Christian F Deschepper

List of Publications by Year
in descending order

85	4,768	159585 30	98798 67
papers	citations	h-index	g-index

86	86	86	5594
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Regulatory effects of the Uty/Ddx3y locus on neighboring chromosome Y genes and autosomal mRNA transcripts in adult mouse non-reproductive cells. Scientific Reports, 2020, 10, 14900.	3.3	9
2	Viewing the male-specific chromosome Y in a new light. European Journal of Human Genetics, 2017, 25, 1177-1178.	2.8	1
3	Association of a Network of Interferon-Stimulated Genes with a Locus Encoding a Negative Regulator of Non-conventional IKK Kinases and IFNB1. Cell Reports, 2016, 17, 425-435.	6.4	4
4	Comparisons of chromosome Y-substituted mouse strains reveal that the male-specific chromosome modulates the effects of androgens on cardiac functions. Biology of Sex Differences, 2016, 7, 61.	4.1	5
5	Chromosome Y genetic variants: impact in animal models and on human disease. Physiological Genomics, 2015, 47, 525-537.	2.3	31
6	Dual Linkage of a Locus to Left Ventricular Mass and a Cardiac Gene Co-Expression Network Driven by a Chromosome Domain. Frontiers in Cardiovascular Medicine, 2014, 1, 11.	2.4	2
7	Characteristics of Trabeculated Myocardium Burden in Young and Apparently Healthy Adults. American Journal of Cardiology, 2014, 114, 1094-1099.	1.6	22
8	Differences in Cell-Typeâ€“Specific Responses to Angiotensin II Explain Cardiac Remodeling Differences in C57BL/6 Mouse Substrains. Hypertension, 2014, 64, 1040-1046.	2.7	22
9	iBMQ: a R/Bioconductor package for integrated Bayesian modeling of eQTL data. Bioinformatics, 2013, 29, 2797-2798.	4.1	10
10	Novel Effects of Chromosome Y on Cardiac Regulation, Chromatin Remodeling, and Neonatal Programming in Male Mice. Endocrinology, 2013, 154, 4746-4756.	2.8	14
11	Genome-Wide Detection of Gene Coexpression Domains Showing Linkage to Regions Enriched with Polymorphic Retrotransposons in Recombinant Inbred Mouse Strains. G3: Genes, Genomes, Genetics, 2013, 3, 597-605.	1.8	9
12	Network statistics of genetically-driven gene co-expression modules in mouse crosses. Frontiers in Genetics, 2013, 4, 291.	2.3	4
13	An Integrated Hierarchical Bayesian Model for Multivariate eQTL Mapping. Statistical Applications in Genetics and Molecular Biology, 2012, 11, .	0.6	21
14	Protective Effects of Aspirin from Cardiac Hypertrophy and Oxidative Stress in Cardiomyopathic Hamsters. Oxidative Medicine and Cellular Longevity, 2012, 2012, 1-8.	4.0	11
15	A high fat/high fructose (HF) diet does not exacerbate the metabolic or cardiac functional consequences induced by diabetes in C57Bl6J mice. FASEB Journal, 2012, 26, lb351.	0.5	0
16	Medial temporal lobe functioning and structure in the spontaneously hypertensive rat: Comparison with Wistarâ€“Kyoto normotensive and Wistarâ€“Kyoto hypertensive strains. Hippocampus, 2010, 20, 787-797.	1.9	21
17	Early predictors of cardiac decompensation in experimental volume overload. Molecular and Cellular Biochemistry, 2010, 338, 271-282.	3.1	25
18	Cardioprotective Actions of Cyclic GMP. Hypertension, 2010, 55, 453-458.	2.7	4

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19	Alterations in mitochondrial function as a harbinger of cardiomyopathy: Lessons from the dystrophic heart. Journal of Molecular and Cellular Cardiology, 2010, 48, 310-321.	1.9	43
20	Importance of randomization in microarray experimental designs with Illumina platforms. Nucleic Acids Research, 2009, 37, 5610-5618.	14.5	29
21	Chromosome Y variants from different inbred mouse strains are linked to differences in the morphologic and molecular responses of cardiac cells to postpubertal testosterone. BMC Genomics, 2009, 10, 150.	2.8	15
22	Increased expression and intramitochondrial translocation of cyclophilin-D associates with increased vulnerability of the permeability transition pore to stress-induced opening during compensated ventricular hypertrophy. Journal of Molecular and Cellular Cardiology, 2009, 46, 420-430.	1.9	56
23	Cyclic GMP signaling in cardiomyocytes modulates fatty acid trafficking and prevents triglyceride accumulation. Journal of Molecular and Cellular Cardiology, 2008, 45, 230-239.	1.9	29
24	Neonatal Oxygen Exposure in Rats Leads to Cardiovascular and Renal Alterations in Adulthood. Hypertension, 2008, 52, 889-895.	2.7	125
25	Sildenafil and cardiomyocyte-specific cGMP signaling prevent cardiomyopathic changes associated with dystrophin deficiency. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 7028-7033.	7.1	103
26	Advancing the spontaneous hypertensive rat model of attention deficit/hyperactivity disorder.. Behavioral Neuroscience, 2008, 122, 340-357.	1.2	78
27	Implication of Cyclophilin D and Permeability Transition Pore in Mitochondrial Vulnerability of Compensated Heart Hypertrophy. FASEB Journal, 2008, 22, 1238.17.	0.5	1
28	Hypertensive Cardiac Remodeling in Males and Females. Hypertension, 2007, 49, 401-407.	2.7	36
29	Fibroblast apoptosis precedes cardiomyocyte mass reduction during left ventricular remodeling in hypertensive rats treated with amlodipine. Journal of Hypertension, 2007, 25, 1291-1299.	0.5	11
30	Cardiac mass and cardiomyocyte size are governed by different genetic loci on either autosomes or chromosome Y in recombinant inbred mice. Physiological Genomics, 2007, 31, 176-182.	2.3	19
31	Compensated volume overload increases the vulnerability of heart mitochondria without affecting their functions in the absence of stress. Journal of Molecular and Cellular Cardiology, 2006, 41, 998-1009.	1.9	45
32	Genetic Determinants of Systolic and Pulse Pressure in an Intercross Between Normotensive Inbred Rats. Hypertension, 2006, 48, 921-926.	2.7	11
33	A Genetic Locus Accentuates the Effect of Volume Overload on Adverse Left Ventricular Remodeling in Male and Female Rats. Hypertension, 2006, 47, 128-133.	2.7	8
34	Distinct QTLs are linked to cardiac left ventricular mass in a sex-specific manner in a normotensive inbred rat intercross. Mammalian Genome, 2005, 16, 700-711.	2.2	9
35	Dietary isoflavones during pregnancy and lactation provide cardioprotection to offspring rats in adulthood. American Journal of Physiology - Heart and Circulatory Physiology, 2005, 289, H715-H721.	3.2	21
36	The Many Possible Benefits of Natriuretic Peptides After Myocardial Infarction. Hypertension, 2005, 46, 271-272.	2.7	7

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37	The Cardiac Antihypertrophic Effects of Cyclic GMP-Generating Agents: An Experimental Framework for Novel Treatments of Left Ventricular Remodeling. Vascular Disease Prevention, 2005, 2, 151-157.	0.2	5
38	Characterization of blood pressure and morphological traits in cardiovascular-related organs in 13 different inbred mouse strains. Journal of Applied Physiology, 2004, 97, 369-376.	2.5	65
39	The Collaborative Cross, a community resource for the genetic analysis of complex traits. Nature Genetics, 2004, 36, 1133-1137.	21.4	1,034
40	Comparative effects of a vasopeptidase inhibitor vs. an angiotensin converting enzyme inhibitor on cardiomyocyte apoptosis in rats with heart failure. Molecular and Cellular Biochemistry, 2003, 254, 235-245.	3.1	6
41	Dissociation of coronary artery contractile hyperreactivity from hypertension. American Journal of Hypertension, 2003, 16, 570-576.	2.0	4
42	Expression of Constitutively Active Guanylate Cyclase in Cardiomyocytes Inhibits the Hypertrophic Effects of Isoproterenol and Aortic Constriction on Mouse Hearts. Journal of Biological Chemistry, 2003, 278, 47694-47699.	3.4	77
43	Uncovering genes associated with human cardiovascular risk. Journal of Hypertension, 2003, 21, 1445-1446.	0.5	1
44	In Search of Cardiovascular Candidate Genes. Hypertension, 2002, 39, 332-336.	2.7	45
45	Beneficial Effects of Long-Term Use of the Antioxidant Probucol in Heart Failure in the Rat. Circulation, 2002, 105, 2549-2555.	1.6	133
46	Characterization of myocardium, isolated cardiomyocytes, and blood pressure in WKHA and WKY rats. American Journal of Physiology - Heart and Circulatory Physiology, 2002, 282, H149-H155.	3.2	15
47	Inhibition of mitogen-activated protein/extracellular signal-regulated kinase improves endothelial function and attenuates Ang II-induced contractility of mesenteric resistance arteries from spontaneously hypertensive rats. Journal of Hypertension, 2002, 20, 1127-1134.	0.5	55
48	Comparisons of Behavioral and Neurochemical Characteristics between WKY, WKHA, and Wistar Rat Strains. Neuropsychopharmacology, 2002, 27, 400-409.	5.4	77
49	Cyclic GMP Inhibits a Pharmacologically Distinct Na+/H+ Exchanger Variant in Cultured Rat Astrocytes via an Extracellular Site of Action. Journal of Neurochemistry, 2002, 68, 1451-1461.	3.9	34
50	M13-Tailed Primers Improve the Readability and Usability of Microsatellite Analyses Performed with Two Different Allele- Sizing Methods. BioTechniques, 2001, 31, 25-28.	1.8	527
51	Functional Alterations of theNppaPromoter Are Linked to Cardiac Ventricular Hypertrophy in WKY/WKHA Rat Crosses. Circulation Research, 2001, 88, 223-228.	4.5	41
52	High salt intake differentially regulates kidney angiotensin IV AT4 receptors in Wistar-Kyoto and spontaneously hypertensive rats. Life Sciences, 1999, 64, 1811-1818.	4.3	13
53	Peptide Receptors on Astrocytes. Frontiers in Neuroendocrinology, 1998, 19, 20-46.	5.2	27
54	The reninâ€“angiotensin system in hybrid NG108-15 cells. Regulatory Peptides, 1998, 77, 9-15.	1.9	5

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55	Evidence for intracellular generation of angiotensin II in rat juxtaglomerular cells. FEBS Letters, 1998, 422, 395-399.	2.8	33
56	Tissue Targeting of Angiotensin Peptides. Journal of Biological Chemistry, 1997, 272, 12994-12999.	3.4	26
57	Prorenin activation and prohormone convertases in the mouse As4.1 cell line. Kidney International, 1997, 51, 104-109.	5.2	21
58	Regulation of energy metabolism by neurotransmitters in astrocytes in primary culture and in an immortalized cell line. , 1997, 21, 74-83.		69
59	Vascular Structure and Expression of Endothelin-1 Gene in L-NAMEâ€"Treated Spontaneously Hypertensive Rats. Hypertension, 1996, 27, 49-55.	2.7	55
60	Comparison of Effect of Endothelin Antagonism and Angiotensin-Converting Enzyme Inhibition on Blood Pressure and Vascular Structure in Spontaneously Hypertensive Rats Treated With N Ï‰ -Nitro- l -Arginine Methyl Ester. Hypertension, 1996, 28, 188-195.	2.7	26
61	Identification and cellular localization of protein kinase C isoforms in cultures of rat type-1 astrocytes. Brain Research, 1995, 701, 297-300.	2.2	8
62	The membranes of cultured rat brain astrocytes contain endothelin-converting enzyme activity. European Journal of Pharmacology, 1995, 275, 61-66.	3.5	17
63	Generation of cyclic guanosine monophosphate in brain slices incubated with atrial or C-type natriuretic peptides: comparison of the amplitudes and cellular distribution of the responses. Regulatory Peptides, 1995, 57, 55-63.	1.9	15
64	Angiotensinogen: Hormonal regulation and relative importance in the generation of angiotensin II. Kidney International, 1994, 46, 1561-1563.	5.2	40
65	Immunocytochemical and functional characterization of an immortalized type 1 astrocytic cell line. Brain Research, 1994, 642, 221-227.	2.2	8
66	Effects of Câ€Type Natriuretic Peptide on Rat Astrocytes: Regional Differences and Characterization of Receptors. Journal of Neurochemistry, 1994, 62, 1974-1982.	3.9	35
67	Characterization of ?plasma proteins? secreted by cultured rat macroglial cells. Glia, 1993, 7, 121-133.	4.9	32
68	Neurosteroid biosynthesis: genes for adrenal steroidogenic enzymes are expressed in the brain. Brain Research, 1993, 629, 283-292.	2.2	374
69	Demonstration of Androgen-Binding Protein Gene Expression in Primary Neuronal and Astrocyte Cultures. Molecular and Cellular Neurosciences, 1993, 4, 432-439.	2.2	6
70	Characterization and distribution of angiotensin II binding sites in fetal and neonatal astrocytes from different rat brain regions. Brain Research, 1992, 585, 372-376.	2.2	24
71	Experimental basis for increasing the therapeutic index ofcis-diamminedicarboxylatocyclobutaneplatinum(II) in brain tumor therapy by a high-zinc diet. Cancer Chemotherapy and Pharmacology, 1992, 29, 219-226.	2.3	7
72	The renin-angiotensin system in the pituitary gland. Trends in Endocrinology and Metabolism, 1991, 2, 104-107.	7.1	17

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73	Production of thrombin and antithrombin III by brain and astroglial cell cultures. Molecular Brain Research, 1991, 11, 355-358.	2.3	87
74	Distribution of Angiotensinogen Immunoreactivity in Rat Anterior Pituitary Glands. Experimental Biology and Medicine, 1991, 197, 304-309.	2.4	8
75	Angiotensinogen production by rat astroglial cells in vitro and in vivo. Neuroscience, 1990, 34, 545-554.	2.3	71
76	Renin-Angiotensin System in the Anterior Pituitary of the Rat. American Journal of Hypertension, 1989, 2, 320-322.	2.0	28
77	Expression of the gene for the atrial natriuretic peptide in cardiac myocytes in vitro. Cardiovascular Drugs and Therapy, 1988, 2, 479-486.	2.6	10
78	In situ hybridization identifies renin mRNA in the rat corpus luteum. Gynecological Endocrinology, 1987, 1, 227-233.	1.7	23
79	Interference of eluates from octadecyl cartridges with an angiotensin II radioimmunoassay. Peptides, 1986, 7, 365-367.	2.4	13
80	Colocalization of angiotensinogen and glial fibrillary acidic protein in astrocytes in rat brain. Brain Research, 1986, 374, 195-198.	2.2	117
81	Extra-atrial expression of the gene for atrial natriuretic factor.. Proceedings of the National Academy of Sciences of the United States of America, 1986, 83, 6697-6701.	7.1	219
82	Analysis by immunocytochemistry and in situ hybridization of renin and its mRNA in kidney, testis, adrenal, and pituitary of the rat.. Proceedings of the National Academy of Sciences of the United States of America, 1986, 83, 7552-7556.	7.1	244
83	Further Studies on the Localization of Angiotensin-II-Like Immunoreactivity in the Anterior Pituitary Gland of the Male Rat, Comparing Various Antisera to Pituitary Hormones and Their Specificity. Neuroendocrinology, 1985, 40, 471-475.	2.5	31
84	Cholecystokinin varies in the posterior pituitary and external median eminence of the rat according to factors affecting vasopressin and oxytocin. Life Sciences, 1983, 32, 2571-2577.	4.3	30
85	Immunohistochemical evidence for cholecystokinin-like peptides in neuronal cell bodies of the rat spinal cord. Cell and Tissue Research, 1982, 223, 463-467.	2.9	49