

Jens Lykkesfeldt

List of Publications by Year in descending order

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Version: 2024-02-01

238
papers

10,667
citations

34105

52
h-index

38395

95
g-index

249
all docs

249
docs citations

249
times ranked

13705
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficacy of fibroblast growth factor 21 in non-alcoholic fatty liver disease in guinea pigs. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2022, 130, 385-393.	2.5	3
2	NPFF Decreases Activity of Human Arcuate NPY Neurons: A Study in Embryonic-Stem-Cell-Derived Model. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3260.	4.1	4
3	Estimation of Vitamin C Intake Requirements Based on Body Weight: Implications for Obesity. <i>Nutrients</i> , 2022, 14, 1460.	4.1	8
4	Vitamin C Deficiency May Delay Diet-Induced NASH Regression in the Guinea Pig. <i>Antioxidants</i> , 2022, 11, 69.	5.1	5
5	A Long-Term Energy-Rich Diet Increases Prefrontal BDNF in Sprague-Dawley Rats. <i>Nutrients</i> , 2022, 14, 126.	4.1	8
6	Lower Vitamin C Levels Are Associated With Less Improvement in Negative Symptoms in Initially Antipsychotic-Naïve Patients With First-Episode Psychosis. <i>International Journal of Neuropsychopharmacology</i> , 2022, 25, 613-618.	2.1	3
7	Discrepancies in global vitamin C recommendations: a review of RDA criteria and underlying health perspectives. <i>Critical Reviews in Food Science and Nutrition</i> , 2021, 61, 742-755.	10.3	71
8	Collagen remodelling and plasma ascorbic acid levels in patients suspected of inherited bleeding disorders harbouring germline variants in collagen-related genes. <i>Haemophilia</i> , 2021, 27, e69-e77.	2.1	0
9	BCPT policy for experimental and clinical studies. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2021, 128, 4-8.	2.5	248
10	Liraglutide treatment improves endothelial function in the <i>Ldlr</i> ^{-/-} mouse model of atherosclerosis and affects genes involved in vascular remodelling and inflammation. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2021, 128, 103-114.	2.5	10
11	The effect of acetylsalicylic acid and pentoxifylline in guinea pigs with non-alcoholic steatohepatitis. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2021, 128, 583-593.	2.5	8
12	Depleted Myocardial Coenzyme Q10 in Cavalier King Charles Spaniels with Congestive Heart Failure Due to Myxomatous Mitral Valve Disease. <i>Antioxidants</i> , 2021, 10, 161.	5.1	3
13	Insulin treatment improves liver histopathology and decreases expression of inflammatory and fibrogenic genes in a hyperglycemic, dyslipidemic hamster model of NAFLD. <i>Journal of Translational Medicine</i> , 2021, 19, 80.	4.4	1
14	Temporal Development of Dyslipidemia and Nonalcoholic Fatty Liver Disease (NAFLD) in Syrian Hamsters Fed a High-Fat, High-Fructose, High-Cholesterol Diet. <i>Nutrients</i> , 2021, 13, 604.	4.1	7
15	The development of nonalcoholic steatohepatitis is subjected to breeder dependent variation in guinea pigs. <i>Scientific Reports</i> , 2021, 11, 2955.	3.3	4
16	Accelerated atherosclerosis caused by serum amyloid A response in lungs of ApoE ^{0/0} mice. <i>FASEB Journal</i> , 2021, 35, e21307.	0.5	8
17	Food intake rather than blood glucose levels affects the pharmacokinetic profile of insulin aspart in pigs. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2021, 128, 783-794.	2.5	2
18	Vitamin C: From Bench to Bedside. <i>Nutrients</i> , 2021, 13, 1102.	4.1	6

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19	Co-bedding of Preterm Newborn Pigs Reduces Necrotizing Enterocolitis Incidence Independent of Vital Functions and Cortisol Levels. <i>Frontiers in Pediatrics</i> , 2021, 9, 636638.	1.9	2
20	Differential Effects of Dietary Components on Glucose Intolerance and Non-Alcoholic Steatohepatitis. <i>Nutrients</i> , 2021, 13, 2523.	4.1	6
21	The role of vitamin C in epigenetic cancer therapy. <i>Free Radical Biology and Medicine</i> , 2021, 170, 179-193.	2.9	23
22	Modelling Nonalcoholic Steatohepatitis In Vivo—A Close Transcriptomic Similarity Supports the Guinea Pig Disease Model. <i>Biomedicines</i> , 2021, 9, 1198.	3.2	4
23	Subcutaneous Administration of Insulin is Associated With Regional Differences in Injection Depot Variability and Kinetics in The Rat. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2020, 128, 332-338.	1.2	3
24	Importance of gestational hypoglycaemia for foetal malformations and skeletal development in rats. <i>Reproductive Toxicology</i> , 2020, 91, 14-26.	2.9	5
25	Variation in diagnostic NAFLD/NASH read-outs in paired liver samples from rodent models. <i>Journal of Pharmacological and Toxicological Methods</i> , 2020, 101, 106651.	0.7	21
26	Pharmacokinetics of Repeated Oral Dosing with Coenzyme Q10 in Cavalier King Charles Spaniels with Myxomatous Mitral Valve Disease. <i>Antioxidants</i> , 2020, 9, 827.	5.1	7
27	Animal Models of Fibrosis in Nonalcoholic Steatohepatitis: Do They Reflect Human Disease?. <i>Advances in Nutrition</i> , 2020, 11, 1696-1711.	6.4	36
28	Insulin Treatment Attenuates Small Nerve Fiber Damage in Rat Model of Type 2 Diabetes. <i>Journal of Diabetes Research</i> , 2020, 2020, 1-13.	2.3	1
29	Dietary Intervention Accelerates NASH Resolution Depending on Inflammatory Status with Minor Additive Effects on Hepatic Injury by Vitamin E Supplementation. <i>Antioxidants</i> , 2020, 9, 808.	5.1	6
30	The counterregulatory response to hypoglycaemia in the pig. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2020, 127, 278-286.	2.5	4
31	On the effect of vitamin C intake on human health: How to (mis)interpret the clinical evidence. <i>Redox Biology</i> , 2020, 34, 101532.	9.0	51
32	Endothelial dysfunction and myocardial injury after major emergency abdominal surgery: a prospective cohort study. <i>BMC Anesthesiology</i> , 2020, 20, 67.	1.8	13
33	Hypophosphatemic Hypovitaminosis D Induces Osteomalacia in the Adult Female Rat. <i>Endocrinology</i> , 2020, 161, .	2.8	4
34	Ascorbate maintains a low plasma oxygen level. <i>Scientific Reports</i> , 2020, 10, 10659.	3.3	7
35	Salmon calcitonin distributes into the arcuate nucleus to a subset of NPY neurons in mice. <i>Neuropharmacology</i> , 2020, 167, 107987.	4.1	23
36	A systematic Cochrane Review of antioxidant supplementation lung disease for cystic fibrosis. <i>Paediatric Respiratory Reviews</i> , 2020, 33, 28-29.	1.8	3

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37	Inner histopathologic changes and disproportionate zone volumes in foetal growth plates following gestational hypoglycaemia in rats. <i>Scientific Reports</i> , 2020, 10, 5609.	3.3	1
38	Formation and Glomerular Deposition of Immune Complexes in Mice Administered Human Antibodies: Evaluation of Dose, Frequency, and Biomarkers. <i>Toxicologic Pathology</i> , 2020, 48, 570-585.	1.8	0
39	Determination of Reduced and Oxidized Coenzyme Q10 in Canine Plasma and Heart Tissue by HPLC-ECD: Comparison with LC-MS/MS Quantification. <i>Antioxidants</i> , 2019, 8, 253.	5.1	14
40	The effect of melatonin on endothelial dysfunction in patients after acute coronary syndrome: The MEFACTS randomized clinical trial. <i>Journal of Pineal Research</i> , 2019, 67, e12600.	7.4	10
41	An ELISA for detection of complement-bound circulating immune complexes in mice. <i>Journal of Immunotoxicology</i> , 2019, 16, 82-86.	1.7	2
42	The Pharmacokinetics of Vitamin C. <i>Nutrients</i> , 2019, 11, 2412.	4.1	186
43	Peri-operative endothelial dysfunction in patients undergoing minor abdominal surgery. <i>European Journal of Anaesthesiology</i> , 2019, 36, 130-134.	1.7	12
44	Oral vitamin C supplementation to patients with myeloid cancer on azacitidine treatment: Normalization of plasma vitamin C induces epigenetic changes. <i>Clinical Epigenetics</i> , 2019, 11, 143.	4.1	55
45	Expression of endothelin type B receptors in uterine artery smooth muscle cells from pregnant Guinea pigs. <i>Placenta</i> , 2019, 77, 8-15.	1.5	1
46	Generic immune complex assay for detection of murine anti-drug-antibodies in complex with human IgG. <i>Biologicals</i> , 2019, 60, 42-48.	1.4	3
47	Glycemic Control during Pregnancyâ€”A Predictor of Vitamin C Status at Labor in Type 1 Diabetic Women?. <i>Antioxidants</i> , 2019, 8, 153.	5.1	2
48	Telomere length and genotoxicity in the lung of rats following intragastric exposure to food-grade titanium dioxide and vegetable carbon particles. <i>Mutagenesis</i> , 2019, 34, 203-214.	2.6	31
49	Molecular drivers of non-alcoholic steatohepatitis are sustained in mild-to-late fibrosis progression in a guinea pig model. <i>Molecular Genetics and Genomics</i> , 2019, 294, 649-661.	2.1	13
50	Atorvastatin and Vitamin E Accelerates NASH Resolution by Dietary Intervention in a Preclinical Guinea Pig Model. <i>Nutrients</i> , 2019, 11, 2834.	4.1	16
51	Antioxidant supplementation for lung disease in cystic fibrosis. <i>The Cochrane Library</i> , 2019, 2019, CD007020.	2.8	19
52	Formation and glomerular deposition of immune complexes in mice administered bovine serum albumin: Evaluation of dose, frequency, and biomarkers. <i>Journal of Immunotoxicology</i> , 2019, 16, 191-200.	1.7	3
53	Towards a Göttingen minipig model of adult onset growth hormone deficiency: evaluation of stereotactic electrocoagulation method. <i>Heliyon</i> , 2019, 5, e02892.	3.2	1
54	A role of peroxisome proliferator-activated receptor β in non-alcoholic fatty liver disease. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2019, 124, 528-537.	2.5	117

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55	Delayed insulin absorption correlates with alterations in subcutaneous depot kinetics in rats with diet-induced obesity. <i>Obesity Science and Practice</i> , 2019, 5, 281-288.	1.9	2
56	Heterozygous mutations in GTP-cyclohydrolase-1 reduce BH4 biosynthesis but not pain sensitivity. <i>Pain</i> , 2018, 159, 1012-1024.	4.2	8
57	Long term Westernized diet leads to region-specific changes in brain signaling mechanisms. <i>Neuroscience Letters</i> , 2018, 676, 85-91.	2.1	14
58	Biochemical and cognitive effects of docosahexaenoic acid differ in a developmental and SorLA dependent manner. <i>Behavioural Brain Research</i> , 2018, 348, 90-100.	2.2	2
59	Long-term Western diet fed apolipoprotein E-deficient rats exhibit only modest early atherosclerotic characteristics. <i>Scientific Reports</i> , 2018, 8, 5416.	3.3	30
60	Effect of maternal hypoglycaemia during gestation on materno-foetal nutrient transfer and embryo-foetal development: Evidence from experimental studies focused primarily on the rat. <i>Reproductive Toxicology</i> , 2018, 77, 1-24.	2.9	10
61	Vasomotor function in rat arteries after ex vivo and intragastric exposure to food-grade titanium dioxide and vegetable carbon particles. <i>Particle and Fibre Toxicology</i> , 2018, 15, 12.	6.2	14
62	Proximal Neuropathy and Associated Skeletal Muscle Changes Resembling Denervation Atrophy in Hindlimbs of Chronic Hypoglycaemic Rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2018, 122, 165-175.	2.5	2
63	Comparison of Three Sample Preparation Procedures for the Quantification of L-Arginine, Asymmetric Dimethylarginine, and Symmetric Dimethylarginine in Human Plasma Using HPLC-FLD. <i>Journal of Analytical Methods in Chemistry</i> , 2018, 2018, 1-7.	1.6	9
64	Basic & Clinical Pharmacology & Toxicology Policy for Experimental and Clinical studies. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2018, 123, 233-235.	2.5	256
65	Molecular mechanisms of hepatic lipid accumulation in non-alcoholic fatty liver disease. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 3313-3327.	5.4	777
66	Liraglutide Decreases Hepatic Inflammation and Injury in Advanced Lean Non-Alcoholic Steatohepatitis. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2018, 123, 704-713.	2.5	40
67	Pharmacological modulation of colorectal distension evoked potentials in conscious rats. <i>Neuropharmacology</i> , 2018, 140, 193-200.	4.1	5
68	Vasomotor dysfunction in human subcutaneous arteries exposed ex vivo to food-grade titanium dioxide. <i>Food and Chemical Toxicology</i> , 2018, 120, 321-327.	3.6	10
69	Spatial Memory Dysfunction Induced by Vitamin C Deficiency Is Associated with Changes in Monoaminergic Neurotransmitters and Aberrant Synapse Formation. <i>Antioxidants</i> , 2018, 7, 82.	5.1	7
70	Early Life Vitamin C Deficiency Does Not Alter Morphology of Hippocampal CA1 Pyramidal Neurons or Markers of Synaptic Plasticity in a Guinea Pig Model. <i>Nutrients</i> , 2018, 10, 749.	4.1	7
71	Dietary fat stimulates development of NAFLD more potently than dietary fructose in Sprague-Dawley rats. <i>Diabetology and Metabolic Syndrome</i> , 2018, 10, 4.	2.7	58
72	Factors Affecting the Absorption of Subcutaneously Administered Insulin: Effect on Variability. <i>Journal of Diabetes Research</i> , 2018, 2018, 1-17.	2.3	102

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73	High-fat feeding induces mobilization of vitamin C in obese prone rats. <i>Research in Veterinary Science</i> , 2018, 119, 167-169.	1.9	0
74	Brief Communication: Plasma lipid oxidation predicts atherosclerotic status better than cholesterol in diabetic apolipoprotein E deficient mice. <i>Experimental Biology and Medicine</i> , 2017, 242, 88-91.	2.4	6
75	Endothelial dysfunction in the early postoperative period after major colon cancer surgery. <i>British Journal of Anaesthesia</i> , 2017, 118, 200-206.	3.4	32
76	Markers of Oxidative Stress in Dogs with Myxomatous Mitral Valve Disease are Influenced by Sex, Neuter Status, and Serum Cholesterol Concentration. <i>Journal of Veterinary Internal Medicine</i> , 2017, 31, 295-302.	1.6	20
77	Toxicological Effects during and following Persistent Insulin-induced Hypoglycaemia in Healthy Euglycaemic Rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2017, 121, 53-66.	2.5	5
78	Assessment of implantable infusion pumps for continuous infusion of human insulin in rats: potential for group housing. <i>Laboratory Animals</i> , 2017, 51, 273-283.	1.0	0
79	Clarithromycin, trimethoprim, and penicillin and oxidative nucleic acid modifications in humans: randomised, controlled trials. <i>British Journal of Clinical Pharmacology</i> , 2017, 83, 1643-1653.	2.4	10
80	Pasteurization Procedures for Donor Human Milk Affect Body Growth, Intestinal Structure, and Resistance against Bacterial Infections in Preterm Pigs. <i>Journal of Nutrition</i> , 2017, 147, 1121-1130.	2.9	49
81	Effect of High Inspiratory Oxygen Fraction on Endothelial Function in Healthy Volunteers: A Randomized Controlled Crossover Pilot Study. <i>Anesthesia and Analgesia</i> , 2017, 125, 1793-1796.	2.2	8
82	Vitamin C Deficiency Reduces Muscarinic Receptor Coronary Artery Vasoconstriction and Plasma Tetrahydrobiopterin Concentration in Guinea Pigs. <i>Nutrients</i> , 2017, 9, 691.	4.1	7
83	Poor Vitamin C Status Late in Pregnancy Is Associated with Increased Risk of Complications in Type 1 Diabetic Women: A Cross-Sectional Study. <i>Nutrients</i> , 2017, 9, 186.	4.1	17
84	Chronic Hyperinsulinaemic Hypoglycaemia in Rats Is Accompanied by Increased Body Weight, Hyperleptinaemia, and Decreased Neuronal Glucose Transporter Levels in the Brain. <i>International Journal of Endocrinology</i> , 2017, 2017, 1-14.	1.5	7
85	Weekly ascorbic acid infusion in castration-resistant prostate cancer patients: a single-arm phase II trial. <i>Translational Andrology and Urology</i> , 2017, 6, 517-528.	1.4	36
86	Does Glucagon-like Peptide-1 Ameliorate Oxidative Stress in Diabetes? Evidence Based on Experimental and Clinical Studies. <i>Current Diabetes Reviews</i> , 2016, 12, 331-358.	1.3	27
87	High-fat but not sucrose intake is essential for induction of dyslipidemia and non-alcoholic steatohepatitis in guinea pigs. <i>Nutrition and Metabolism</i> , 2016, 13, 51.	3.0	29
88	Modulating the Gut Microbiota Improves Glucose Tolerance, Lipoprotein Profile and Atherosclerotic Plaque Development in ApoE-Deficient Mice. <i>PLoS ONE</i> , 2016, 11, e0146439.	2.5	44
89	Pulsatile Hyperglycaemia Induces Vascular Oxidative Stress and GLUT 1 Expression More Potently than Sustained Hyperglycaemia in Rats on High Fat Diet. <i>PLoS ONE</i> , 2016, 11, e0147412.	2.5	0
90	Histopathological nerve and skeletal muscle changes in rats subjected to persistent insulin-induced hypoglycemia. <i>Journal of Toxicologic Pathology</i> , 2016, 29, 17-30.	0.7	13

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91	Normal weight dyslipidemia: Is it all about the liver?. <i>Obesity</i> , 2016, 24, 556-567.	3.0	40
92	Simvastatin and oxidative stress in humans: A randomized, double-blinded, placebo-controlled clinical trial. <i>Redox Biology</i> , 2016, 9, 32-38.	9.0	71
93	Dyslipidemia: Obese or Not Obeseâ€”That Is Not the Question. <i>Current Obesity Reports</i> , 2016, 5, 405-412.	8.4	33
94	In vitro toxicity of cationic micelles and liposomes in cultured human hepatocyte (HepG2) and lung epithelial (A549) cell lines. <i>Toxicology in Vitro</i> , 2016, 36, 164-171.	2.4	42
95	Cardiovascular health effects of oral and pulmonary exposure to multi-walled carbon nanotubes in ApoE-deficient mice. <i>Toxicology</i> , 2016, 371, 29-40.	4.2	39
96	Oxidative costs of reproduction in mouse strains selected for different levels of food intake and which differ in reproductive performance. <i>Scientific Reports</i> , 2016, 6, 36353.	3.3	16
97	Simultaneous quantification of monoamine neurotransmitters and their biogenic metabolites intracellularly and extracellularly in primary neuronal cell cultures and in sub-regions of guinea pig brain. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1028, 222-230.	2.3	15
98	l-dehydroascorbic acid can substitute l-ascorbic acid as dietary vitamin C source in guinea pigs. <i>Redox Biology</i> , 2016, 7, 8-13.	9.0	23
99	Maternal vitamin C deficiency does not reduce hippocampal volume and Î²-tubulin III intensity in prenatal Guinea pigs. <i>Nutrition Research</i> , 2016, 36, 696-702.	2.9	3
100	Strategies for Using Plagiarism Software in the Screening of Incoming Journal Manuscripts: Recommendations Based on a Recent Literature Survey. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2016, 119, 161-164.	2.5	16
101	Diet-induced dyslipidemia leads to nonalcoholic fatty liver disease and oxidative stress in guinea pigs. <i>Translational Research</i> , 2016, 168, 146-160.	5.0	39
102	The kidneys play a central role in the clearance of rhGH in rats. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 86, 29-33.	4.0	5
103	Is Diabetes Associated with Lower Vitamin C Status in Pregnant Women? A Prospective Study. <i>International Journal for Vitamin and Nutrition Research</i> , 2016, 86, 184-189.	1.5	10
104	Rodent model choice has major impact on variability of standard preclinical readouts associated with diabetes and obesity research. <i>American Journal of Translational Research (discontinued)</i> , 2016, 8, 3574-84.	0.0	18
105	CÅttigen minipig model of diet-induced atherosclerosis: influence of mild streptozotocin-induced diabetes on lesion severity and markers of inflammation evaluated in obese, obese and diabetic, and lean control animals. <i>Journal of Translational Medicine</i> , 2015, 13, 312.	4.4	27
106	Thick Methacrylate Sections Devoid of Lost Caps Simplify Stereological Quantifications Based on the Optical Fractionator Design. <i>Anatomical Record</i> , 2015, 298, 2141-2150.	1.4	5
107	Asymmetric dimethylarginine in somatically healthy schizophrenia patients treated with atypical antipsychotics: a caseâ€”control study. <i>BMC Psychiatry</i> , 2015, 15, 67.	2.6	9
108	The effect of short-term, high-dose oral N-acetylcysteine treatment on oxidative stress markers in cystic fibrosis patients with chronic <i>P. aeruginosa</i> infection â€” A pilot study. <i>Journal of Cystic Fibrosis</i> , 2015, 14, 211-218.	0.7	31

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109	Chronic dyslipidemia induces fatty liver disease in Guinea pigs. <i>Atherosclerosis</i> , 2015, 241, e119-e120.	0.8	0
110	Maternal vitamin C deficiency during pregnancy results in transient fetal and placental growth retardation in guinea pigs. <i>European Journal of Nutrition</i> , 2015, 54, 667-676.	3.9	21
111	Distribution of vitamin C is tissue specific with early saturation of the brain and adrenal glands following differential oral dose regimens in guinea pigs. <i>British Journal of Nutrition</i> , 2015, 113, 1539-1549.	2.3	45
112	Controlled exposure to particulate matter from urban street air is associated with decreased vasodilation and heart rate variability in overweight and older adults. <i>Particle and Fibre Toxicology</i> , 2015, 12, 6.	6.2	46
113	Elimination of Ascorbic Acid After High-Dose Infusion in Prostate Cancer Patients: A Pharmacokinetic Evaluation. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2015, 116, 343-348.	2.5	53
114	Lower limb ischaemia and reperfusion injury in healthy volunteers measured by oxidative and inflammatory biomarkers. <i>Perfusion (United Kingdom)</i> , 2015, 30, 64-70.	1.0	14
115	In vivo toxicity of cationic micelles and liposomes. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 467-477.	3.3	271
116	Differential toxicological response to positively and negatively charged nanoparticles in the rat brain. <i>Nanotoxicology</i> , 2014, 8, 1-33.	3.0	38
117	Chronic Vitamin C Deficiency Promotes Redox Imbalance in the Brain but Does Not Alter Sodium-Dependent Vitamin C Transporter 2 Expression. <i>Nutrients</i> , 2014, 6, 1809-1822.	4.1	6
118	Does Vitamin C Deficiency Promote Fatty Liver Disease Development?. <i>Nutrients</i> , 2014, 6, 5473-5499.	4.1	58
119	Effect of Insulin-Induced Hypoglycaemia on the Central Nervous System: Evidence from Experimental Studies. <i>Journal of Neuroendocrinology</i> , 2014, 26, 123-150.	2.6	28
120	Biopterin Status in Dogs with Myxomatous Mitral Valve Disease is Associated with Disease Severity and Cardiovascular Risk Factors. <i>Journal of Veterinary Internal Medicine</i> , 2014, 28, 1520-1526.	1.6	19
121	Biodistribution of rhodamine B fluorescence-labeled cationic nanoparticles in rats. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	1.9	14
122	Vitamin C. <i>Advances in Nutrition</i> , 2014, 5, 16-18.	6.4	125
123	In vivo vitamin C deficiency in guinea pigs increases ascorbate transporters in liver but not kidney and brain. <i>Nutrition Research</i> , 2014, 34, 639-645.	2.9	18
124	Positive charge, negative effect: the impact of cationic nanoparticles in the brain. <i>Nanomedicine</i> , 2014, 9, 1441-1443.	3.3	5
125	High-fat feeding increases hepatic vitamin C synthesis and its circulatory mobilization in mice. <i>European Journal of Nutrition</i> , 2014, 53, 1441-1444.	3.9	4
126	Functional network analysis of obese and lean Göttingen minipigs elucidates changes in oxidative and inflammatory networks in obese pigs. <i>Pflügers Archiv European Journal of Physiology</i> , 2014, 466, 2167-2176.	2.8	6

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127	Melatonin suppresses markers of inflammation and oxidative damage in a human daytime endotoxemia model. <i>Journal of Critical Care</i> , 2014, 29, 184.e9-184.e13.	2.2	41
128	Prenatal vitamin C deficiency results in differential levels of oxidative stress during late gestation in foetal guinea pig brains. <i>Redox Biology</i> , 2014, 2, 361-367.	9.0	22
129	Does vitamin C enhance nitric oxide bioavailability in a tetrahydrobiopterin-dependent manner? In vitro, in vivo and clinical studies. <i>Nitric Oxide - Biology and Chemistry</i> , 2014, 36, 51-57.	2.7	58
130	Effect of Insulin-induced Hypoglycaemia on the Peripheral Nervous System: Focus on Adaptive Mechanisms, Pathogenesis and Histopathological Changes. <i>Journal of Neuroendocrinology</i> , 2014, 26, 482-496.	2.6	22
131	The kidneys play an important role in the clearance of rFVIIa in rats. <i>Thrombosis Research</i> , 2014, 133, 1124-1129.	1.7	3
132	Does Vitamin C Deficiency Affect Cognitive Development and Function?. <i>Nutrients</i> , 2014, 6, 3818-3846.	4.1	79
133	Non-Terminal Blood Sampling Techniques in Guinea Pigs. <i>Journal of Visualized Experiments</i> , 2014, , e51982.	0.3	15
134	Evaluation of the moderately obese apoe gene knockout rat as a new model for impaired glucose tolerance and atherosclerosis. <i>Atherosclerosis</i> , 2014, 235, e239.	0.8	0
135	Effect of mild streptozotocin/nicotinamide-induced diabetes on aortic plaque area in new minipig model of atherosclerosis. <i>Atherosclerosis</i> , 2014, 235, e236-e237.	0.8	0
136	Changing dietary content of gluten and potentially the gut microbiota, did not result in increased atherosclerosis in the apoe-/-mouse. <i>Atherosclerosis</i> , 2014, 235, e196.	0.8	0
137	Antioxidant supplementation for lung disease in cystic fibrosis. <i>The Cochrane Library</i> , 2014, , CD007020.	2.8	36
138	Pronounced Inflammatory Response to Endotoxaemia during Nighttime: A Randomised Cross-Over Trial. <i>PLoS ONE</i> , 2014, 9, e87413.	2.5	30
139	Melatonin does not affect oxidative/inflammatory biomarkers in a closed-chest porcine model of acute myocardial infarction. <i>In Vivo</i> , 2014, 28, 483-8.	1.3	9
140	Effect of melatonin on human nighttime endotoxaemia: randomized, double-blinded, cross-over study. <i>In Vivo</i> , 2014, 28, 1057-63.	1.3	4
141	Circadian Variation in the Response to Experimental Endotoxemia and Modulatory Effects of Exogenous Melatonin. <i>Chronobiology International</i> , 2013, 30, 1174-1180.	2.0	16
142	Guinea pig ascorbate status predicts tetrahydrobiopterin plasma concentration and oxidation ratio in vivo. <i>Nutrition Research</i> , 2013, 33, 859-867.	2.9	23
143	Prolonged effect of a new O-glycoPEGylated FVIII (N8-GP) in a murine saphenous vein bleeding model. <i>Haemophilia</i> , 2013, 19, 913-919.	2.1	7
144	Increased systemic oxidatively generated DNA and RNA damage in schizophrenia. <i>Psychiatry Research</i> , 2013, 209, 417-423.	3.3	75

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145	Does Vitamin C Deficiency Increase Lifestyle-Associated Vascular Disease Progression? Evidence Based on Experimental and Clinical Studies. <i>Antioxidants and Redox Signaling</i> , 2013, 19, 2084-2104.	5.4	42
146	Prolonged maternal vitamin C deficiency overrides preferential fetal ascorbate transport but does not influence perinatal survival in guinea pigs. <i>British Journal of Nutrition</i> , 2013, 110, 1573-1579.	2.3	18
147	Ampicillin-Improved Glucose Tolerance in Diet-Induced Obese C57BL/6NTac Mice Is Age Dependent. <i>Journal of Diabetes Research</i> , 2013, 2013, 1-13.	2.3	24
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