

Martin KrÃ¸yer Rasmussen

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

1,424
citations

331670

21
h-index

361022

35
g-index

61
all docs

61
docs citations

61
times ranked

1704
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of two different intense training regimens on skeletal muscle ion transport proteins and fatigue development. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 292, R1594-R1602.	1.8	171
2	Angiotensin converting enzyme-inhibitory peptides from bovine collagen: insights into inhibitory mechanism and transepithelial transport. <i>Food Research International</i> , 2016, 89, 373-381.	6.2	70
3	Comparison of xenobiotic-metabolising human, porcine, rodent, and piscine cytochrome P450. <i>Toxicology</i> , 2017, 375, 10-27.	4.2	68
4	Regulation of 3 β -Hydroxysteroid Dehydrogenase/5 β - Δ^4 Isomerase: A Review. <i>International Journal of Molecular Sciences</i> , 2013, 14, 17926-17942.	4.1	65
5	Gender-related Differences in Cytochrome P450 in Porcine Liver – Implication for Activity, Expression and Inhibition by Testicular Steroids. <i>Reproduction in Domestic Animals</i> , 2011, 46, 616-623.	1.4	61
6	Classification of wooden breast myopathy in chicken <i>pectoralis major</i> by a standardised method and association with conventional quality assessments. <i>International Journal of Food Science and Technology</i> , 2018, 53, 1744-1752.	2.7	58
7	Comparison of cytochrome P450 concentrations and metabolic activities in porcine hepatic microsomes prepared with two different methods. <i>Toxicology in Vitro</i> , 2011, 25, 343-346.	2.4	50
8	Skatole (3-Methylindole) Is a Partial Aryl Hydrocarbon Receptor Agonist and Induces CYP1A1/2 and CYP1B1 Expression in Primary Human Hepatocytes. <i>PLoS ONE</i> , 2016, 11, e0154629.	2.5	50
9	High resolution magic angle spinning NMR spectroscopy reveals that pectoralis muscle dystrophy in chicken is associated with reduced muscle content of anserine and carnosine. <i>Food Chemistry</i> , 2017, 217, 151-154.	8.2	47
10	In vivo effect of dried chicory root (<i>Cichorium intybus</i> L.) on xenobiotica metabolising cytochrome P450 enzymes in porcine liver. <i>Toxicology Letters</i> , 2011, 200, 88-91.	0.8	43
11	Exercise-induced regulation of phospholemman (FXD1) in rat skeletal muscle: implications for Na ⁺ /K ⁺ -ATPase activity. <i>Acta Physiologica</i> , 2008, 194, 67-79.	3.8	40
12	Activation of the aryl hydrocarbon receptor decreases rifampicin-induced CYP3A4 expression in primary human hepatocytes and HepaRG. <i>Toxicology Letters</i> , 2017, 277, 1-8.	0.8	35
13	Expression and activities of hepatic cytochrome P450 (CYP1A, CYP2A and CYP2E1) in entire and castrated male pigs. <i>Animal</i> , 2012, 6, 271-277.	3.3	34
14	Regulation of cytochrome P450 mRNA expression in primary porcine hepatocytes by selected secondary plant metabolites from chicory (<i>Cichorium intybus</i> L.). <i>Food Chemistry</i> , 2014, 146, 255-263.	8.2	32
15	Na ⁺ /K ⁺ pump location and translocation during muscle contraction in rat skeletal muscle. <i>Pflügers Archiv European Journal of Physiology</i> , 2008, 456, 979-989.	2.8	30
16	Regulation of Porcine Hepatic Cytochrome P450 – Implication for Boar Taint. <i>Computational and Structural Biotechnology Journal</i> , 2014, 11, 106-112.	4.1	30
17	<i>In Vitro</i> Gender-Dependent Inhibition of Porcine Cytochrome P450 Activity by Selected Flavonoids and Phenolic Acids. <i>BioMed Research International</i> , 2015, 2015, 1-7.	1.9	29
18	Taste receptors in the gut – A new target for health promoting properties in diet. <i>Food Research International</i> , 2017, 100, 1-8.	6.2	29

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19	Feeding dried chicory root to pigs decrease androstenone accumulation in fat by increasing hepatic 3β hydroxysteroid dehydrogenase expression. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2012, 130, 90-95.	2.5	24
20	The effects of sewage treatment plant effluents on hepatic and intestinal biomarkers in common carp (<i>Cyprinus carpio</i>). <i>Science of the Total Environment</i> , 2018, 635, 1160-1169.	8.0	23
21	<i>In Vitro</i> Cytochrome P450 2E1 and 2A Activities in the Presence of Testicular Steroids. <i>Reproduction in Domestic Animals</i> , 2011, 46, 149-154.	1.4	22
22	Constitutive expression and activity of cytochrome P450 in conventional pigs. <i>Research in Veterinary Science</i> , 2017, 111, 75-80.	1.9	22
23	Immunocastration of Male Pigs – Situation Today. <i>Procedia Food Science</i> , 2015, 5, 324-327.	0.6	21
24	Impact of fasting followed by short-term exposure to interleukin-6 on cytochrome P450 mRNA in mice. <i>Toxicology Letters</i> , 2018, 282, 93-99.	0.8	21
25	Background Diet Influences TMAO Concentrations Associated with Red Meat Intake without Influencing Apparent Hepatic TMAO-Related Activity in a Porcine Model. <i>Metabolites</i> , 2020, 10, 57.	2.9	21
26	Brain foods - the role of diet in brain performance and health. <i>Nutrition Reviews</i> , 2021, 79, 693-708.	5.8	21
27	Skeletal Muscle Interleukin-6 Regulates Hepatic Cytochrome P450 Expression: Effects of 16-Week High-Fat Diet and Exercise. <i>Toxicological Sciences</i> , 2018, 162, 309-317.	3.1	20
28	Effects of Calcium Source, Inulin, and Lactose on Gut-Bone Associations in an Ovariectomized Rat Model. <i>Molecular Nutrition and Food Research</i> , 2022, 66, e2100883.	3.3	19
29	Effects of Multi-Component Mixtures from Sewage Treatment Plant Effluent on Common Carp (<i>Cyprinus carpio</i>) under Fully Realistic Condition. <i>Environmental Management</i> , 2019, 63, 466-484.	2.7	18
30	Supplementation of sows with L-Arginine during gestating and lactation affects muscle traits of offspring related with postnatal growth and meat quality: From conception to consumption. <i>Meat Science</i> , 2019, 152, 58-64.	5.5	15
31	Exercise-induced regulation of muscular Na ⁺ -K ⁺ pump, FXD1, and NHE1 mRNA and protein expression: importance of training status, intensity, and muscle type. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2011, 300, R1209-R1220.	1.8	14
32	Bovine Satellite Cells Isolated after 2 and 5 Days of Tissue Storage Maintain the Proliferative and Myogenic Capacity Needed for Cultured Meat Production. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8376.	4.1	14
33	Expression of hepatic 3β -hydroxysteroid dehydrogenase and sulfotransferase 2A1 in entire and castrated male pigs. <i>Molecular Biology Reports</i> , 2012, 39, 7927-7932.	2.3	13
34	Chestnut wood extract in boar diet reduces intestinal skatole production, a boar taint compound. <i>Agronomy for Sustainable Development</i> , 2016, 36, 1.	5.3	13
35	Porcine cytochrome 2A19 and 2E1. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2019, 124, 32-39.	2.5	13
36	Dried chicory root modifies the activity and expression of porcine hepatic CYP3A but not 2C – Effect of in vitro and in vivo exposure. <i>Food and Chemical Toxicology</i> , 2012, 50, 4175-4179.	3.6	12

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37	Does dexamethasone affect hepatic CYP450 system of fish? Semi-static in-vivo experiment on juvenile rainbow trout. <i>Chemosphere</i> , 2015, 139, 155-162.	8.2	12
38	Regulation of 3 β -hydroxysteroid dehydrogenase and sulphotransferase 2A1 gene expression in primary porcine hepatocytes by selected sex-steroids and plant secondary metabolites from chicory (<i>Cichorium intybus</i> L.) and wormwood (<i>Artemisia</i> sp.). <i>Gene</i> , 2014, 536, 53-58.	2.2	11
39	Gender-related differences in the formation of skatole metabolites by specific CYP450 in porcine hepatic S9 fractions. <i>Animal</i> , 2015, 9, 635-642.	3.3	11
40	Induction of cytochrome P450 mRNA in porcine primary hepatocytes cultured under serum free conditions: Comparison of freshly isolated cells and cryopreserved. <i>Experimental Cell Research</i> , 2017, 360, 218-225.	2.6	11
41	In vitro effects of rebaudioside A, stevioside and steviol on porcine cytochrome p450 expression and activity. <i>Food Chemistry</i> , 2018, 258, 245-253.	8.2	11
42	Sex dictates the constitutive expression of hepatic cytochrome P450 isoforms in Göttingen minipigs. <i>Toxicology Letters</i> , 2019, 314, 181-186.	0.8	11
43	Constitutive expression of cytochrome P450 in foetal and adult porcine livers – Effects of body weight. <i>Toxicology Letters</i> , 2016, 258, 87-92.	0.8	10
44	Porcine cytochrome P450 3A: current status on expression and regulation. <i>Archives of Toxicology</i> , 2020, 94, 1899-1914.	4.2	9
45	Primary hepatocytes isolated from human and porcine donors display similar patterns of cytochrome p450 expression following exposure to prototypical activators of AhR, CAR and PXR. <i>Current Research in Toxicology</i> , 2021, 2, 149-158.	2.7	9
46	Tissue-specific expression and activity of cytochrome P450 1A and 3A in rainbow trout (<i>Oncorhynchus mykiss</i>) Tj ETQq0 0,0 rGBT /Oyerlock 10	0.8	8
47	Improvac does not modify the expression and activities of the major drug metabolizing enzymes cytochrome P450 3A and 2C in pigs. <i>Vaccine</i> , 2012, 30, 3515-3518.	3.8	6
48	Whole Milk Increases Intestinal <i>ANGPTL4</i> Expression and Excretion of Fatty Acids through Feces and Urine. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 281-290.	5.2	6
49	Co-treatment with indole-3-carbinol and resveratrol modify porcine CYP1A and CYP3A activities and expression. <i>Xenobiotica</i> , 2018, 48, 232-240.	1.1	6
50	In vitro inhibition of porcine cytochrome P450 by 17 β -estradiol and 17 α -estradiol. <i>Interdisciplinary Toxicology</i> , 2011, 4, 78-84.	1.0	5
51	End-product inhibition of skatole-metabolising enzymes CYP1A, CYP2A19 and CYP2E1 in porcine and piscine hepatic microsomes. <i>Toxicology Letters</i> , 2019, 303, 67-71.	0.8	5
52	Hepatic PGC-1 α is not essential for fasting-induced cytochrome p450 regulation in mouse liver. <i>Biochemical Pharmacology</i> , 2020, 172, 113736.	4.4	5
53	Comparable constitutive expression and activity of cytochrome P450 between the lobes of the porcine liver. <i>Toxicology in Vitro</i> , 2014, 28, 1190-1195.	2.4	4
54	Tissue-specific regulation of CYP3A by hydrolysable tannins in male pigs. <i>Xenobiotica</i> , 2016, 46, 591-596.	1.1	4

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55	7-Hydroxylation of warfarin is strongly inhibited by sesamin, but not by episesamin, caffeic and ferulic acids in human hepatic microsomes. <i>Food and Chemical Toxicology</i> , 2018, 113, 14-18.	3.6	4
56	Differentially expressed marker genes and glycogen levels in pectoralis major of Ross308 broilers with wooden breast syndrome indicates stress, inflammation and hypoxic conditions. <i>Food Chemistry Molecular Sciences</i> , 2020, 1, 100001.	2.1	4
57	Reply to Bishop and Schneiker. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 293, R1460-R1460.	1.8	1
58	Time-dependent regulation of hepatic cytochrome P450 mRNA in male liver-specific PGC-1 β knockout mice. <i>Toxicology</i> , 2022, 469, 153121.	4.2	1
59	Curcumin and quercetin modify warfarin-induced regulation of porcine CYP1A2 and CYP3A expression and activity <i>in vitro</i> . <i>Xenobiotica</i> , 2022, 52, 435-441.	1.1	1
60	In vitro differentiation of progenitor cells isolated from juvenile pig hearts – expression of relevant gene and protein markers. <i>Scandinavian Cardiovascular Journal</i> , 2018, 52, 34-42.	1.2	0