

# Christian F Deschepper

## List of Publications by Year in descending order

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85  
papers

4,768  
citations

159358

30  
h-index

98622

67  
g-index

86  
all docs

86  
docs citations

86  
times ranked

5594  
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. <i>Scientific Reports</i> , 2020, 10, 14900.	1.6	9
2	Viewing the male-specific chromosome Y in a new light. <i>European Journal of Human Genetics</i> , 2017, 25, 1177-1178.	1.4	1
3	Association of a Network of Interferon-Stimulated Genes with a Locus Encoding a Negative Regulator of Non-conventional IKK Kinases and IFN $\beta$ 1. <i>Cell Reports</i> , 2016, 17, 425-435.	2.9	4
4	Comparisons of chromosome Y-substituted mouse strains reveal that the male-specific chromosome modulates the effects of androgens on cardiac functions. <i>Biology of Sex Differences</i> , 2016, 7, 61.	1.8	5
5	Chromosome Y genetic variants: impact in animal models and on human disease. <i>Physiological Genomics</i> , 2015, 47, 525-537.	1.0	31
6	Dual Linkage of a Locus to Left Ventricular Mass and a Cardiac Gene Co-Expression Network Driven by a Chromosome Domain. <i>Frontiers in Cardiovascular Medicine</i> , 2014, 1, 11.	1.1	2
7	Characteristics of Trabeculated Myocardium Burden in Young and Apparently Healthy Adults. <i>American Journal of Cardiology</i> , 2014, 114, 1094-1099.	0.7	22
8	Differences in Cell-Type-Specific Responses to Angiotensin II Explain Cardiac Remodeling Differences in C57BL/6 Mouse Substrains. <i>Hypertension</i> , 2014, 64, 1040-1046.	1.3	22
9	iBMQ: a R/Bioconductor package for integrated Bayesian modeling of eQTL data. <i>Bioinformatics</i> , 2013, 29, 2797-2798.	1.8	10
10	Novel Effects of Chromosome Y on Cardiac Regulation, Chromatin Remodeling, and Neonatal Programming in Male Mice. <i>Endocrinology</i> , 2013, 154, 4746-4756.	1.4	14
11	Genome-Wide Detection of Gene Coexpression Domains Showing Linkage to Regions Enriched with Polymorphic Retrotransposons in Recombinant Inbred Mouse Strains. <i>G3: Genes, Genomes, Genetics</i> , 2013, 3, 597-605.	0.8	9
12	Network statistics of genetically-driven gene co-expression modules in mouse crosses. <i>Frontiers in Genetics</i> , 2013, 4, 291.	1.1	4
13	An Integrated Hierarchical Bayesian Model for Multivariate eQTL Mapping. <i>Statistical Applications in Genetics and Molecular Biology</i> , 2012, 11, .	0.2	21
14	Protective Effects of Aspirin from Cardiac Hypertrophy and Oxidative Stress in Cardiomyopathic Hamsters. <i>Oxidative Medicine and Cellular Longevity</i> , 2012, 2012, 1-8.	1.9	11
15	A high fat/high fructose (HF) diet does not exacerbate the metabolic or cardiac functional consequences induced by diabetes in C57Bl6j mice. <i>FASEB Journal</i> , 2012, 26, lb351.	0.2	0
16	Medial temporal lobe functioning and structure in the spontaneously hypertensive rat: Comparison with Wistar-Kyoto normotensive and Wistar-Kyoto hypertensive strains. <i>Hippocampus</i> , 2010, 20, 787-797.	0.9	21
17	Early predictors of cardiac decompensation in experimental volume overload. <i>Molecular and Cellular Biochemistry</i> , 2010, 338, 271-282.	1.4	25
18	Cardioprotective Actions of Cyclic GMP. <i>Hypertension</i> , 2010, 55, 453-458.	1.3	4

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19	Alterations in mitochondrial function as a harbinger of cardiomyopathy: Lessons from the dystrophic heart. <i>Journal of Molecular and Cellular Cardiology</i> , 2010, 48, 310-321.	0.9	43
20	Importance of randomization in microarray experimental designs with Illumina platforms. <i>Nucleic Acids Research</i> , 2009, 37, 5610-5618.	6.5	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. <i>BMC Genomics</i> , 2009, 10, 150.	1.2	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. <i>Journal of Molecular and Cellular Cardiology</i> , 2009, 46, 420-430.	0.9	56
23	Cyclic GMP signaling in cardiomyocytes modulates fatty acid trafficking and prevents triglyceride accumulation. <i>Journal of Molecular and Cellular Cardiology</i> , 2008, 45, 230-239.	0.9	29
24	Neonatal Oxygen Exposure in Rats Leads to Cardiovascular and Renal Alterations in Adulthood. <i>Hypertension</i> , 2008, 52, 889-895.	1.3	125
25	Sildenafil and cardiomyocyte-specific cGMP signaling prevent cardiomyopathic changes associated with dystrophin deficiency. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 7028-7033.	3.3	103
26	Advancing the spontaneous hypertensive rat model of attention deficit/hyperactivity disorder.. <i>Behavioral Neuroscience</i> , 2008, 122, 340-357.	0.6	78
27	Implication of Cyclophilin D and Permeability Transition Pore in Mitochondrial Vulnerability of Compensated Heart Hypertrophy. <i>FASEB Journal</i> , 2008, 22, 1238.17.	0.2	1
28	Hypertensive Cardiac Remodeling in Males and Females. <i>Hypertension</i> , 2007, 49, 401-407.	1.3	36
29	Fibroblast apoptosis precedes cardiomyocyte mass reduction during left ventricular remodeling in hypertensive rats treated with amlodipine. <i>Journal of Hypertension</i> , 2007, 25, 1291-1299.	0.3	11
30	Cardiac mass and cardiomyocyte size are governed by different genetic loci on either autosomes or chromosome Y in recombinant inbred mice. <i>Physiological Genomics</i> , 2007, 31, 176-182.	1.0	19
31	Compensated volume overload increases the vulnerability of heart mitochondria without affecting their functions in the absence of stress. <i>Journal of Molecular and Cellular Cardiology</i> , 2006, 41, 998-1009.	0.9	45
32	Genetic Determinants of Systolic and Pulse Pressure in an Intercross Between Normotensive Inbred Rats. <i>Hypertension</i> , 2006, 48, 921-926.	1.3	11
33	A Genetic Locus Accentuates the Effect of Volume Overload on Adverse Left Ventricular Remodeling in Male and Female Rats. <i>Hypertension</i> , 2006, 47, 128-133.	1.3	8
34	Distinct QTLs are linked to cardiac left ventricular mass in a sex-specific manner in a normotensive inbred rat intercross. <i>Mammalian Genome</i> , 2005, 16, 700-711.	1.0	9
35	Dietary isoflavones during pregnancy and lactation provide cardioprotection to offspring rats in adulthood. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005, 289, H715-H721.	1.5	21
36	The Many Possible Benefits of Natriuretic Peptides After Myocardial Infarction. <i>Hypertension</i> , 2005, 46, 271-272.	1.3	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. <i>Vascular Disease Prevention</i> , 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. <i>Journal of Applied Physiology</i> , 2004, 97, 369-376.	1.2	65
39	The Collaborative Cross, a community resource for the genetic analysis of complex traits. <i>Nature Genetics</i> , 2004, 36, 1133-1137.	9.4	1,034
40	Comparative effects of a vasopeptidase inhibitor vs. an angiotensin converting enzyme inhibitor on cardiomyocyte apoptosis in rats with heart failure. <i>Molecular and Cellular Biochemistry</i> , 2003, 254, 235-245.	1.4	6
41	Dissociation of coronary artery contractile hyperreactivity from hypertension. <i>American Journal of Hypertension</i> , 2003, 16, 570-576.	1.0	4
42	Expression of Constitutively Active Guanylate Cyclase in Cardiomyocytes Inhibits the Hypertrophic Effects of Isoproterenol and Aortic Constriction on Mouse Hearts. <i>Journal of Biological Chemistry</i> , 2003, 278, 47694-47699.	1.6	77
43	Uncovering genes associated with human cardiovascular risk. <i>Journal of Hypertension</i> , 2003, 21, 1445-1446.	0.3	1
44	In Search of Cardiovascular Candidate Genes. <i>Hypertension</i> , 2002, 39, 332-336.	1.3	45
45	Beneficial Effects of Long-Term Use of the Antioxidant Probucol in Heart Failure in the Rat. <i>Circulation</i> , 2002, 105, 2549-2555.	1.6	133
46	Characterization of myocardium, isolated cardiomyocytes, and blood pressure in WKHA and WKY rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002, 282, H149-H155.	1.5	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. <i>Journal of Hypertension</i> , 2002, 20, 1127-1134.	0.3	55
48	Comparisons of Behavioral and Neurochemical Characteristics between WKY, WKHA, and Wistar Rat Strains. <i>Neuropsychopharmacology</i> , 2002, 27, 400-409.	2.8	77
49	Cyclic GMP Inhibits a Pharmacologically Distinct Na <sup>+</sup> /H <sup>+</sup> Exchanger Variant in Cultured Rat Astrocytes via an Extracellular Site of Action. <i>Journal of Neurochemistry</i> , 2002, 68, 1451-1461.	2.1	34
50	M13-Tailed Primers Improve the Readability and Usability of Microsatellite Analyses Performed with Two Different Allele- Sizing Methods. <i>BioTechniques</i> , 2001, 31, 25-28.	0.8	527
51	Functional Alterations of the Nppa Promoter Are Linked to Cardiac Ventricular Hypertrophy in WKY/WKHA Rat Crosses. <i>Circulation Research</i> , 2001, 88, 223-228.	2.0	41
52	High salt intake differentially regulates kidney angiotensin IV AT4 receptors in Wistar-Kyoto and spontaneously hypertensive rats. <i>Life Sciences</i> , 1999, 64, 1811-1818.	2.0	13
53	Peptide Receptors on Astrocytes. <i>Frontiers in Neuroendocrinology</i> , 1998, 19, 20-46.	2.5	27
54	The renin-angiotensin system in hybrid NG108-15 cells. <i>Regulatory Peptides</i> , 1998, 77, 9-15.	1.9	5

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55	Evidence for intracellular generation of angiotensin II in rat juxtaglomerular cells. <i>FEBS Letters</i> , 1998, 422, 395-399.	1.3	33
56	Tissue Targeting of Angiotensin Peptides. <i>Journal of Biological Chemistry</i> , 1997, 272, 12994-12999.	1.6	26
57	Prorenin activation and prohormone convertases in the mouse As4.1 cell line. <i>Kidney International</i> , 1997, 51, 104-109.	2.6	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-NAME-Treated Spontaneously Hypertensive Rats. <i>Hypertension</i> , 1996, 27, 49-55.	1.3	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 <sup>l</sup> -Nitro-l-Arginine Methyl Ester. <i>Hypertension</i> , 1996, 28, 188-195.	1.3	26
61	Identification and cellular localization of protein kinase C isoforms in cultures of rat type-1 astrocytes. <i>Brain Research</i> , 1995, 701, 297-300.	1.1	8
62	The membranes of cultured rat brain astrocytes contain endothelin-converting enzyme activity. <i>European Journal of Pharmacology</i> , 1995, 275, 61-66.	1.7	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. <i>Regulatory Peptides</i> , 1995, 57, 55-63.	1.9	15
64	Angiotensinogen: Hormonal regulation and relative importance in the generation of angiotensin II. <i>Kidney International</i> , 1994, 46, 1561-1563.	2.6	40
65	Immunocytochemical and functional characterization of an immortalized type 1 astrocytic cell line. <i>Brain Research</i> , 1994, 642, 221-227.	1.1	8
66	Effects of C-type Natriuretic Peptide on Rat Astrocytes: Regional Differences and Characterization of Receptors. <i>Journal of Neurochemistry</i> , 1994, 62, 1974-1982.	2.1	35
67	Characterization of plasma proteins secreted by cultured rat macroglial cells. <i>Glia</i> , 1993, 7, 121-133.	2.5	32
68	Neurosteroid biosynthesis: genes for adrenal steroidogenic enzymes are expressed in the brain. <i>Brain Research</i> , 1993, 629, 283-292.	1.1	374
69	Demonstration of Androgen-Binding Protein Gene Expression in Primary Neuronal and Astrocyte Cultures. <i>Molecular and Cellular Neurosciences</i> , 1993, 4, 432-439.	1.0	6
70	Characterization and distribution of angiotensin II binding sites in fetal and neonatal astrocytes from different rat brain regions. <i>Brain Research</i> , 1992, 585, 372-376.	1.1	24
71	Experimental basis for increasing the therapeutic index of cis-diamminedicarbonylcyclobutaneplatinum(II) in brain tumor therapy by a high-zinc diet. <i>Cancer Chemotherapy and Pharmacology</i> , 1992, 29, 219-226.	1.1	7
72	The renin-angiotensin system in the pituitary gland. <i>Trends in Endocrinology and Metabolism</i> , 1991, 2, 104-107.	3.1	17

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73	Production of thrombin and antithrombin III by brain and astroglial cell cultures. <i>Molecular Brain Research</i> , 1991, 11, 355-358.	2.5	87
74	Distribution of Angiotensinogen Immunoreactivity in Rat Anterior Pituitary Glands. <i>Experimental Biology and Medicine</i> , 1991, 197, 304-309.	1.1	8
75	Angiotensinogen production by rat astroglial cells in vitro and in vivo. <i>Neuroscience</i> , 1990, 34, 545-554.	1.1	71
76	Renin-Angiotensin System in the Anterior Pituitary of the Rat. <i>American Journal of Hypertension</i> , 1989, 2, 320-322.	1.0	28
77	Expression of the gene for the atrial natriuretic peptide in cardiac myocytes in vitro. <i>Cardiovascular Drugs and Therapy</i> , 1988, 2, 479-486.	1.3	10
78	In situ hybridization identifies renin mRNA in the rat corpus luteum. <i>Gynecological Endocrinology</i> , 1987, 1, 227-233.	0.7	23
79	Interference of eluates from octadecyl cartridges with an angiotensin II radioimmunoassay. <i>Peptides</i> , 1986, 7, 365-367.	1.2	13
80	Colocalization of angiotensinogen and glial fibrillary acidic protein in astrocytes in rat brain. <i>Brain Research</i> , 1986, 374, 195-198.	1.1	117
81	Extra-atrial expression of the gene for atrial natriuretic factor.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1986, 83, 6697-6701.	3.3	219
82	Analysis by immunocytochemistry and in situ hybridization of renin and its mRNA in kidney, testis, adrenal, and pituitary of the rat.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1986, 83, 7552-7556.	3.3	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. <i>Neuroendocrinology</i> , 1985, 40, 471-475.	1.2	31
84	Cholecystokinin varies in the posterior pituitary and external median eminence of the rat according to factors affecting vasopressin and oxytocin. <i>Life Sciences</i> , 1983, 32, 2571-2577.	2.0	30
85	Immunohistochemical evidence for cholecystokinin-like peptides in neuronal cell bodies of the rat spinal cord. <i>Cell and Tissue Research</i> , 1982, 223, 463-467.	1.5	49