Dieter Ltjohann

List of Publications by Year in Descending Order

222 papers	14,693 citations	61 h-index	116 g-index
238 ext. papers	16,349 ext. citations	5.8 avg, IF	5.98 L-index

#	Paper	IF	Citations
222	Loss of Endothelial Cytochrome P450 Reductase Induces Vascular Dysfunction in Mice.. *Hypertension*, **2022**, HYPERTENSIONAHA12118752	8.5	1
221	Plasma oxyphytosterols most likely originate from hepatic oxidation and subsequent spill-over in the circulation. *Journal of Steroid Biochemistry and Molecular Biology*, **2021**, 216, 106039	5.1	0
220	24(S)-Saringosterol Prevents Cognitive Decline in a Mouse Model for Alzheimer's Disease. *Marine Drugs*, **2021**, 19,	6	5
219	Atxn2-CAG100-KnockIn mouse spinal cord shows progressive TDP43 pathology associated with cholesterol biosynthesis suppression. *Neurobiology of Disease*, **2021**, 152, 105289	7.5	8
218	Anti-Inflammatory Effects of Dietary Plant Stanol Supplementation Are Largely Dependent on the Intake of Cholesterol in a Mouse Model of Metabolic Inflammation. *Biomedicines*, **2021**, 9,	4.8	2
217	Anti-PCSK 9 antibodies increase the ratios of the brain-specific oxysterol 24S-hydroxycholesterol to cholesterol and to 27-hydroxycholesterol in the serum. *British Journal of Clinical Pharmacology*, **2021**, 87, 4252-4261	3.8	
216	Markers of cholesterol synthesis to cholesterol absorption across the spectrum of non-dialysis CKD: An observational study. *Pharmacology Research and Perspectives*, **2021**, 9, e00801	3.1	1
215	Fibroblast Growth Factor 21 Response in a Preclinical Alcohol Model of Acute-on-Chronic Liver Injury. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	1
214	Inhibition of Extracellular Cathepsin D Reduces Hepatic Lipid Accumulation and Leads to Mild Changes in Inflammationin NASH Mice. *Frontiers in Immunology*, **2021**, 12, 675535	8.4	2
213	Dynamics of the enterohepatic circulation of bile acids in healthy humans. *American Journal of Physiology - Renal Physiology*, **2021**, 321, G55-G66	5.1	2
212	No effects of PCSK9-inhibitor treatment on spatial learning, locomotor activity, and novel object recognition in mice. *Behavioural Brain Research*, **2021**, 396, 112875	3.4	1
211	Serum 4hydroxycholesterol increases during fluconazole treatment. *European Journal of Clinical Pharmacology*, **2021**, 77, 659-669	2.8	0
210	Cholesterol metabolites and plant sterols in cerebrospinal fluid are associated with Alzheimer's cerebral pathology and clinical disease progression. *Journal of Steroid Biochemistry and Molecular Biology*, **2021**, 205, 105785	5.1	4
209	Efferocytosis potentiates the expression of arachidonate 15-lipoxygenase (ALOX15) in alternatively activated human macrophages through LXR activation. *Cell Death and Differentiation*, **2021**, 28, 1301-1316	12.7	11
208	Lactate dehydrogenase B regulates macrophage metabolism in the tumor microenvironment. *Theranostics*, **2021**, 11, 7570-7588	12.1	4
207	Diet-dependent regulation of TGFimpairs reparative innate immune responses after demyelination. *Nature Metabolism*, **2021**, 3, 211-227	14.6	13
206	US-guided high-intensity focused ultrasound (HIFU) of abdominal tumors: outcome, early ablation-related laboratory changes and inflammatory reaction. A single-center experience from Germany. *International Journal of Hyperthermia*, **2021**, 38, 65-74	3.7	3

205	Pro-Inflammatory Implications of 2-Hydroxypropyl-β-Cyclodextrin Treatment. *Frontiers in Immunology*, **2021**, 12, 716357	8.4	1
204	Phytosterols and Cardiovascular Disease. *Current Atherosclerosis Reports*, **2021**, 23, 68	6	4
203	24(R, S)-Saringosterol - From artefact to a biological medical agent. *Journal of Steroid Biochemistry and Molecular Biology*, **2021**, 212, 105942	5.1	3
202	Metabolic profiling in serum, cerebrospinal fluid, and brain of patients with cerebrotendinous xanthomatosis. *Journal of Lipid Research*, **2021**, 62, 100078	6.3	2
201	Sex-opposed inflammatory effects of 27-hydroxycholesterol are mediated via differences in estrogen signaling. *Journal of Pathology*, **2020**, 251, 429-439	9.4	4
200	HDL inhibits endoplasmic reticulum stress-induced apoptosis of pancreatic β-cells in vitro by activation of Smoothened. *Journal of Lipid Research*, **2020**, 61, 492-504	6.3	13
199	Importance of β-secretase in the regulation of liver X receptor and cellular lipid metabolism. *Life Science Alliance*, **2020**, 3,	5.8	5
198	Edible seaweed-derived constituents: an undisclosed source of neuroprotective compounds. *Neural Regeneration Research*, **2020**, 15, 790-795	4.5	21
197	Optimizing Clinical Cardiovascular Outcomes by a Personalized Approach to Add Ezetimibe to a Statin. *Journal of the American College of Cardiology*, **2020**, 75, 128	15.1	1
196	Interaction of chylomicron remnants and VLDLs during ultracentrifuge separation based on the Svedberg flotation rate. *Journal of Internal Medicine*, **2020**, 287, 117	10.8	1
195	Levels of 7alpha-hydroxycholesterol and/or 7alpha-hydroxy-4-cholest-3-one are the optimal biochemical markers for the evaluation of treatment of cerebrotendinous xanthomatosis. *Journal of Neurology*, **2020**, 267, 572-573	5.5	5
194	Effects of Inhibition or Deletion of PCSK9 (Proprotein Convertase Subtilisin/Kexin Type 9) on Intracerebral Hemorrhage Volumes in Mice. *Stroke*, **2020**, 51, e297-e298	6.7	
193	Effect of DL-Methionine Supplementation on Tissue and Plasma Antioxidant Status and Concentrations of Oxidation Products of Cholesterol and Phytosterols in Heat-Processed Thigh Muscle of Broilers. *Animals*, **2020**, 10,	3.1	1
192	Effects of supplementation of DL-methionine on tissue and plasma antioxidant status during heat-induced oxidative stress in broilers. *Poultry Science*, **2020**, 99, 6837-6847	3.9	5
191	Rare dyslipidaemias, from phenotype to genotype to management: a European Atherosclerosis Society task force consensus statement. *Lancet Diabetes and Endocrinology,the*, **2020**, 8, 50-67	18.1	48
190	In vitro effects of sitosterol and sitostanol on mitochondrial respiration in human brown adipocytes, myotubes and hepatocytes. *European Journal of Nutrition*, **2020**, 59, 2039-2045	5.2	1
189	Dietary plant stanol ester supplementation reduces peripheral symptoms in a mouse model of Niemann-Pick type C1 disease. *Journal of Lipid Research*, **2020**, 61, 830-839	6.3	5
188	Need to individualise cholesterol-lowering therapy. *Heart*, **2019**, 105, 1291-1292	5.1	1

187	Serum Concentration of Plant Sterol Oxidation Products (POP) Compared to Cholesterol Oxidation Products (COP) after Intake of Oxidized Plant Sterols: A Randomised, Placebo-Controlled, Double-Blind Dose-Response Pilot Study. *Nutrients*, **2019**, 11,	6.7	6
186	Dietary Sargassum fusiforme improves memory and reduces amyloid plaque load in an Alzheimer's disease mouse model. *Scientific Reports*, **2019**, 9, 4908	4.9	32
185	The emerging concept of "individualized cholesterol-lowering therapy": A change in paradigm. *Pharmacology & Therapeutics*, **2019**, 199, 111-116	13.9	16
184	The isoflavones genistein and daidzein increase hepatic concentration of thyroid hormones and affect cholesterol metabolism in middle-aged male rats. *Journal of Steroid Biochemistry and Molecular Biology*, **2019**, 190, 1-10	5.1	25
183	First international descriptive and interventional survey for cholesterol and non-cholesterol sterol determination by gas- and liquid-chromatography-Urgent need for harmonisation of analytical methods. *Journal of Steroid Biochemistry and Molecular Biology*, **2019**, 190, 115-125	5.1	13
182	Estimating fetal cholesterol synthesis rates by cord blood analysis in intrauterine growth restriction and normally grown fetuses. *Lipids in Health and Disease*, **2019**, 18, 185	4.4	1
181	Plant-based sterols and stanols in health & disease: "Consequences of human development in a plant-based environment?". *Progress in Lipid Research*, **2019**, 74, 87-102	14.3	46
180	Three-dimensional spatially resolved geometrical and functional models of human liver tissue reveal new aspects of NAFLD progression. *Nature Medicine*, **2019**, 25, 1885-1893	50.5	31
179	Cholesterol Absorption and Synthesis in Vegetarians and Omnivores. *Molecular Nutrition and Food Research*, **2018**, 62, e1700689	5.9	5
178	Limited daily feeding and intermittent feeding have different effects on regional brain energy homeostasis during aging. *Biogerontology*, **2018**, 19, 121-132	4.5	4
177	Defective cholesterol clearance limits remyelination in the aged central nervous system. *Science*, **2018**, 359, 684-688	33.3	190
176	Active liver X receptor signaling in phagocytes in multiple sclerosis lesions. *Multiple Sclerosis Journal*, **2018**, 24, 279-289	5	17
175	International descriptive and interventional survey for oxycholesterol determination by gas- and liquid-chromatographic methods. *Biochimie*, **2018**, 153, 26-32	4.6	8
174	Influence of Chitosan Treatment on Surrogate Serum Markers of Cholesterol Metabolism in Obese Subjects. *Nutrients*, **2018**, 10,	6.7	9
173	Elevated levels of 2-arachidonoylglycerol promote atherogenesis in ApoE-/- mice. *PLoS ONE*, **2018**, 13, e0197751	3.7	10
172	Progress and perspectives in plant sterol and plant stanol research. *Nutrition Reviews*, **2018**, 76, 725-746	6.4	30
171	Modulation of cholesterol-related sterols during Eimeria bovis macromeront formation and impact of selected oxysterols on parasite development. *Molecular and Biochemical Parasitology*, **2018**, 223, 1-12	1.9	7
170	Comment on Tauriainen et al.: Serum, liver and bile sitosterol and sitostanol in obese patients with and without NAFLD. *Bioscience Reports*, **2018**, 38,	4.1	3

169	Bi-allelic Mutations in LSS, Encoding Lanosterol Synthase, Cause Autosomal-Recessive Hypotrichosis Simplex. *American Journal of Human Genetics*, **2018**, 103, 777-785	11	29
168	Plasma levels of the oxyphytosterol 7-hydroxycampesterol are associated with cardiovascular events. *Atherosclerosis*, **2018**, 279, 17-22	3.1	14
167	A Novel Function for 15-Lipoxygenases in Cholesterol Homeostasis and CCL17 Production in Human Macrophages. *Frontiers in Immunology*, **2018**, 9, 1906	8.4	14
166	Oxidation of sitosterol and transport of its 7-oxygenated products from different tissues in humans and ApoE knockout mice. *Journal of Steroid Biochemistry and Molecular Biology*, **2017**, 169, 145-151	5.1	19
165	The value of surrogate markers to monitor cholesterol absorption, synthesis and bioconversion to bile acids under lipid lowering therapies. *Journal of Steroid Biochemistry and Molecular Biology*, **2017**, 169, 111-122	5.1	10
164	Variations in dietary intake and plasma concentrations of plant sterols across plant-based diets among North American adults. *Molecular Nutrition and Food Research*, **2017**, 61, 1600828	5.9	20
163	Thermal stability of plant sterols and formation of their oxidation products in vegetable oils and margarines upon controlled heating. *Chemistry and Physics of Lipids*, **2017**, 207, 99-107	3.7	15
162	Cathepsin D regulates lipid metabolism in murine steatohepatitis. *Scientific Reports*, **2017**, 7, 3494	4.9	29
161	Blood-derived macrophages prone to accumulate lysosomal lipids trigger oxLDL-dependent murine hepatic inflammation. *Scientific Reports*, **2017**, 7, 12550	4.9	15
160	The Interpretation of Cholesterol Balance Derived Synthesis Data and Surrogate Noncholesterol Plasma Markers for Cholesterol Synthesis under Lipid Lowering Therapies. *Cholesterol*, **2017**, 2017, 5046294		6
159	Doxorubicin enhances oxysterol levels resulting in a LXR-mediated upregulation of cardiac cholesterol transporters. *Biochemical Pharmacology*, **2017**, 144, 108-119	6	8
158	The effects of vitamin E or lipoic acid supplementation on oxyphytosterols in subjects with elevated oxidative stress: a randomized trial. *Scientific Reports*, **2017**, 7, 15288	4.9	16
157	The effects of amoxicillin and vancomycin on parameters reflecting cholesterol metabolism. *Chemistry and Physics of Lipids*, **2017**, 207, 239-245	3.7	9
156	Plant sterol ester diet supplementation increases serum plant sterols and markers of cholesterol synthesis, but has no effect on total cholesterol levels. *Journal of Steroid Biochemistry and Molecular Biology*, **2017**, 169, 219-225	5.1	14
155	Hypertension, cerebrovascular impairment, and cognitive decline in aged APP/PS1 mice. *Theranostics*, **2017**, 7, 1277-1289	12.1	28
154	Common variant p.D19 H of the hepatobiliary sterol transporter ABCG5/8 affects cholesterol homeostasis in children with gallstones **2017**, 55,		
153	Bioactive Compound Screen for Pharmacological Enhancers of Apolipoprotein E in Primary Human Astrocytes. *Cell Chemical Biology*, **2016**, 23, 1526-1538	8.2	15
152	Cyclodextrin promotes atherosclerosis regression via macrophage reprogramming. *Science Translational Medicine*, **2016**, 8, 333ra50	17.5	204

151	Statins improve NASH via inhibition of RhoA and Ras. *American Journal of Physiology - Renal Physiology*, **2016**, 311, G724-G733	5.1	38
150	Dietary plant stanol ester consumption improves immune function in asthma patients: results of a randomized, double-blind clinical trial. *American Journal of Clinical Nutrition*, **2016**, 103, 444-53	7	23
149	A Dietary Treatment Improves Cerebral Blood Flow and Brain Connectivity in Aging apoE4 Mice. *Neural Plasticity*, **2016**, 2016, 6846721	3.3	42
148	Increased flux of the plant sterols campesterol and sitosterol across a disrupted blood brain barrier. *Steroids*, **2015**, 99, 183-8	2.8	11
147	Validation of an isotope dilution gas chromatography-mass spectrometry method for combined analysis of oxysterols and oxyphytosterols in serum samples. *Steroids*, **2015**, 99, 139-50	2.8	23
146	Postprandial plasma oxyphytosterol concentrations after consumption of plant sterol or stanol enriched mixed meals in healthy subjects. *Steroids*, **2015**, 99, 281-6	2.8	22
145	7□Hydroxysitosterol crosses the blood-brain barrier more favored than its substrate sitosterol in ApoE-/- mice. *Steroids*, **2015**, 99, 178-82	2.8	12
144	Vascular effects of oxysterols and oxyphytosterols in apoE□/- mice. *Atherosclerosis*, **2015**, 240, 73-9	3.1	27
143	Acute intake of plant stanol esters induces changes in lipid and lipoprotein metabolism-related gene expression in the liver and intestines of mice. *Lipids*, **2015**, 50, 529-41	1.6	10
142	Increased plant sterol deposition in vascular tissue characterizes patients with severe aortic stenosis and concomitant coronary artery disease. *Steroids*, **2015**, 99, 272-80	2.8	22
141	ATF3 Is a Key Regulator of Macrophage IFN Responses. *Journal of Immunology*, **2015**, 195, 4446-55	5.3	60
140	Methodological Aspects of Plant Sterol and Stanol Measurement. *Journal of AOAC INTERNATIONAL*, **2015**, 98, 674-676	1.7	9
139	Relative roles of ABCG5/ABCG8 in liver and intestine. *Journal of Lipid Research*, **2015**, 56, 319-30	6.3	103
138	Acute effects of plant stanol esters on postprandial metabolism and its relation with changes in serum lipids after chronic intake. *European Journal of Clinical Nutrition*, **2015**, 69, 127-33	5.2	12
137	Seven weeks of Western diet in apolipoprotein-E-deficient mice induce metabolic syndrome and non-alcoholic steatohepatitis with liver fibrosis. *Scientific Reports*, **2015**, 5, 12931	4.9	92
136	Weekly Treatment of 2-Hydroxypropyl-□yclodextrin Improves Intracellular Cholesterol Levels in LDL Receptor Knockout Mice. *International Journal of Molecular Sciences*, **2015**, 16, 21056-69	6.3	10
135	Effects of Dietary Plant Sterols and Stanol Esters with Low- and High-Fat Diets in Chronic and Acute Models for Experimental Colitis. *Nutrients*, **2015**, 7, 8518-31	6.7	17
134	Fractional cholesterol absorption measurements in humans: determinants of the blood-based dual stable isotope tracer technique. *Journal of Clinical Lipidology*, **2015**, 9, 14-25	4.9	7

133	Plant sterols: Friend or foe in CNS disorders?. *Progress in Lipid Research*, **2015**, 58, 26-39	14.3	41
132	Hematopoietic overexpression of Cyp27a1 reduces hepatic inflammation independently of 27-hydroxycholesterol levels in Ldlr(-/-) mice. *Journal of Hepatology*, **2015**, 62, 430-6	13.4	19
131	The relationships of phytosterols and oxyphytosterols in plasma and aortic valve cusps in patients with severe aortic stenosis. *Biochemical and Biophysical Research Communications*, **2014**, 446, 805-10	3.4	19
130	Plant sterols and plant stanols in the management of dyslipidaemia and prevention of cardiovascular disease. *Atherosclerosis*, **2014**, 232, 346-60	3.1	330
129	Methodological considerations for the harmonization of non-cholesterol sterol bio-analysis. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2014**, 957, 116-22	3.2	43
128	High-density lipoprotein mediates anti-inflammatory reprogramming of macrophages via the transcriptional regulator ATF3. *Nature Immunology*, **2014**, 15, 152-60	19.1	254
127	High fat diet exacerbates neuroinflammation in an animal model of multiple sclerosis by activation of the Renin Angiotensin system. *Journal of NeuroImmune Pharmacology*, **2014**, 9, 209-17	6.9	61
126	Invited commentary on the paper published by Bombo et al.: Dietary phytosterol does not accumulate in the arterial wall and prevents atherosclerosis of LDLr-KO mice. *Atherosclerosis*, **2014**, 233, 157-9	3.1	4
125	Impact of a multi-nutrient diet on cognition, brain metabolism, hemodynamics, and plasticity in apoE4 carrier and apoE knockout mice. *Brain Structure and Function*, **2014**, 219, 1841-68	4	25
124	Protective role of plant sterol and stanol esters in liver inflammation: insights from mice and humans. *PLoS ONE*, **2014**, 9, e110758	3.7	37
123	Effects of a disrupted blood-brain barrier on cholesterol homeostasis in the brain. *Journal of Biological Chemistry*, **2014**, 289, 23712-22	5.4	59
122	Upregulation of hepatic bile acid synthesis via fibroblast growth factor 19 is defective in gallstone disease but functional in overweight individuals. *United European Gastroenterology Journal*, **2014**, 2, 216-25	5.3	10
121	Oxidised plant sterols as well as oxycholesterol increase the proportion of severe atherosclerotic lesions in female LDL receptor+/- mice. *British Journal of Nutrition*, **2014**, 111, 64-70	3.6	41
120	Oxysterols and cholesterol precursors correlate to magnetic resonance imaging measures of neurodegeneration in multiple sclerosis. *Multiple Sclerosis Journal*, **2014**, 20, 412-7	5	52
119	Special lipid-based diets alleviate cognitive deficits in the APPswe/PS1dE9 transgenic mouse model of Alzheimer's disease independent of brain amyloid deposition. *Journal of Nutritional Biochemistry*, **2014**, 25, 157-69	6.3	42
118	Plant sterol oxidation products--analogs to cholesterol oxidation products from plant origin?. *Biochimie*, **2013**, 95, 464-72	4.6	41
117	Role of the ABCG8 19H risk allele in cholesterol absorption and gallstone disease. *BMC Gastroenterology*, **2013**, 13, 30	3	27
116	Oxyphytosterol formation in humans: identification of high vs. low oxidizers. *Biochemical Pharmacology*, **2013**, 86, 19-25	6	14

115	Plant sterols the better cholesterol in Alzheimer's disease? A mechanistical study. *Journal of Neuroscience*, **2013**, 33, 16072-87	6.6	86
114	Effects of plant sterol- or stanol-enriched margarine on fasting plasma oxyphytosterol concentrations in healthy subjects. *Atherosclerosis*, **2013**, 227, 414-9	3.1	42
113	Aging induces tissue-specific changes in cholesterol metabolism in rat brain and liver. *Lipids*, **2013**, 48, 1069-77	1.6	25
112	Cerebral and extracerebral cholesterol metabolism and CSF markers of Alzheimer's disease. *Biochemical Pharmacology*, **2013**, 86, 37-42	6	69
111	The cholesterol derivative 27-hydroxycholesterol reduces steatohepatitis in mice. *Gastroenterology*, **2013**, 144, 167-178.e1	13.3	64
110	Effects of specific multi-nutrient enriched diets on cerebral metabolism, cognition and neuropathology in APPswe-PS1dE9 mice. *PLoS ONE*, **2013**, 8, e75393	3.7	32
109	Cholesterol metabolism is associated with soluble amyloid precursor protein production in Alzheimer's disease. *Journal of Neurochemistry*, **2012**, 123, 310-6	6	51
108	LDL receptor knock-out mice are a physiological model particularly vulnerable to study the onset of inflammation in non-alcoholic fatty liver disease. *PLoS ONE*, **2012**, 7, e30668	3.7	105
107	Beneficial effects of sitostanol on the attenuated immune function in asthma patients: results of an in vitro approach. *PLoS ONE*, **2012**, 7, e46895	3.7	16
106	Phytosterol and cholesterol precursor levels indicate increased cholesterol excretion and biosynthesis in gallstone disease. *Hepatology*, **2012**, 55, 1507-17	11.2	36
105	Sterol lipid metabolism in down syndrome revisited: down syndrome is associated with a selective reduction in serum brassicasterol levels. *Current Gerontology and Geriatrics Research*, **2012**, 2012, 179318	2.9	9
104	Dietary intake of plant sterols stably increases plant sterol levels in the murine brain. *Journal of Lipid Research*, **2012**, 53, 726-35	6.3	71
103	Lipids in Alzheimer's disease and their potential for therapy. *Clinical Lipidology*, **2012**, 7, 65-78		10
102	Impact of efavirenz on intestinal metabolism and transport: insights from an interaction study with ezetimibe in healthy volunteers. *Clinical Pharmacology and Therapeutics*, **2012**, 91, 506-13	6.1	30
101	The isoform-specific pathological effects of apoE4 in vivo are prevented by a fish oil (DHA) diet and are modified by cholesterol. *Journal of Alzheimer's Disease*, **2012**, 28, 667-83	4.3	44
100	Compartment-specific gene regulation of the CAR inducer efavirenz in vivo. *Clinical Pharmacology and Therapeutics*, **2012**, 92, 103-11	6.1	28
99	Internalization of modified lipids by CD36 and SR-A leads to hepatic inflammation and lysosomal cholesterol storage in Kupffer cells. *PLoS ONE*, **2012**, 7, e34378	3.7	83
98	Liver X receptor activation restores memory in aged AD mice without reducing amyloid. *Neurobiology of Aging*, **2011**, 32, 1262-72	5.6	101

97	The plant sterol brassicasterol as additional CSF biomarker in Alzheimer's disease. *Acta Psychiatrica Scandinavica*, **2011**, 124, 184-92	6.5	27
96	Drug interactions between the immunosuppressant tacrolimus and the cholesterol absorption inhibitor ezetimibe in healthy volunteers. *Clinical Pharmacology and Therapeutics*, **2011**, 89, 524-8	6.1	11
95	Cerebral accumulation of dietary derivable plant sterols does not interfere with memory and anxiety related behavior in Abcg5-/- mice. *Plant Foods for Human Nutrition*, **2011**, 66, 149-56	3.9	26
94	Markers of enhanced cholesterol absorption are a strong predictor for cardiovascular diseases in patients without diabetes mellitus. *Chemistry and Physics of Lipids*, **2011**, 164, 451-6	3.7	32
93	Validation of an isotope dilution gas chromatography-mass spectrometry method for analysis of 7-oxygenated campesterol and sitosterol in human serum. *Chemistry and Physics of Lipids*, **2011**, 164, 425-31	3.7	40
92	Differential effects on inhibition of cholesterol absorption by plant stanol and plant sterol esters in apoE-/- mice. *Cardiovascular Research*, **2011**, 90, 484-92	9.9	28
91	Pharmacokinetic and pharmacodynamic interactions between the immunosuppressant sirolimus and the lipid-lowering drug ezetimibe in healthy volunteers. *Clinical Pharmacology and Therapeutics* , **2010**, 87, 663-7	6.1	20
90	Effects of simvastatin on cholesterol metabolism and Alzheimer disease biomarkers. *Alzheimer Disease and Associated Disorders*, **2010**, 24, 220-6	2.5	48
89	The associations of cholesterol metabolism and plasma plant sterols with all-cause and cardiovascular mortality. *Journal of Lipid Research*, **2010**, 51, 2384-93	6.3	76
88	Baseline cholesterol absorption and the response to ezetimibe/simvastatin therapy: a post-hoc analysis of the ENHANCE trial. *Journal of Lipid Research*, **2010**, 51, 755-62	6.3	27
87	Plant stanols dose-dependently decrease LDL-cholesterol concentrations, but not cholesterol-standardized fat-soluble antioxidant concentrations, at intakes up to 9 g/d. *American Journal of Clinical Nutrition*, **2010**, 92, 24-33	7	59
86	Role of scavenger receptor A and CD36 in diet-induced nonalcoholic steatohepatitis in hyperlipidemic mice. *Gastroenterology*, **2010**, 138, 2477-86, 2486.e1-3	13.3	110
85	Alterations of cholesterol precursor levels in Alzheimer's disease. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2010**, 1801, 945-50	5	42
84	An alternative pathway of reverse cholesterol transport: the oxysterol 27-hydroxycholesterol. *Atherosclerosis*, **2010**, 209, 39-41	3.1	20
83	Alterations in brain cholesterol metabolism in the APPSLxPS1mut mouse, a model for Alzheimer's disease. *Journal of Alzheimer's Disease*, **2010**, 19, 117-27	4.3	29
82	Synergistic influence of Abcb1 and Abcc2 on disposition and sterol lowering effects of ezetimibe in rats. *Journal of Pharmaceutical Sciences*, **2010**, 99, 422-9	3.9	10
81	The relationships of markers of cholesterol homeostasis with carotid intima-media thickness. *PLoS ONE*, **2010**, 5, e13467	3.7	32
80	Changes in cholesterol absorption and cholesterol synthesis caused by ezetimibe and/or simvastatin in men. *Journal of Lipid Research*, **2009**, 50, 2117-23	6.3	47

79	Systematic haplotype analysis resolves a complex plasma plant sterol locus on the Micronesian Island of Kosrae. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 13886-91	11.5	20
78	DHA and cholesterol containing diets influence Alzheimer-like pathology, cognition and cerebral vasculature in APPswe/PS1dE9 mice. *Neurobiology of Disease*, **2009**, 33, 482-98	7.5	140
77	Consuming functional foods enriched with plant sterol or stanol esters for 85 weeks does not affect neurocognitive functioning or mood in statin-treated hypercholesterolemic individuals. *Journal of Nutrition*, **2009**, 139, 1368-73	4.1	13
76	Alterations in cholesterol homeostasis are associated with coronary heart disease in patients with aortic stenosis. *Coronary Artery Disease*, **2009**, 20, 376-82	1.4	36
75	4beta-hydroxycholesterol as a marker of CYP3A4 inhibition in vivo - effects of itraconazole in man. *International Journal of Clinical Pharmacology and Therapeutics*, **2009**, 47, 709-15	2	47
74	Vascular effects of diet supplementation with plant sterols. *Journal of the American College of Cardiology*, **2008**, 51, 1553-61	15.1	152
73	Biological effects of oxidized phytosterols: a review of the current knowledge. *Progress in Lipid Research*, **2008**, 47, 37-49	14.3	124
72	Moderately elevated plant sterol levels are associated with reduced cardiovascular risk--the LASA study. *Atherosclerosis*, **2008**, 196, 283-288	3.1	96
71	Effects of long-term plant sterol or stanol ester consumption on lipid and lipoprotein metabolism in subjects on statin treatment. *British Journal of Nutrition*, **2008**, 100, 937-41	3.6	57
70	Disposition of ezetimibe is influenced by polymorphisms of the hepatic uptake carrier OATP1B1. *Pharmacogenetics and Genomics*, **2008**, 18, 559-68	1.9	75
69	Monocytes of patients with familial hypercholesterolemia show alterations in cholesterol metabolism. *BMC Medical Genomics*, **2008**, 1, 60	3.7	46
68	Dietary cholesterol, rather than liver steatosis, leads to hepatic inflammation in hyperlipidemic mouse models of nonalcoholic steatohepatitis. *Hepatology*, **2008**, 48, 474-86	11.2	363
67	Liquid chromatography-tandem mass spectrometry determination of plasma 24S-hydroxycholesterol with chromatographic separation of 25-hydroxycholesterol. *Analytical Biochemistry*, **2008**, 381, 151-3	3.1	40
66	Long-term efficacy and safety of ezetimibe 10 mg in patients with homozygous sitosterolemia: a 2-year, open-label extension study. *International Journal of Clinical Practice*, **2008**, 62, 1499-510	2.9	41
65	Proprotein convertase subtilisin/kexin type 9 (PCSK9) gene is a risk factor of large-vessel atherosclerosis stroke. *PLoS ONE*, **2007**, 2, e1043	3.7	53
64	Customary use of plant sterol and plant stanol enriched margarine is associated with changes in serum plant sterol and stanol concentrations in humans. *Journal of Nutrition*, **2007**, 137, 1301-6	4.1	59
63	24S-hydroxycholesterol in relation to disease manifestations of acute experimental autoimmune encephalomyelitis. *Journal of Neuroscience Research*, **2007**, 85, 1499-505	4.4	41
62	Cholesterol dynamics in the foetal and neonatal brain as reflected by circulatory levels of 24S-hydroxycholesterol. *Acta Paediatrica, International Journal of Paediatrics*, **2007**, 90, 652-657	3.1	2

61	Increased plant sterol and stanol levels in brain of Watanabe rabbits fed rapeseed oil derived plant sterol or stanol esters. *British Journal of Nutrition*, **2007**, 98, 890-9	3.6	19
60	Plasma levels of plant sterols and the risk of coronary artery disease: the prospective EPIC-Norfolk Population Study. *Journal of Lipid Research*, **2007**, 48, 139-44	6.3	86
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