017, 42, 247-254.	1.1	4
46	Aryl hydrocarbon receptor (AhR) agonist β -naphthoflavone regulated gene networks in human primary trophoblasts. Reproductive Toxicology, 2020, 96, 370-379.	1.3	3
47	Menaquinone 4 increases plasma lipid levels in hypercholesterolemic mice. Scientific Reports, 2021, 11, 3014.	1.6	3
48	TSC-22 up-regulates collagen 3a1 gene expression in the rat heart. BMC Cardiovascular Disorders, 2015, 15, 122.	0.7	2
49	Upregulation of cardiac matrix Gla protein expression in response to hypertrophic stimuli. Blood Pressure, 2009, 18, 286-293.	0.7	1
50	Novel insights into the molecular basis of calcific aortic valve disease. Journal of Thoracic Disease, 2020, 12, 6419-6421.	0.6	1
51	Discovery of Small Molecules Targeting the Synergy of Cardiac Transcription Factors GATA4 and NKX2-5. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO4-2-24.	0.0	0
52	Novel insights into the molecular basis of calcific aortic valve disease. Journal of Thoracic Disease, 2020, 12, 6419-6421.	0.6	0
53	Aflatoxin B1 targeted gene expression profiles in human placental primary trophoblast cells. Current Research in Toxicology, 2022, , 100082.	1.3	0