

# Jens Lykkesfeldt

## List of Publications by Citations

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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	Oxidants and antioxidants in disease: oxidative stress in farm animals. <i>Veterinary Journal</i> , <b>2007</b> , 173, 502-11	2.5	410
223	Molecular mechanisms of hepatic lipid accumulation in non-alcoholic fatty liver disease. <i>Cellular and Molecular Life Sciences</i> , <b>2018</b> , 75, 3313-3327	10.3	367
222	Malondialdehyde as biomarker of oxidative damage to lipids caused by smoking. <i>Clinica Chimica Acta</i> , <b>2007</b> , 380, 50-8	6.2	283
221	Feeding acetyl-L-carnitine and lipoic acid to old rats significantly improves metabolic function while decreasing oxidative stress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2002</b> , 99, 1870-5	11.5	256
220	(R)-alpha-lipoic acid-supplemented old rats have improved mitochondrial function, decreased oxidative damage, and increased metabolic rate. <i>FASEB Journal</i> , <b>1999</b> , 13, 411-8	0.9	244
219	Basic & Clinical Pharmacology & Toxicology Policy for Experimental and Clinical studies. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2018</b> , 123, 233-235	3.1	242
218	Acetyl-L-carnitine fed to old rats partially restores mitochondrial function and ambulatory activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1998</b> , 95, 9562-6	11.5	231
217	In vivo toxicity of cationic micelles and liposomes. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2015</b> , 11, 467-77	6	218
216	Determination of ascorbic acid and dehydroascorbic acid in biological samples by high-performance liquid chromatography using subtraction methods: reliable reduction with tris[2-carboxyethyl]phosphine hydrochloride. <i>Analytical Biochemistry</i> , <b>2000</b> , 282, 89-93	3.1	191
215	Ascorbate is depleted by smoking and repleted by moderate supplementation: a study in male smokers and nonsmokers with matched dietary antioxidant intakes. <i>American Journal of Clinical Nutrition</i> , <b>2000</b> , 71, 530-6	7	173
214	Determination of Malondialdehyde as Dithiobarbituric Acid Adduct in Biological Samples by HPLC with Fluorescence Detection: Comparison with Ultraviolet-Visible Spectrophotometry. <i>Clinical Chemistry</i> , <b>2001</b> , 47, 1725-1727	5.5	169
213	Determination of ascorbic acid and dehydroascorbic acid in plasma by high-performance liquid chromatography with coulometric detection--are they reliable biomarkers of oxidative stress?. <i>Analytical Biochemistry</i> , <b>1995</b> , 229, 329-35	3.1	164
212	Age-associated decline in ascorbic acid concentration, recycling, and biosynthesis in rat hepatocytes--reversal with (R)-alpha-lipoic acid supplementation. <i>FASEB Journal</i> , <b>1998</b> , 12, 1183-9	0.9	131
211	Antioxidant supplementation does not alter endurance training adaptation. <i>Medicine and Science in Sports and Exercise</i> , <b>2010</b> , 42, 1388-95	1.2	128
210	Ascorbic acid and dehydroascorbic acid as biomarkers of oxidative stress caused by smoking. <i>American Journal of Clinical Nutrition</i> , <b>1997</b> , 65, 959-63	7	126
209	Is vitamin C supplementation beneficial? Lessons learned from randomised controlled trials. <i>British Journal of Nutrition</i> , <b>2010</b> , 103, 1251-9	3.6	125
208	Gamma-tocopherol supplementation inhibits protein nitration and ascorbate oxidation in rats with inflammation. <i>Free Radical Biology and Medicine</i> , <b>2002</b> , 33, 1534-42	7.8	108

207	Selective serotonin reuptake inhibitors and theophylline metabolism in human liver microsomes: potent inhibition by fluvoxamine. <i>British Journal of Clinical Pharmacology</i> , <b>1995</b> , 39, 151-9	3.8	107
206	Long-term high copper intake: effects on indexes of copper status, antioxidant status, and immune function in young men. <i>American Journal of Clinical Nutrition</i> , <b>2004</b> , 79, 1037-44	7	103
205	Authors' perspective: What is the optimum intake of vitamin C in humans?. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2012</b> , 52, 815-29	11.5	92
204	Regulation of vitamin C homeostasis during deficiency. <i>Nutrients</i> , <b>2013</b> , 5, 2860-79	6.7	81
203	Oxidative DNA damage in vivo: relationship to age, plasma antioxidants, drug metabolism, glutathione-S-transferase activity and urinary creatinine excretion. <i>Free Radical Research</i> , <b>1998</b> , 29, 565-71	7.1	81
202	The Pharmacokinetics of Vitamin C. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	77
201	Oxidative stress precedes peak systemic inflammatory response in pediatric patients undergoing cardiopulmonary bypass operation. <i>Free Radical Biology and Medicine</i> , <b>2005</b> , 38, 1323-32	7.8	77
200	Artemisinin induces omeprazole metabolism in human beings. <i>Clinical Pharmacology and Therapeutics</i> , <b>1998</b> , 64, 160-7	6.1	76
199	Vitamin C supplementation decreases oxidative DNA damage in mononuclear blood cells of smokers. <i>European Journal of Nutrition</i> , <b>2004</b> , 43, 267-74	5.2	76
198	Ascorbate and dehydroascorbic acid as reliable biomarkers of oxidative stress: analytical reproducibility and long-term stability of plasma samples subjected to acidic deproteinization. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2007</b> , 16, 2513-6	4	74
197	Vitamin C. <i>Advances in Nutrition</i> , <b>2014</b> , 5, 16-8	10	73
196	Increased systemic oxidatively generated DNA and RNA damage in schizophrenia. <i>Psychiatry Research</i> , <b>2013</b> , 209, 417-23	9.9	66
195	BCPT policy for experimental and clinical studies. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2021</b> , 128, 4-8	3.1	64
194	The effects of oral and intramuscular administration and dose escalation of enrofloxacin on the selection of quinolone resistance among <i>Salmonella</i> and coliforms in pigs. <i>Research in Veterinary Science</i> , <b>2003</b> , 75, 185-93	2.5	62
193	Involvement of cytochrome P450 in oxime production in glucosinolate biosynthesis as demonstrated by an in vitro microsomal enzyme system isolated from jasmonic acid-induced seedlings of <i>Sinapis alba</i> L. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1995</b> , 92, 12505-9	11.5	62
192	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> , <b>2011</b> , 203, 181-9	4.4	61
191	Effect of antioxidant supplementation on insulin sensitivity in response to endurance exercise training. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2011</b> , 300, E761-70	6	61
190	Vitamin C deficiency in early postnatal life impairs spatial memory and reduces the number of hippocampal neurons in guinea pigs. <i>American Journal of Clinical Nutrition</i> , <b>2009</b> , 90, 540-6	7	60

189	A role of peroxisome proliferator-activated receptor $\gamma$ in non-alcoholic fatty liver disease. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2019</b> , 124, 528-537	3.1	60
188	Determination of malondialdehyde as dithiobarbituric acid adduct in biological samples by HPLC with fluorescence detection: comparison with ultraviolet-visible spectrophotometry. <i>Clinical Chemistry</i> , <b>2001</b> , 47, 1725-7	5.5	59
187	Effect of smoking cessation on plasma ascorbic acid concentration. <i>BMJ: British Medical Journal</i> , <b>1996</b> , 313, 91		58
186	Factors Affecting the Absorption of Subcutaneously Administered Insulin: Effect on Variability. <i>Journal of Diabetes Research</i> , <b>2018</b> , 2018, 1205121	3.9	56
185	Oxidative stress in brain during experimental bacterial meningitis: differential effects of alpha-phenyl-tert-butyl nitron and N-acetylcysteine treatment. <i>Free Radical Biology and Medicine</i> , <b>2001</b> , 31, 754-62	7.8	56
184	Simvastatin and oxidative stress in humans: A randomized, double-blinded, placebo-controlled clinical trial. <i>Redox Biology</i> , <b>2016</b> , 9, 32-38	11.3	53
183	Antioxidant supplementation enhances the exercise-induced increase in mitochondrial uncoupling protein 3 and endothelial nitric oxide synthase mRNA content in human skeletal muscle. <i>Free Radical Biology and Medicine</i> , <b>2007</b> , 43, 353-61	7.8	50
182	Synthesis of Benzylglucosinolate in <i>Tropaeolum majus</i> L. (Isothiocyanates as Potent Enzyme Inhibitors). <i>Plant Physiology</i> , <b>1993</b> , 102, 609-613	6.6	49
181	Putative biomarkers for evaluating antibiotic treatment: an experimental model of porcine <i>Actinobacillus pleuropneumoniae</i> infection. <i>Research in Veterinary Science</i> , <b>2003</b> , 74, 261-70	2.5	48
180	Simultaneous determination of urinary free cortisol and 6 beta-hydroxycortisol by high-performance liquid chromatography to measure human CYP3A activity. <i>Biomedical Applications</i> , <b>1994</b> , 660, 23-9		48
179	Does vitamin C deficiency affect cognitive development and function?. <i>Nutrients</i> , <b>2014</b> , 6, 3818-46	6.7	47
178	Maternal vitamin C deficiency during pregnancy persistently impairs hippocampal neurogenesis in offspring of guinea pigs. <i>PLoS ONE</i> , <b>2012</b> , 7, e48488	3.7	47
177	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> , <b>2014</b> , 36, 51-7	5	46
176	Role of vitamin C and E supplementation on IL-6 in response to training. <i>Journal of Applied Physiology</i> , <b>2012</b> , 112, 990-1000	3.7	46
175	Vitamin C deficiency in weanling guinea pigs: differential expression of oxidative stress and DNA repair in liver and brain. <i>British Journal of Nutrition</i> , <b>2007</b> , 98, 1116-9	3.6	45
174	Dietary fat stimulates development of NAFLD more potently than dietary fructose in Sprague-Dawley rats. <i>Diabetology and Metabolic Syndrome</i> , <b>2018</b> , 10, 4	5.6	44
173	Role of marginal vitamin C deficiency in atherogenesis: in vivo models and clinical studies. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2009</b> , 104, 419-33	3.1	44
172	Distribution of enrofloxacin in intestinal tissue and contents of healthy pigs after oral and intramuscular administrations. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , <b>2002</b> , 25, 335-42	1.4	44

171	Ascorbic acid recycling in human erythrocytes is induced by smoking in vivo. <i>Free Radical Biology and Medicine</i> , <b>2003</b> , 35, 1439-47	7.8	44
170	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> , <b>2015</b> , 12, 6	8.4	38
169	Does vitamin C deficiency promote fatty liver disease development?. <i>Nutrients</i> , <b>2014</b> , 6, 5473-99	6.7	38
168	Utility of melatonin to treat surgical stress after major vascular surgery--a safety study. <i>Journal of Pineal Research</i> , <b>2008</b> , 44, 426-31	10.4	38
167	Elimination of ascorbic acid after high-dose infusion in prostate cancer patients: a pharmacokinetic evaluation. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2015</b> , 116, 343-8	3.1	36
166	A sensitive venous bleeding model in haemophilia A mice: effects of two recombinant FVIII products (N8 and Advate(®)). <i>Haemophilia</i> , <b>2012</b> , 18, 782-8	3.3	36
165	Pasteurization Procedures for Donor Human Milk Affect Body Growth, Intestinal Structure, and Resistance against Bacterial Infections in Preterm Pigs. <i>Journal of Nutrition</i> , <b>2017</b> , 147, 1121-1130	4.1	35
164	Whey protein reduces early life weight gain in mice fed a high-fat diet. <i>PLoS ONE</i> , <b>2013</b> , 8, e71439	3.7	35
163	Cardiovascular health effects of oral and pulmonary exposure to multi-walled carbon nanotubes in ApoE-deficient mice. <i>Toxicology</i> , <b>2016</b> , 371, 29-40	4.4	34
162	Increased oxidative damage in vitamin C deficiency is accompanied by induction of ascorbic acid recycling capacity in young but not mature guinea pigs. <i>Free Radical Research</i> , <b>2002</b> , 36, 567-74	4	34
161	Ascorbate and dehydroascorbic acid as biomarkers of oxidative stress: validity of clinical data depends on vacutainer system used. <i>Nutrition Research</i> , <b>2012</b> , 32, 66-9	4	33
160	2-nitro-3-(p-hydroxyphenyl)propionate and aci-1-nitro-2-(p-hydroxyphenyl)ethane, two intermediates in the biosynthesis of the cyanogenic glucoside dhurrin in <i>Sorghum bicolor</i> (L.) Moench. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1991</b> , 88, 487-91	11.5	33
159	In vitro toxicity of cationic micelles and liposomes in cultured human hepatocyte (HepG2) and lung epithelial (A549) cell lines. <i>Toxicology in Vitro</i> , <b>2016</b> , 36, 164-171	3.6	31
158	Liraglutide Decreases Hepatic Inflammation and Injury in Advanced Lean Non-Alcoholic Steatohepatitis. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2018</b> , 123, 704-713	3.1	31
157	Cerebral vasculature is the major target of oxidative protein alterations in bacterial meningitis. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2002</b> , 61, 605-13	3.1	31
156	Modulating the Gut Microbiota Improves Glucose Tolerance, Lipoprotein Profile and Atherosclerotic Plaque Development in ApoE-Deficient Mice. <i>PLoS ONE</i> , <b>2016</b> , 11, e0146439	3.7	31
155	Oral vitamin C supplementation to patients with myeloid cancer on azacitidine treatment: Normalization of plasma vitamin C induces epigenetic changes. <i>Clinical Epigenetics</i> , <b>2019</b> , 11, 143	7.7	29
154	Melatonin suppresses markers of inflammation and oxidative damage in a human daytime endotoxemia model. <i>Journal of Critical Care</i> , <b>2014</b> , 29, 184.e9-184.e13	4	29

153	Differential toxicological response to positively and negatively charged nanoparticles in the rat brain. <i>Nanotoxicology</i> , <b>2014</b> , 8, 764-74	5.3	29
152	Does vitamin C deficiency increase lifestyle-associated vascular disease progression? Evidence based on experimental and clinical studies. <i>Antioxidants and Redox Signaling</i> , <b>2013</b> , 19, 2084-104	8.4	29
151	High dietary fat and cholesterol exacerbates chronic vitamin C deficiency in guinea pigs. <i>British Journal of Nutrition</i> , <b>2011</b> , 105, 54-61	3.6	29
150	Clindamycin is neuroprotective in experimental <i>Streptococcus pneumoniae</i> meningitis compared with ceftriaxone. <i>Journal of Neurochemistry</i> , <b>2004</b> , 91, 1450-60	6	29
149	Age-dependent change in Vitamin C status: a phenomenon of maturation rather than of ageing. <i>Mechanisms of Ageing and Development</i> , <b>2005</b> , 126, 892-8	5.6	29
148	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> , <b>2015</b> , 113, 1539-49	3.6	28
147	Diet-induced dyslipidemia leads to nonalcoholic fatty liver disease and oxidative stress in guinea pigs. <i>Translational Research</i> , <b>2016</b> , 168, 146-160	11	28
146	Plasma malondialdehyde is induced by smoking: a study with balanced antioxidant profiles. <i>British Journal of Nutrition</i> , <b>2004</b> , 92, 203-6	3.6	28
145	Pronounced inflammatory response to endotoxaemia during nighttime: a randomised cross-over trial. <i>PLoS ONE</i> , <b>2014</b> , 9, e87413	3.7	28
144	Discrepancies in global vitamin C recommendations: a review of RDA criteria and underlying health perspectives. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2021</b> , 61, 742-755	11.5	28
143	Normal weight dyslipidemia: Is it all about the liver?. <i>Obesity</i> , <b>2016</b> , 24, 556-67	8	26
142	Endothelial dysfunction in the early postoperative period after major colon cancer surgery. <i>British Journal of Anaesthesia</i> , <b>2017</b> , 118, 200-206	5.4	24
141	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 -- a pilot study. <i>Journal of Cystic Fibrosis</i> , <b>2015</b> , 14, 211-8	4.1	24
140	Storage-induced increase in biomarkers of oxidative stress and inflammation in red blood cell components. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , <b>2011</b> , 71, 299-303	2	24
139	Weekly ascorbic acid infusion in castration-resistant prostate cancer patients: a single-arm phase II trial. <i>Translational Andrology and Urology</i> , <b>2017</b> , 6, 517-528	2.3	23
138	Effect of insulin-induced hypoglycaemia on the central nervous system: evidence from experimental studies. <i>Journal of Neuroendocrinology</i> , <b>2014</b> , 26, 123-50	3.8	23
137	Does vitamin C deficiency result in impaired brain development in infants?. <i>Redox Report</i> , <b>2009</b> , 14, 2-6	5.9	23
136	Poor vitamin C status is associated with increased carotid intima-media thickness, decreased microvascular function, and delayed myocardial repolarization in young patients with type 1 diabetes. <i>American Journal of Clinical Nutrition</i> , <b>2009</b> , 90, 447-52	7	23

135	No effect of melatonin to modify surgical-stress response after major vascular surgery: a randomised placebo-controlled trial. <i>European Journal of Vascular and Endovascular Surgery</i> , <b>2010</b> , 40, 461-7	2.3	23
134	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> , <b>2015</b> , 13, 312	8.5	22
133	Dyslipidemia: Obese or Not Obese-That Is Not the Question. <i>Current Obesity Reports</i> , <b>2016</b> , 5, 405-412	8.4	22
132	Ampicillin-improved glucose tolerance in diet-induced obese C57BL/6NTac mice is age dependent. <i>Journal of Diabetes Research</i> , <b>2013</b> , 2013, 319321	3.9	21
131	Evaluation of a single dose versus a divided dose regimen of danofloxacin in treatment of <i>Actinobacillus pleuropneumoniae</i> infection in pigs. <i>Research in Veterinary Science</i> , <b>2003</b> , 74, 271-7	2.5	21
130	High-fat but not sucrose intake is essential for induction of dyslipidemia and non-alcoholic steatohepatitis in guinea pigs. <i>Nutrition and Metabolism</i> , <b>2016</b> , 13, 51	4.6	21
129	Antioxidant supplementation for lung disease in cystic fibrosis. <i>The Cochrane Library</i> , <b>2014</b> , CD007020	5.2	20
128	Telomere length and genotoxicity in the lung of rats following intragastric exposure to food-grade titanium dioxide and vegetable carbon particles. <i>Mutagenesis</i> , <b>2019</b> , 34, 203-214	2.8	19
127	Cyanogenic Glycosides in Cassava, <i>Manihot esculenta</i> Crantz.. <i>Acta Chemica Scandinavica</i> , <b>1994</b> , 48, 178-180		19
126	Effect of insulin-induced hypoglycaemia on the peripheral nervous system: focus on adaptive mechanisms, pathogenesis and histopathological changes. <i>Journal of Neuroendocrinology</i> , <b>2014</b> , 26, 482-496	3.8	18
125	Chronic vitamin C deficiency does not accelerate oxidative stress in ageing brains of guinea pigs. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2012</b> , 110, 524-9	3.1	18
124	Vitamin C pharmacokinetics of plain and slow release formulations in smokers. <i>Clinical Nutrition</i> , <b>2004</b> , 23, 1043-50	5.9	18
123	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> , <b>2016</b> , 8, 3574-84	3	18
122	On the effect of vitamin C intake on human health: How to (mis)interpret the clinical evidence. <i>Redox Biology</i> , <b>2020</b> , 34, 101532	11.3	17
121	Keeping the intracellular vitamin C at a physiologically relevant level in endothelial cell culture. <i>Analytical Biochemistry</i> , <b>2010</b> , 397, 135-7	3.1	17
120	Does Glucagon-like Peptide-1 Ameliorate Oxidative Stress in Diabetes? Evidence Based on Experimental and Clinical Studies. <i>Current Diabetes Reviews</i> , <b>2016</b> , 12, 331-358	2.7	17
119	Salmon calcitonin distributes into the arcuate nucleus to a subset of NPY neurons in mice. <i>Neuropharmacology</i> , <b>2020</b> , 167, 107987	5.5	16
118	Prenatal vitamin C deficiency results in differential levels of oxidative stress during late gestation in foetal guinea pig brains. <i>Redox Biology</i> , <b>2014</b> , 2, 361-7	11.3	16

117	No effect of melatonin on oxidative stress after laparoscopic cholecystectomy: a randomized placebo-controlled trial. <i>Acta Anaesthesiologica Scandinavica</i> , <b>2010</b> , 54, 1121-7	1.9	16
116	Guinea pig ascorbate status predicts tetrahydrobiopterin plasma concentration and oxidation ratio in vivo. <i>Nutrition Research</i> , <b>2013</b> , 33, 859-67	4	15
115	Electroencephalographic changes after pediatric cardiac surgery with cardiopulmonary bypass: is slow wave activity unfavorable?. <i>Pediatric Research</i> , <b>2005</b> , 58, 771-8	3.2	15
114	Animal Models of Fibrosis in Nonalcoholic Steatohepatitis: Do They Reflect Human Disease?. <i>Advances in Nutrition</i> , <b>2020</b> , 11, 1696-1711	10	15
113	Antioxidant supplementation for lung disease in cystic fibrosis. <i>The Cochrane Library</i> , <b>2019</b> , 10, CD007029.2	9.2	15
112	Long-term Western diet fed apolipoprotein E-deficient rats exhibit only modest early atherosclerotic characteristics. <i>Scientific Reports</i> , <b>2018</b> , 8, 5416	4.9	14
111	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> , <b>2014</b> , 28, 1520-6	3.1	14
110	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> , <b>2013</b> , 110, 1573-9	3.6	14
109	Determination of the disappearance rate of iodine-125 labelled oils from the injection site after intramuscular and subcutaneous administration to pigs. <i>International Journal of Pharmaceutics</i> , <b>2001</b> , 230, 67-75	6.5	14
108	Measurement of ascorbic acid and dehydroascorbic acid in biological samples. <i>Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al ]</i> , <b>2002</b> , Chapter 7, Unit 7.6.1-15	1	14
107	Variation in diagnostic NAFLD/NASH read-outs in paired liver samples from rodent models. <i>Journal of Pharmacological and Toxicological Methods</i> , <b>2020</b> , 101, 106651	1.7	14
106	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> , <b>2017</b> , 31, 295-302	3.1	13
105	L-dehydroascorbic acid can substitute l-ascorbic acid as dietary vitamin C source in guinea pigs. <i>Redox Biology</i> , <b>2016</b> , 7, 8-13	11.3	13
104	Ascorbate status modulates reticuloendothelial iron stores and response to deferasirox iron chelation in ascorbate-deficient rats. <i>Experimental Hematology</i> , <b>2012</b> , 40, 820-7	3.1	13
103	Smoking Depletes Vitamin C: Should Smokers Be Recommended to Take Supplements? <b>2006</b> , 237-260		13
102	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> , <b>2016</b>	3.2	12
101	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> , <b>2016</b> , 119, 161-4	3.1	12
100	Oxidative stress and damage in liver, but not in brain, of Fischer 344 rats subjected to dietary iron supplementation with lipid-soluble [(3,5,5-trimethylhexanoyl)ferrocene]. <i>Journal of Biochemical and Molecular Toxicology</i> , <b>2007</b> , 21, 145-55	3.4	12



99	Lower limb ischaemia and reperfusion injury in healthy volunteers measured by oxidative and inflammatory biomarkers. <i>Perfusion (United Kingdom)</i> , <b>2015</b> , 30, 64-70	1.9	11
98	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> , <b>2019</b> , 8,	7.1	11
97	Biodistribution of rhodamine B fluorescence-labeled cationic nanoparticles in rats. <i>Journal of Nanoparticle Research</i> , <b>2014</b> , 16, 1	2.3	11
96	In vivo vitamin C deficiency in guinea pigs increases ascorbate transporters in liver but not kidney and brain. <i>Nutrition Research</i> , <b>2014</b> , 34, 639-45	4	11
95	Non-terminal blood sampling techniques in guinea pigs. <i>Journal of Visualized Experiments</i> , <b>2014</b> , e51982	1.6	11
94	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> , <b>2012</b> , 110, 353-8	3.1	11
93	Circadian variation in the response to experimental endotoxemia and modulatory effects of exogenous melatonin. <i>Chronobiology International</i> , <b>2013</b> , 30, 1174-80	3.6	11
92	Translational aspects of rectal evoked potentials: a comparative study in rats and humans. <i>American Journal of Physiology - Renal Physiology</i> , <b>2013</b> , 305, G119-28	5.1	11
91	Evaluation of a single dose versus a divided dose regimen of amoxicillin in treatment of <i>Actinobacillus pleuropneumoniae</i> infection in pigs. <i>Research in Veterinary Science</i> , <b>2005</b> , 79, 61-7	2.5	11
90	A convenient synthesis of homochiral $\alpha$ -alkylated $\alpha$ -unsaturated lactones. <i>Collection of Czechoslovak Chemical Communications</i> , <b>1991</b> , 56, 1042-1051		11
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