Ger J Van Der Vusse

List of Publications by Year
in descending order

45 papers	2,167 citations	279798 23 h-index	265206 42 g-index
47 all docs	47 docs citations	47 times ranked	2711 citing authors

#	Article	IF	Citations
1	Albumin as Fatty Acid Transporter. Drug Metabolism and Pharmacokinetics, 2009, 24, 300-307.	2.2	329
2	Impaired Long-Chain Fatty Acid Utilization by Cardiac Myocytes Isolated From Mice Lacking the Heart-Type Fatty Acid Binding Protein Gene. Circulation Research, 1999, 85, 329-337.	4.5	195
3	Title is missing!. Molecular and Cellular Biochemistry, 2002, 239, 213-219.	3.1	133
4	Evolution of the family of intracellular lipid binding proteins in vertebrates. Molecular and Cellular Biochemistry, 2002, 239, 69-77.	3.1	127
5	One-Step Enzyme-Linked Immunosorbent Assay (ELISA) for Plasma Fatty Acid-Binding Protein. Annals of Clinical Biochemistry, 1997, 34, 263-268.	1.6	104
6	Microcalcifications in Early Intimal Lesions of Atherosclerotic Human Coronary Arteries. American Journal of Pathology, 2011, 178, 2879-2887.	3.8	96
7	On the Mechanism of Long Chain Fatty Acid Transport in Cardiomyocytes as Facilitated by Cytoplasmic Fatty Acid-binding Protein. Journal of Theoretical Biology, 1993, 160, 207-222.	1.7	86
8	Transmural changes in mast cell density in rat heart after infarct induction <i>in vivo</i>. Journal of Pathology, 1995, 177, 423-429.	4.5	84
9	Fatty acid-binding proteins in the heart. Molecular and Cellular Biochemistry, 1998, 180, 43-51.	3.1	77
10	Utilization of lipids during exercise in human subjects: metabolic and dietary constraints. British Journal of Nutrition, 1998, 79, 117-128.	2.3	74
11	Transcriptional regulation of metabolic processes: implications for cardiac metabolism. Pflugers Archiv European Journal of Physiology, 1998, 437, 2-14.	2.8	71
12	A sensitive immunoassay for rat fatty acid translocase (CD36) using phage antibodies selected on cell transfectants: abundant presence of fatty acid translocase/CD36 in cardiac and red skeletal muscle and up-regulation in diabetes. Biochemical Journal, 1999, 337, 407-414.	3.7	66
13	Critical steps in cellular fatty acid uptake and utilization. Molecular and Cellular Biochemistry, 2002, 239, 9-15.	3.1	62
14	Intracellular transport of lipids. Molecular and Cellular Biochemistry, 1989, 88, 37-44.	3.1	58
15	Peroxisome proliferator-activated receptors: Lipid binding proteins controling gene expression. Molecular and Cellular Biochemistry, 2002, 239, 131-138.	3.1	58
16	Intra-Section Analysis of Human Coronary Arteries Reveals a Potential Role for Micro-Calcifications in Macrophage Recruitment in the Early Stage of Atherosclerosis. PLoS ONE, 2015, 10, e0142335.	2.5	50
17	Hypertension Is a Conditional Factor for the Development of Cardiac Hypertrophy in Type 2 Diabetic Mice. PLoS ONE, 2014, 9, e85078.	2.5	40
18	Cellular lipid binding proteins as facilitators and regulators of lipid metabolism. Molecular and Cellular Biochemistry, 2002, 239, 3-7.	3.1	39

#	Article	IF	Citations
19	Ischemia And Reperfusion Induced Alterations In Membrane Phospholipids: An Overview a. Annals of the New York Academy of Sciences, 1994, 723, 1-14.	3.8	34
20	Title is missing!. Molecular and Cellular Biochemistry, 1999, 192, 53-61.	3.1	34
21	Significance of myocardial eicosanoid production. Molecular and Cellular Biochemistry, 1989, 88, 113-121.	3.1	32
22	Fatty Acid Transfer Across the Myocardial Capillary Wall: No Evidence of a Substantial Role for Cytoplasmic Fatty Acid-binding Protein. Journal of Molecular and Cellular Cardiology, 1994, 26, 1635-1647.	1.9	30
23	Ischemic-reperfused isolated working mouse hearts: membrane damage and type IIA phospholipase A2. American Journal of Physiology - Heart and Circulatory Physiology, 2001, 280, H2572-H2580.	3.2	29
24	Critical steps in cellular fatty acid uptake and utilization. , 2002, 239, 9-15.		27
25	Title is missing!. Molecular and Cellular Biochemistry, 1998, 180, 65-73.	3.1	20
26	Chronic catecholamine depletion switches myocardium from carbohydrate to lipid utilisation. Cardiovascular Drugs and Therapy, 2001, 15, 111-117.	2.6	18
27	Heat stress pretreatment mitigates postischemic arachidonic acid accumulation in rat heart. Molecular and Cellular Biochemistry, 1998, 185, 205-211.	3.1	17
28	Concomitant accumulation of intracellular free calcium and arachidonic acid in the ischemic-reperfused rat heart. Molecular and Cellular Biochemistry, 2001, 226, 119-128.	3.1	17
29	Myocardial fatty acid homeostasis. Molecular and Cellular Biochemistry, 1989, 88, 1-6.	3.1	14
30	Mast cell-mediated induction of ICAM-1, VCAM-1 and E-selectin in endothelial cells in vitro: constitutive release of inducing mediators but no effect of degranulation. Pflugers Archiv European Journal of Physiology, 1997, 435, 137-144.	2.8	13
31	Differential expression and localization of annexin V in cardiac myocytes during growth and hypertrophy. Molecular and Cellular Biochemistry, 1998, 178, 229-236.	3.1	13
32	Acute and sustained effects of isometric and lengthening muscle contractions on high-energy phosphates and glycogen metabolism in rat tibialis anterior muscle. Journal of Muscle Research and Cell Motility, 1998, 19, 373-380.	2.0	12
33	Computational evidence for protein-mediated fatty acid transport across the sarcolemma. Biochemical Journal, 2006, 393, 669-678.	3.7	11
34	Degradation of phospholipids and triacylglycerol, and accumulation of fatty acids in anoxic myocardial tissue, disrupted by freeze-thawing. Molecular and Cellular Biochemistry, 1989, 88, 83-90.	3.1	9
35	Depletion of endogenous dopamine stores and shift in beta-adrenoceptor subtypes in cardiac tissue following five weeks of chronic denervation. Molecular and Cellular Biochemistry, 1998, 183, 215-219.	3.1	9
36	Enzyme activity of rat tibialis anterior muscle differs between treatment with triamcinolone and prednisolone and nutritional deprivation. European Journal of Applied Physiology, 1999, 79, 274-279.	2.5	9

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37	Dual effect of tannic acid on the preservation and ultrastructure of phosphatidyl choline vesicles. Molecular and Cellular Biochemistry, 1989, 88, 91-96.	3.1	8
38	Protein acylation in the cardiac muscle like cell line, H9c2. Molecular and Cellular Biochemistry, 2002, 239, 101-112.	3.1	8
39	Modeling Fatty Acid Transfer from Artery to Cardiomyocyte. PLoS Computational Biology, 2015, 11, e1004666.	3.2	6
40	The nucleotide metabolism in lactate perfused hearts under ischaemic and reperfused conditions. Molecular and Cellular Biochemistry, 1992, 118, 1-14.	3.1	5
41	Intra-cardiac transfer of fatty acids from capillary to cardiomyocyte. PLoS ONE, 2022, 17, e0261288.	2.5	2
42	Dimensions of compartments and membrane surfaces in the intact rabbit heart of importance in studies on intramyocardial transfer of blood-borne substances. Histology and Histopathology, 2016, 31, 51-62.	0.7	2
43	System identification to analyse changed kinetics of SERCA in intact rat heart. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2003, 36, 123-128.	0.4	1
44	Membrane-Associated Fatty Acid Binding Proteins Regulate Fatty Acid Uptake by Cardiac and Skeletal Muscle. , 0, , 343-358.		0
45	Academische vorming in het medisch curriculum: noodzaak of luxe?. Tijdschrift Voor Medisch Onderwijs, 2011, 30, 315-323.	0.0	0