

Jens Lykkesfeldt

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

224
papers

7,973
citations

47
h-index

82
g-index

249
ext. papers

9,339
ext. citations

4.5
avg, IF

6.6
L-index

#	Paper	IF	Citations
224	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	3.1	1
223	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	3.4	2
222	The role of vitamin C in epigenetic cancer therapy. <i>Free Radical Biology and Medicine</i> , 2021 , 170, 179-193	7.8	5
221	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	11.5	28
220	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	3.3	
219	BCPT policy for experimental and clinical studies. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2021 , 128, 4-8	3.1	64
218	Liraglutide treatment improves endothelial function in the Ldlr ^{-/-} 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	3.1	7
217	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	3.1	2
216	Depleted Myocardial Coenzyme Q10 in Cavalier King Charles Spaniels with Congestive Heart Failure Due to Myxomatous Mitral Valve Disease. <i>Antioxidants</i> , 2021 , 10,	7.1	1
215	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	8.5	
214	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,	6.7	3
213	The development of nonalcoholic steatohepatitis is subjected to breeder dependent variation in guinea pigs. <i>Scientific Reports</i> , 2021 , 11, 2955	4.9	1
212	Accelerated atherosclerosis caused by serum amyloid A response in lungs of ApoE mice. <i>FASEB Journal</i> , 2021 , 35, e21307	0.9	2
211	A Long-Term Energy-Rich Diet Increases Prefrontal BDNF in Sprague-Dawley Rats.. <i>Nutrients</i> , 2021 , 14,	6.7	1
210	The counterregulatory response to hypoglycaemia in the pig. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2020 , 127, 278-286	3.1	3
209	On the effect of vitamin C intake on human health: How to (mis)interpret the clinical evidence. <i>Redox Biology</i> , 2020 , 34, 101532	11.3	17
208	Endothelial dysfunction and myocardial injury after major emergency abdominal surgery: a prospective cohort study. <i>BMC Anesthesiology</i> , 2020 , 20, 67	2.4	7

207	Hypophosphatemic Hypovitaminosis D Induces Osteomalacia in the Adult Female Rat. <i>Endocrinology</i> , 2020 , 161,	4.8	4
206	Ascorbate maintains a low plasma oxygen level. <i>Scientific Reports</i> , 2020 , 10, 10659	4.9	2
205	Salmon calcitonin distributes into the arcuate nucleus to a subset of NPY neurons in mice. <i>Neuropharmacology</i> , 2020 , 167, 107987	5.5	16
204	A systematic Cochrane Review of antioxidant supplementation lung disease for cystic fibrosis. <i>Paediatric Respiratory Reviews</i> , 2020 , 33, 28-29	4.8	1
203	Inner histopathologic changes and disproportionate zone volumes in foetal growth plates following gestational hypoglycaemia in rats. <i>Scientific Reports</i> , 2020 , 10, 5609	4.9	1
202	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	1.7	14
201	Pharmacokinetics of Repeated Oral Dosing with Coenzyme Q10 in Cavalier King Charles Spaniels with Myxomatous Mitral Valve Disease. <i>Antioxidants</i> , 2020 , 9,	7.1	2
200	Animal Models of Fibrosis in Nonalcoholic Steatohepatitis: Do They Reflect Human Disease?. <i>Advances in Nutrition</i> , 2020 , 11, 1696-1711	10	15
199	Insulin Treatment Attenuates Small Nerve Fiber Damage in Rat Model of Type 2 Diabetes. <i>Journal of Diabetes Research</i> , 2020 , 2020, 9626398	3.9	0
198	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,	7.1	3
197	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	2.3	2
196	Importance of gestational hypoglycaemia for foetal malformations and skeletal development in rats. <i>Reproductive Toxicology</i> , 2020 , 91, 14-26	3.4	3
195	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	2.1	
194	Peri-operative endothelial dysfunction in patients undergoing minor abdominal surgery: An observational study. <i>European Journal of Anaesthesiology</i> , 2019 , 36, 130-134	2.3	7
193	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	7.7	29
192	Expression of endothelin type B receptors in uterine artery smooth muscle cells from pregnant Guinea pigs. <i>Placenta</i> , 2019 , 77, 8-15	3.4	
191	Generic immune complex assay for detection of murine anti-drug-antibodies in complex with human IgG. <i>Biologicals</i> , 2019 , 60, 42-48	1.8	2
190	Glycemic Control during Pregnancy-A Predictor of Vitamin C Status at Labor in Type 1 Diabetic Women?. <i>Antioxidants</i> , 2019 , 8,	7.1	1

189	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	2.8	19
188	Determination of Reduced and Oxidized Coenzyme Q in Canine Plasma and Heart Tissue by HPLC-ECD: Comparison with LC-MS/MS Quantification. <i>Antioxidants</i> , 2019 , 8,	7.1	11
187	The effect of melatonin on endothelial dysfunction in patients after acute coronary syndrome: The MEFACS randomized clinical trial. <i>Journal of Pineal Research</i> , 2019 , 67, e12600	10.4	10
186	An ELISA for detection of complement-bound circulating immune complexes in mice. <i>Journal of Immunotoxicology</i> , 2019 , 16, 82-86	3.1	2
185	The Pharmacokinetics of Vitamin C. <i>Nutrients</i> , 2019 , 11,	6.7	77
184	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	3.1	9
183	Atorvastatin and Vitamin E Accelerates NASH Resolution by Dietary Intervention in a Preclinical Guinea Pig Model. <i>Nutrients</i> , 2019 , 11,	6.7	8
182	Antioxidant supplementation for lung disease in cystic fibrosis. <i>The Cochrane Library</i> , 2019 , 10, CD007029	2.2	15
181	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	3.1	2
180	Towards a Göttingen minipig model of adult onset growth hormone deficiency: evaluation of stereotactic electrocoagulation method. <i>Heliyon</i> , 2019 , 5, e02892	3.6	1
179	A role of peroxisome proliferator-activated receptor α in non-alcoholic fatty liver disease. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2019 , 124, 528-537	3.1	60
178	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	2.6	0
177	Heterozygous mutations in GTP-cyclohydrolase-1 reduce BH4 biosynthesis but not pain sensitivity. <i>Pain</i> , 2018 , 159, 1012-1024	8	6
176	Long term Westernized diet leads to region-specific changes in brain signaling mechanisms. <i>Neuroscience Letters</i> , 2018 , 676, 85-91	3.3	10
175	Biochemical and cognitive effects of docosahexaenoic acid differ in a developmental and SorLA dependent manner. <i>Behavioural Brain Research</i> , 2018 , 348, 90-100	3.4	1
174	Long-term Western diet fed apolipoprotein E-deficient rats exhibit only modest early atherosclerotic characteristics. <i>Scientific Reports</i> , 2018 , 8, 5416	4.9	14
173	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	3.4	6
172	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	8.4	8

171	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	3.1	0
170	Liraglutide Decreases Hepatic Inflammation and Injury in Advanced Lean Non-Alcoholic Steatohepatitis. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2018 , 123, 704-713	3.1	31
169	Pharmacological modulation of colorectal distension evoked potentials in conscious rats. <i>Neuropharmacology</i> , 2018 , 140, 193-200	5.5	5
168	Vasomotor dysfunction in human subcutaneous arteries exposed ex vivo to food-grade titanium dioxide. <i>Food and Chemical Toxicology</i> , 2018 , 120, 321-327	4.7	8
167	Spatial Memory Dysfunction Induced by Vitamin C Deficiency Is Associated with Changes in Monoaminergic Neurotransmitters and Aberrant Synapse Formation. <i>Antioxidants</i> , 2018 , 7,	7.1	4
166	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,	6.7	2
165	Dietary fat stimulates development of NAFLD more potently than dietary fructose in Sprague-Dawley rats. <i>Diabetology and Metabolic Syndrome</i> , 2018 , 10, 4	5.6	44
164	Factors Affecting the Absorption of Subcutaneously Administered Insulin: Effect on Variability. <i>Journal of Diabetes Research</i> , 2018 , 2018, 1205121	3.9	56
163	High-fat feeding induces mobilization of vitamin C in obese prone rats. <i>Research in Veterinary Science</i> , 2018 , 119, 167-169	2.5	
162	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, 6148515	2	7
161	Basic & Clinical Pharmacology & Toxicology Policy for Experimental and Clinical studies. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2018 , 123, 233-235	3.1	242
160	Molecular mechanisms of hepatic lipid accumulation in non-alcoholic fatty liver disease. <i>Cellular and Molecular Life Sciences</i> , 2018 , 75, 3313-3327	10.3	367
159	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	3.7	6
158	Endothelial dysfunction in the early postoperative period after major colon cancer surgery. <i>British Journal of Anaesthesia</i> , 2017 , 118, 200-206	5.4	24
157	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	3.1	13
156	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	3.1	3
155	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	2.6	
154	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	3.8	9

153	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	4.1	35
152	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	3.9	4
151	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, 7861236	2.7	3
150	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	2.3	23
149	Vitamin C Deficiency Reduces Muscarinic Receptor Coronary Artery Vasoconstriction and Plasma Tetrahydrobiopterin Concentration in Guinea Pigs. <i>Nutrients</i> , 2017 , 9,	6.7	4
148	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,	6.7	9
147	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	3.6	31
146	Cardiovascular health effects of oral and pulmonary exposure to multi-walled carbon nanotubes in ApoE-deficient mice. <i>Toxicology</i> , 2016 , 371, 29-40	4.4	34
145	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	4.9	10
144	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	3.2	12
143	L-dehydroascorbic acid can substitute l-ascorbic acid as dietary vitamin C source in guinea pigs. <i>Redox Biology</i> , 2016 , 7, 8-13	11.3	13
142	Maternal vitamin C deficiency does not reduce hippocampal volume and Etubulin III intensity in prenatal Guinea pigs. <i>Nutrition Research</i> , 2016 , 36, 696-702	4	1
141	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, 161-4	3.1	12
140	Diet-induced dyslipidemia leads to nonalcoholic fatty liver disease and oxidative stress in guinea pigs. <i>Translational Research</i> , 2016 , 168, 146-160	11	28
139	The kidneys play a central role in the clearance of rhGH in rats. <i>European Journal of Pharmaceutical Sciences</i> , 2016 , 86, 29-33	5.1	5
138	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	3	18
137	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	1.7	9
136	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	2.7	17

135	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	4.6	21
134	Modulating the Gut Microbiota Improves Glucose Tolerance, Lipoprotein Profile and Atherosclerotic Plaque Development in ApoE-Deficient Mice. <i>PLoS ONE</i> , 2016 , 11, e0146439	3.7	31
133	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	3.7	
132	Histopathological nerve and skeletal muscle changes in rats subjected to persistent insulin-induced hypoglycemia. <i>Journal of Toxicologic Pathology</i> , 2016 , 29, 17-30	1.4	10
131	Normal weight dyslipidemia: Is it all about the liver?. <i>Obesity</i> , 2016 , 24, 556-67	8	26
130	Simvastatin and oxidative stress in humans: A randomized, double-blinded, placebo-controlled clinical trial. <i>Redox Biology</i> , 2016 , 9, 32-38	11.3	53
129	Dyslipidemia: Obese or Not Obese-That Is Not the Question. <i>Current Obesity Reports</i> , 2016 , 5, 405-412	8.4	22
128	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, 667-76	5.2	10
127	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, 1539-49	3.6	28
126	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	8.4	38
125	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, 343-8	3.1	36
124	Lower limb ischaemia and reperfusion injury in healthy volunteers measured by oxidative and inflammatory biomarkers. <i>Perfusion (United Kingdom)</i> , 2015 , 30, 64-70	1.9	11
123	In vivo toxicity of cationic micelles and liposomes. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015 , 11, 467-77	6	218
122	Göttingen 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	8.5	22
121	Thick methacrylate sections devoid of lost caps simplify stereological quantifications based on the optical fractionator design. <i>Anatomical Record</i> , 2015 , 298, 2141-50	2.1	5
120	Asymmetric dimethylarginine in somatically healthy schizophrenia patients treated with atypical antipsychotics: a case-control study. <i>BMC Psychiatry</i> , 2015 , 15, 67	4.2	6
119	The effect of short-term, high-dose oral N-acetylcysteine treatment on oxidative stress markers in cystic fibrosis patients with chronic P. aeruginosa infection -- a pilot study. <i>Journal of Cystic Fibrosis</i> , 2015 , 14, 211-8	4.1	24
118	Biodistribution of rhodamine B fluorescence-labeled cationic nanoparticles in rats. <i>Journal of Nanoparticle Research</i> , 2014 , 16, 1	2.3	11

117	Vitamin C. <i>Advances in Nutrition</i> , 2014 , 5, 16-8	10	73
116	In vivo vitamin C deficiency in guinea pigs increases ascorbate transporters in liver but not kidney and brain. <i>Nutrition Research</i> , 2014 , 34, 639-45	4	11
115	High-fat feeding increases hepatic vitamin C synthesis and its circulatory mobilization in mice. <i>European Journal of Nutrition</i> , 2014 , 53, 1441-4	5.2	4
114	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, 2167-76	4.6	6
113	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	4	29
112	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, 361-7	11.3	16
111	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, 51-7	5	46
110	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, 482-96	3.8	18
109	The kidneys play an important role in the clearance of rFVIIa in rats. <i>Thrombosis Research</i> , 2014 , 133, 1124-9	8.2	3
108	Does vitamin C deficiency affect cognitive development and function?. <i>Nutrients</i> , 2014 , 6, 3818-46	6.7	47
107	Non-terminal blood sampling techniques in guinea pigs. <i>Journal of Visualized Experiments</i> , 2014 , e51982	1.6	11
106	Antioxidant supplementation for lung disease in cystic fibrosis. <i>The Cochrane Library</i> , 2014 , CD007020	5.2	20
105	Differential toxicological response to positively and negatively charged nanoparticles in the rat brain. <i>Nanotoxicology</i> , 2014 , 8, 764-74	5.3	29
104	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, 1809-22	6.7	5
103	Does vitamin C deficiency promote fatty liver disease development?. <i>Nutrients</i> , 2014 , 6, 5473-99	6.7	38
102	Effect of insulin-induced hypoglycaemia on the central nervous system: evidence from experimental studies. <i>Journal of Neuroendocrinology</i> , 2014 , 26, 123-50	3.8	23
101	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, 1520-6	3.1	14
100	Pronounced inflammatory response to endotoxaemia during nighttime: a randomised cross-over trial. <i>PLoS ONE</i> , 2014 , 9, e87413	3.7	28

99	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	2.3	9
98	Effect of melatonin on human nighttime endotoxaemia: randomized, double-blinded, cross-over study. <i>In Vivo</i> , 2014 , 28, 1057-63	2.3	4
97	Circadian variation in the response to experimental endotoxemia and modulatory effects of exogenous melatonin. <i>Chronobiology International</i> , 2013 , 30, 1174-80	3.6	11
96	Guinea pig ascorbate status predicts tetrahydrobiopterin plasma concentration and oxidation ratio in vivo. <i>Nutrition Research</i> , 2013 , 33, 859-67	4	15
95	Prolonged effect of a new O-glycoPEGylated FVIII (N8-GP) in a murine saphenous vein bleeding model. <i>Haemophilia</i> , 2013 , 19, 913-9	3.3	6
94	Increased systemic oxidatively generated DNA and RNA damage in schizophrenia. <i>Psychiatry Research</i> , 2013 , 209, 417-23	9.9	66
93	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, 2084-104	8.4	29
92	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, 1573-9	3.6	14
91	Ampicillin-improved glucose tolerance in diet-induced obese C57BL/6NTac mice is age dependent. <i>Journal of Diabetes Research</i> , 2013 , 2013, 319321	3.9	21
90	Nephrectomized and hepatectomized animal models as tools in preclinical pharmacokinetics. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2013 , 113, 75-86	3.1	3
89	Kinetics of acid-induced degradation of tetra- and dihydrobiopterin in relation to their relevance as biomarkers of endothelial function. <i>Biomarkers</i> , 2013 , 18, 55-62	2.6	8
88	Translational aspects of rectal evoked potentials: a comparative study in rats and humans. <i>American Journal of Physiology - Renal Physiology</i> , 2013 , 305, G119-28	5.1	11
87	Regulation of vitamin C homeostasis during deficiency. <i>Nutrients</i> , 2013 , 5, 2860-79	6.7	81
86	Whey protein reduces early life weight gain in mice fed a high-fat diet. <i>PLoS ONE</i> , 2013 , 8, e71439	3.7	35
85	A sensitive venous bleeding model in haemophilia A mice: effects of two recombinant FVIII products (N8 and Advate(®)). <i>Haemophilia</i> , 2012 , 18, 782-8	3.3	36
84	Poor antioxidant status exacerbates oxidative stress and inflammatory response to <i>Pseudomonas aeruginosa</i> lung infection in guinea pigs. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2012 , 110, 353-8 ¹	3.1	11
83	Chronic vitamin C deficiency does not accelerate oxidative stress in ageing brains of guinea pigs. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2012 , 110, 524-9	3.1	18
82	Ascorbate status modulates reticuloendothelial iron stores and response to deferasirox iron chelation in ascorbate-deficient rats. <i>Experimental Hematology</i> , 2012 , 40, 820-7	3.1	13

81	Ascorbate and dehydroascorbic acid as biomarkers of oxidative stress: validity of clinical data depends on vacutainer system used. <i>Nutrition Research</i> , 2012 , 32, 66-9	4	33
80	Translational aspects of rectal evoked potentials: A comparative study in rats and humans. <i>Scandinavian Journal of Pain</i> , 2012 , 3, 186	1.9	
79	Authors Perspective: What is the optimum intake of vitamin C in humans?. <i>Critical Reviews in Food Science and Nutrition</i> , 2012 , 52, 815-29	11.5	92
78	Oxidative stress response after laparoscopic versus conventional sigmoid resection: a randomized, double-blind clinical trial. <i>Surgical Laparoscopy, Endoscopy and Percutaneous Techniques</i> , 2012 , 22, 215-9	1.3	5
77	Role of vitamin C and E supplementation on IL-6 in response to training. <i>Journal of Applied Physiology</i> , 2012 , 112, 990-1000	3.7	46
76	Maternal vitamin C deficiency during pregnancy persistently impairs hippocampal neurogenesis in offspring of guinea pigs. <i>PLoS ONE</i> , 2012 , 7, e48488	3.7	47
75	Vitamin C and Its Role in Brain Development and Cognition 2012 , 29-52		1
74	Effect of vitamin C and iron chelation on diesel exhaust particle and carbon black induced oxidative damage and cell adhesion molecule expression in human endothelial cells. <i>Toxicology Letters</i> , 2011 , 203, 181-9	4.4	61
73	F156 REPRODUCIBILITY OF A NEW MODEL USING EVOKED POTENTIALS AS RESPONSE TO MECHANICAL COLORECTAL DISTENSION. <i>European Journal of Pain Supplements</i> , 2011 , 5, 119-119		
72	Storage-induced increase in biomarkers of oxidative stress and inflammation in red blood cell components. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2011 , 71, 299-303	2	24
71	Reply to Hemilby Lykkesfeldt and Poulsen. <i>British Journal of Nutrition</i> , 2011 , 105, 488-488	3.6	
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