Jakob Hansen

List of Publications by Year
in descending order

37 papers	1,034 citations	394421 19 h-index	434195 31 g-index
37 all docs	37 docs citations	37 times ranked	1897 citing authors

#	Article	IF	Citations
1	Tibial bone and soft-tissue concentrations following combination therapy with vancomycin and meropenem â€“ evaluated by microdialysis in a porcine model. Bone and Joint Research, 2022, 11, 112-120.	3.6	4
2	Steady-state concentrations of flucloxacillin in porcine vertebral cancellous bone and intervertebral disc following oral and intravenous administration assessed by microdialysis. European Spine Journal, 2022, , 1.	2.2	0
3	Flucloxacillin bone and soft tissue concentrations assessed by microdialysis in pigs after intravenous and oral administration. Bone and Joint Research, 2021, 10, 60-67.	3.6	7
4	Cardioprotection by remote ischemic conditioning is transferable by plasma and mediated by extracellular vesicles. Basic Research in Cardiology, 2021, 116, 16.	5.9	29
5	Cardioprotective effects of empagliflozin after ischemia and reperfusion in rats. Scientific Reports, 2021, 11, 9544.	3.3	18
6	Variants in the <scp>ethylmalonylâ€CoA</scp> decarboxylase (<scp>ECHDC1</scp>) gene: a novel player in ethylmalonic aciduria?. Journal of Inherited Metabolic Disease, 2021, 44, 1215-1225.	3.6	4
7	Stability investigations of cytochrome P450 (CYP) enzymes immediately after death in a pig model support the applicability of postmortem hepatic CYP quantification. Pharmacology Research and Perspectives, 2021, 9, e00860.	2.4	1
8	Cardioprotective effect of combination therapy by mild hypothermia and local or remote ischemic preconditioning in isolated rat hearts. Scientific Reports, 2021, 11, 265.	3.3	2
9	SGLT2 Inhibition Does Not Affect Myocardial Fatty Acid Oxidation or Uptake, but Reduces Myocardial Glucose Uptake and Blood Flow in Individuals With Type 2 Diabetes: A Randomized Double-Blind, Placebo-Controlled Crossover Trial. Diabetes, 2021, 70, 800-808.	0.6	32
10	Increased antioxidant response in medium-chain acyl-CoA dehydrogenase deficiency: does lipoic acid have a protective role?. Pediatric Research, 2020, 88, 556-564.	2.3	4
11	ReactELISA method for quantifying methylglyoxal levels in plasma and cell cultures. Redox Biology, 2019, 26, 101252.	9.0	18
12	Postmortem protein stability investigations of the human hepatic drug-metabolizing cytochrome P450 enzymes CYP1A2 and CYP3A4 using mass spectrometry. Journal of Proteomics, 2019, 194, 125-131.	2.4	6
13	Regional cerebral effects of ketone body infusion with 3-hydroxybutyrate in humans: Reduced glucose uptake, unchanged oxygen consumption and increased blood flow by positron emission tomography. A randomized, controlled trial. PLoS ONE, 2018, 13, e0190556.	2.5	59
14	Anabolic effects of leucine-rich whey protein, carbohydrate, and soy protein with and without Î²-hydroxy-Î²-methylbutyrate (HMB) during fasting-induced catabolism: A human randomized crossover trial. Clinical Nutrition, 2017, 36, 697-705.	5.0	31
15	Ketone Body Infusion With 3â€Hydroxybutyrate Reduces Myocardial Glucose Uptake and Increases Blood Flow in Humans: A Positron Emission Tomography Study. Journal of the American Heart Association, 2017, 6, .	3.7	144
16	Untargeted metabolomics reveals a mild impact of remote ischemic conditioning on the plasma metabolome and Î±-hydroxybutyrate as a possible cardioprotective factor and biomarker of tissue ischemia. Metabolomics, 2017, 13, 67.	3.0	15
17	Ketone Body Acetoacetate Buffers Methylglyoxal via a Non-enzymatic Conversion during Diabetic and Dietary Ketosis. Cell Chemical Biology, 2017, 24, 935-943.e7.	5.2	32
18	Saffold virus infection associated with human myocarditis. Journal of Clinical Virology, 2016, 74, 78-81.	3.1	9

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19	Characteristics of human infant primary fibroblast cultures from Achilles tendons removed post-mortem. Forensic Science International, 2014, 234, 149-153.	2.2	3
20	The presence of enterovirus, adenovirus, and parvovirus B19 in myocardial tissue samples from autopsies: an evaluation of their frequencies in deceased individuals with myocarditis and in non-inflamed control hearts. Forensic Science, Medicine, and Pathology, 2014, 10, 344-350.	1.4	26
21	DNA and RNA analysis of blood and muscle from bodies with variable postmortem intervals. Forensic Science, Medicine, and Pathology, 2014, 10, 322-328.	1.4	39
22	Development of a chemical probe for identifying protein targets of Î±-oxoaldehydes. Chemical Communications, 2013, 49, 4012.	4.1	33
23	Heat stress and sudden infant death syndromeâ€"Stress gene expression after exposure to moderate heat stress. Forensic Science International, 2013, 232, 16-24.	2.2	7
24	The LMNA mutation p.Arg321Ter associated with dilated cardiomyopathy leads to reduced expression and a skewed ratio of lamin A and lamin C proteins. Experimental Cell Research, 2013, 319, 3010-3019.	2.6	23
25	Heterozygosity for an inâ€frame deletion causes glutarylâ€CoA dehydrogenase deficiency in a patient detected by newborn screening: investigation of the effect of the mutant allele. Journal of Inherited Metabolic Disease, 2012, 35, 787-796.	3.6	9
26	Mitochondrial proteomicsâ€"a tool for the study of metabolic disorders. Journal of Inherited Metabolic Disease, 2012, 35, 715-726.	3.6	44
27	Quantitative Proteomics Reveals Cellular Targets of Celastrol. PLoS ONE, 2011, 6, e26634.	2.5	48
28	A cell model to study different degrees of Hsp60 deficiency in HEK293 cells. Cell Stress and Chaperones, 2011, 16, 633-640.	2.9	14
29	A Cellular Viability Assay to Monitor Drug Toxicity. Methods in Molecular Biology, 2010, 648, 303-311.	0.9	51
30	Inactivation of the hereditary spastic paraplegia-associated Hspd1 gene encoding the Hsp60 chaperone results in early embryonic lethality in mice. Cell Stress and Chaperones, 2010, 15, 851-863.	2.9	83
31	Measuring Consequences of Protein Misfolding and Cellular Stress Using OMICS Techniques. Methods in Molecular Biology, 2010, 648, 119-135.	0.9	2
32	The Hsp60-(p.V98I) Mutation Associated with Hereditary Spastic Paraplegia SPG13 Compromises Chaperonin Function Both in Vitro and in Vivo. Journal of Biological Chemistry, 2008, 283, 15694-15700.	3.4	80
33	A novel mutation in the HSPD1 gene in a patient with hereditary spastic paraplegia. Journal of Neurology, 2007, 254, 897-900.	3.6	51
34	Single-nucleotide variations in the genes encoding the mitochondrial Hsp60/Hsp10 chaperone system and their disease-causing potential. Journal of Human Genetics, 2007, 52, 56-65.	2.3	29
35	Differential degradation of variant medium-chain acyl-CoA dehydrogenase by the protein quality control proteases Lon and ClpXP. Biochemical and Biophysical Research Communications, 2005, 333, 1160-1170.	2.1	12
36	Down-regulation of Hsp60 expression by RNAi impairs folding of medium-chain acyl-CoA dehydrogenase wild-type and disease-associated proteins. Molecular Genetics and Metabolism, 2005, 85, 260-270.	1.1	36

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37	The Y42H mutation in medium-chain acyl-CoA dehydrogenase, which is prevalent in babies identified by MS/MS-based newborn screening, is temperature sensitive. FEBS Journal, 2004, 271, 4053-4063.	0.2	29