

Stefan Lorkowski

List of Publications by Citations

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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.

218
papers

37,422
citations

57
h-index

193
g-index

248
ext. papers

56,282
ext. citations

9.5
avg, IF

6.2
L-index

#	Paper	IF	Citations
218	Global, regional, and national incidence, prevalence, and years lived with disability for 354 diseases and injuries for 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018 , 392, 1789-1858	40	4524
217	Global, regional, and national incidence, prevalence, and years lived with disability for 328 diseases and injuries for 195 countries, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet, The</i> , 2017 , 390, 1211-1259	40	3432
216	Global, regional, and national age-sex-specific mortality for 282 causes of death in 195 countries and territories, 1980-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018 , 392, 1736-1788	40	2850
215	Global, regional, and national age-sex specific mortality for 264 causes of death, 1980-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet, The</i> , 2017 , 390, 1151-1210	40	2542
214	Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks for 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018 , 392, 1923-1994	40	1964
213	Global burden of 369 diseases and injuries in 204 countries and territories, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2020 , 396, 1204-1222	40	1847
212	Health effects of dietary risks in 195 countries, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2019 , 393, 1958-1972	40	1479
211	Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet, The</i> , 2017 , 390, 1345-1422	40	1378
210	Global, regional, and national disability-adjusted life-years (DALYs) for 359 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018 , 392, 1859-1922	40	1283
209	Alcohol use and burden for 195 countries and territories, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet, The</i> , 2018 , 392, 1015-1035	40	1171
208	Global, regional, and national disability-adjusted life-years (DALYs) for 333 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet, The</i> , 2017 , 390, 1260-1344	40	1152
207	Global, regional, and national burden of stroke, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet Neurology, The</i> , 2019 , 18, 439-458	24.1	1102
206	Global, regional, and national burden of neurological disorders, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet Neurology, The</i> , 2019 , 18, 459-480	24.1	1093
205	Global burden of 87 risk factors in 204 countries and territories, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2020 , 396, 1223-1249	40	1013
204	Global Burden of Cardiovascular Diseases and Risk Factors, 1990-2019: Update From the GBD 2019 Study. <i>Journal of the American College of Cardiology</i> , 2020 , 76, 2982-3021	15.1	922
203	Global, regional, and national burden of Alzheimer's disease and other dementias, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet Neurology, The</i> , 2019 , 18, 88-106	24.1	782
202	Global, Regional, and Country-Specific Lifetime Risks of Stroke, 1990 and 2016. <i>New England Journal of Medicine</i> , 2018 , 379, 2429-2437	59.2	495

201	Global, regional, and national age-sex-specific mortality and life expectancy, 1950-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018 , 392, 1684-1735	40	483
200	Global, regional, and national under-5 mortality, adult mortality, age-specific mortality, and life expectancy, 1970-2016: a systematic analysis for the Global Burden of Disease Study 2016. <i>Lancet, The</i> , 2017 , 390, 1084-1150	40	421
199	Susceptibility to coronary artery disease and diabetes is encoded by distinct, tightly linked SNPs in the ANRIL locus on chromosome 9p. <i>Human Molecular Genetics</i> , 2008 , 17, 806-14	5.6	420
198	Measuring performance on the Healthcare Access and Quality Index for 195 countries and territories and selected subnational locations: a systematic analysis from the Global Burden of Disease Study 2016. <i>Lancet, The</i> , 2018 , 391, 2236-2271	40	381
197	Global, regional, and national burden of suicide mortality 1990 to 2016: systematic analysis for the Global Burden of Disease Study 2016. <i>BMJ, The</i> , 2019 , 364, l94	5.9	302
196	The global, regional, and national burden of cirrhosis by cause in 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>The Lancet Gastroenterology and Hepatology</i> , 2020 , 5, 245-266	18.8	297
195	Vitamin E: Emerging aspects and new directions. <i>Free Radical Biology and Medicine</i> , 2017 , 102, 16-36	7.8	230
194	Global, regional, and national burden of stroke and its risk factors, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet Neurology, The</i> , 2021 , 20, 795-820	24.1	229
193	Measuring progress and projecting attainment on the basis of past trends of the health-related Sustainable Development Goals in 188 countries: an analysis from the Global Burden of Disease Study 2016. <i>Lancet, The</i> , 2017 , 390, 1423-1459	40	224
192	Measuring progress from 1990 to 2017 and projecting attainment to 2030 of the health-related Sustainable Development Goals for 195 countries and territories: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018 , 392, 2091-2138	40	210
191	Production of type VI collagen by human macrophages: a new dimension in macrophage functional heterogeneity. <i>Journal of Immunology</i> , 2008 , 180, 5707-19	5.3	193
190	Population and fertility by age and sex for 195 countries and territories, 1950-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018 , 392, 1995-2051	40	189
189	Past, present, and future of global health financing: a review of development assistance, government, out-of-pocket, and other private spending on health for 195 countries, 1995-2050. <i>Lancet, The</i> , 2019 , 393, 2233-2260	40	158
188	Perspective: NutriGrade: A Scoring System to Assess and Judge the Meta-Evidence of Randomized Controlled Trials and Cohort Studies in Nutrition Research. <i>Advances in Nutrition</i> , 2016 , 7, 994-1004	10	134
187	HDL-associated lysosphingolipids inhibit NAD(P)H oxidase-dependent monocyte chemoattractant protein-1 production. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008 , 28, 1542-8	9.4	120
186	Complexity of vitamin E metabolism. <i>World Journal of Biological Chemistry</i> , 2016 , 7, 14-43	3.8	120
185	Butyrophilin controls milk fat globule secretion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 10385-10390	11.5	114
184	Five insights from the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2020 , 396, 1135-1159	40	113

183	Polyunsaturated fatty acids and acetoacetate downregulate the expression of the ATP-binding cassette transporter A1. <i>Diabetes</i> , 2002 , 51, 2922-8	0.9	105
182	Unsaturated fatty acids suppress the expression of the ATP-binding cassette transporter G1 (ABCG1) and ABCA1 genes via an LXR/RXR responsive element. <i>Atherosclerosis</i> , 2007 , 191, 11-21	3.1	99
181	Rupture of the atherosclerotic plaque: does a good animal model exist?. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003 , 23, 535-42	9.4	98
180	Spatial, temporal, and demographic patterns in prevalence of smoking tobacco use and attributable disease burden in 204 countries and territories, 1990-2019: a systematic analysis from the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2021 , 397, 2337-2360	40	97
179	Estimation of the global prevalence of dementia in 2019 and forecasted prevalence in 2050: an analysis for the Global Burden of Disease Study 2019.. <i>Lancet Public Health, The</i> , 2022 ,	22.4	95
178	ATP binding cassette transporter ABCA1 modulates the secretion of apolipoprotein E from human monocyte-derived macrophages. <i>FASEB Journal</i> , 2001 , 15, 1555-61	0.9	93
177	Lipid droplets gain PAT family proteins by interaction with specialized plasma membrane domains. <i>Journal of Biological Chemistry</i> , 2005 , 280, 26330-8	5.4	88
176	Mapping 123 million neonatal, infant and child deaths between 2000 and 2017. <i>Nature</i> , 2019 , 574, 353-358	58.4	87
175	The human ABCG4 gene is regulated by oxysterols and retinoids in monocyte-derived macrophages. <i>Biochemical and Biophysical Research Communications</i> , 2001 , 288, 483-8	3.4	85
174	Proinflammatory cytokines regulate LOX-1 expression in vascular smooth muscle cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004 , 24, 1789-95	9.4	84
173	Characterization of the synthetic compatible solute homoectoine as a potent PCR enhancer. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 322, 867-72	3.4	84
172	Noninvasive imaging of intracellular lipid metabolism in macrophages by Raman microscopy in combination with stable isotopic labeling. <i>Analytical Chemistry</i> , 2012 , 84, 8549-56	7.8	83
171	Tocopherol preserves cardiac function by reducing oxidative stress and inflammation in ischemia/reperfusion injury. <i>Redox Biology</i> , 2019 , 26, 101292	11.3	79
170	Cardiovascular mortality attributable to dietary risk factors in 51 countries in the WHO European Region from 1990 to 2016: a systematic analysis of the Global Burden of Disease Study. <i>European Journal of Epidemiology</i> , 2019 , 34, 37-55	12.1	79
169	Phosducin influences sympathetic activity and prevents stress-induced hypertension in humans and mice. <i>Journal of Clinical Investigation</i> , 2011 , 121, 454-454	15.9	78
168	Selection of reliable reference genes during THP-1 monocyte differentiation into macrophages. <i>BMC Molecular Biology</i> , 2010 , 11, 90	4.5	74
167	Endogenous metabolites of vitamin E limit inflammation by targeting 5-lipoxygenase. <i>Nature Communications</i> , 2018 , 9, 3834	17.4	71
166	Influence of roasting conditions on health-related compounds in different nuts. <i>Food Chemistry</i> , 2015 , 180, 77-85	8.5	67

165	Expression of the ATP-binding cassette transporter gene ABCG1 (ABC8) in Tangier disease. <i>Biochemical and Biophysical Research Communications</i> , 2001 , 283, 821-30	3.4	61
164	Regulatory metabolites of vitamin E and their putative relevance for atherogenesis. <i>Redox Biology</i> , 2014 , 2, 495-503	11.3	60
163	Reduced PMA enhances the responsiveness of transfected THP-1 macrophages to polarizing stimuli. <i>Journal of Immunological Methods</i> , 2014 , 402, 76-81	2.5	58
162	Genomic sequence and structure of the human ABCG1 (ABC8) gene. <i>Biochemical and Biophysical Research Communications</i> , 2001 , 280, 121-31	3.4	57
161	Kallikrein Cleaves C3 and Activates Complement. <i>Journal of Innate Immunity</i> , 2018 , 10, 94-105	6.9	56
160	Omega-3 fatty acids and mortality in patients referred for coronary angiography. The Ludwigshafen Risk and Cardiovascular Health Study. <i>Atherosclerosis</i> , 2016 , 252, 175-181	3.1	53
159	Nutritional Value of the Duckweed Species of the Genus (Lemnaceae) as Human Food. <i>Frontiers in Chemistry</i> , 2018 , 6, 483	5	53
158	Trans-fatty acids and mortality in patients referred for coronary angiography: the Ludwigshafen Risk and Cardiovascular Health Study. <i>European Heart Journal</i> , 2016 , 37, 1072-8	9.5	52
157	Age-related macular degeneration associated polymorphism rs10490924 in ARMS2 results in deficiency of a complement activator. <i>Journal of Neuroinflammation</i> , 2017 , 14, 4	10.1	52
156	Efficient non-viral transfection of THP-1 cells. <i>Journal of Immunological Methods</i> , 2009 , 344, 109-15	2.5	51
155	Long-chain metabolites of Tocopherol occur in human serum and inhibit macrophage foam cell formation in vitro. <i>Free Radical Biology and Medicine</i> , 2014 , 68, 43-51	7.8	47
154	ADP-ribosylation factor (ARF)-like 7 (ARL7) is induced by cholesterol loading and participates in apolipoprotein AI-dependent cholesterol export. <i>FEBS Letters</i> , 2004 , 566, 241-6	3.8	47
153	Microfluidically supported biochip design for culture of endothelial cell layers with improved perfusion conditions. <i>Biofabrication</i> , 2015 , 7, 015013	10.5	45
152	Tocopherol long-chain metabolite 13QCOOH affects the inflammatory response of lipopolysaccharide-activated murine RAW264.7 macrophages. <i>Molecular Nutrition and Food Research</i> , 2015 , 59, 1524-34	5.9	45
151	Complexity of fatty acid distribution inside human macrophages on single cell level using Raman micro-spectroscopy. <i>Analytical and Bioanalytical Chemistry</i> , 2014 , 406, 7037-46	4.4	44
150	Evidence-Based Guideline of the German Nutrition Society: Fat Intake and Prevention of Selected Nutrition-Related Diseases. <i>Annals of Nutrition and Metabolism</i> , 2015 , 67, 141-204	4.5	43
149	TIP47, a lipid cargo protein involved in macrophage triglyceride metabolism. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009 , 29, 767-73	9.4	42
148	Docosahexaenoic acid in the treatment of rheumatoid arthritis: A double-blind, placebo-controlled, randomized cross-over study with microalgae vs. sunflower oil. <i>Clinical Nutrition</i> , 2018 , 37, 494-504	5.9	41

147	The pathogenesis of atherosclerosis. <i>Handbook of Experimental Pharmacology</i> , 2005 , 3-70	3.2	41
146	Factor H Binds to Extracellular DNA Traps Released from Human Blood Monocytes in Response to. <i>Frontiers in Immunology</i> , 2016 , 7, 671	8.4	39
145	Trimethylamine-N-oxide and Heart Failure With Reduced Versus Preserved Ejection Fraction. <i>Journal of the American College of Cardiology</i> , 2017 , 70, 3202-3204	15.1	38
144	Individual omega-9 monounsaturated fatty acids and mortality-The Ludwigshafen Risk and Cardiovascular Health Study. <i>Journal of Clinical Lipidology</i> , 2017 , 11, 126-135.e5	4.9	36
143	Cholesterol absorption inhibitor Ezetimibe blocks uptake of oxidized LDL in human macrophages. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 320, 1337-41	3.4	36
142	Analytical strategies to assess the functional metabolome of vitamin E. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 124, 399-412	3.5	35
141	Optimized incubation regime for nitric oxide measurements in murine macrophages using the Griess assay. <i>Journal of Immunological Methods</i> , 2017 , 449, 68-70	2.5	35
140	Natural 6-hydroxy-chromanols and -chromenols: structural diversity, biosynthetic pathways and health implications.. <i>RSC Advances</i> , 2018 , 8, 4803-4841	3.7	34
139	Relationships between Cargo, Cell Penetrating Peptides and Cell Type for Uptake of Non-Covalent Complexes into Live Cells. <i>Pharmaceuticals</i> , 2013 , 6, 184-203	5.2	34
138	Spatial integration of TIP47 and adipophilin in macrophage lipid bodies. <i>Journal of Biological Chemistry</i> , 2005 , 280, 5789-94	5.4	34
137	Phosducin influences sympathetic activity and prevents stress-induced hypertension in humans and mice. <i>Journal of Clinical Investigation</i> , 2009 , 119, 3597-3612	15.9	34
136	Determination of tocopherols and their metabolites by liquid-chromatography coupled with tandem mass spectrometry in human plasma and serum. <i>Talanta</i> , 2017 , 170, 552-561	6.2	33
135	Pharmacological regulation of cholesterol efflux in human monocyte-derived macrophages in the absence of exogenous cholesterol acceptors. <i>Atherosclerosis</i> , 2005 , 179, 229-36	3.1	33
134	Long-Chain Metabolites of Vitamin E: Metabolic Activation as a General Concept for Lipid-Soluble Vitamins?. <i>Antioxidants</i> , 2018 , 7,	7.1	32
133	Cloning, genomic organization, and tissue-specific expression of the RASL11B gene. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2007 , 1769, 514-24		32
132	Human serum determination and in vitro anti-inflammatory activity of the vitamin E metabolite α -(13 β -hydroxy)-6-hydroxychroman. <i>Free Radical Biology and Medicine</i> , 2015 , 89, 952-62	7.8	31
131	Process control and scale-up of modified bacterial cellulose production for tailor-made anti-inflammatory drug delivery systems. <i>Carbohydrate Polymers</i> , 2020 , 236, 116062	10.3	30
130	In vitro fermentation of nuts results in the formation of butyrate and c9,t11 conjugated linoleic acid as chemopreventive metabolites. <i>European Journal of Nutrition</i> , 2016 , 55, 2063-73	5.2	26

129	Vitamin E: Regulatory role of metabolites. <i>IUBMB Life</i> , 2019 , 71, 479-486	4.7	26
128	TGF-beta1 generates a specific multicomponent extracellular matrix in human coronary SMC. <i>European Journal of Clinical Investigation</i> , 2006 , 36, 473-82	4.6	25
127	Semisynthetic and Natural Garcinoic Acid Isoforms as New mPGES-1 Inhibitors. <i>Planta Medica</i> , 2016 , 82, 1110-6	3.1	24
126	Omega-6 fatty acids: Opposing associations with risk-The Ludwigshafen Risk and Cardiovascular Health Study. <i>Journal of Clinical Lipidology</i> , 2017 , 11, 1082-1090.e14	4.9	23
125	Highly efficient transfection of human THP-1 macrophages by nucleofection. <i>Journal of Visualized Experiments</i> , 2014 , e51960	1.6	23
124	Cloning, cellular localization, genomic organization, and tissue-specific expression of the TGFbeta1-inducible SMAP-5 gene. <i>Gene</i> , 2005 , 351, 119-30	3.8	23
123	Real-time Raman and SRS imaging of living human macrophages reveals cell-to-cell heterogeneity and dynamics of lipid uptake. <i>Journal of Biophotonics</i> , 2017 , 10, 1217-1226	3.1	22
122	The vitamin E derivative garcinoic acid from <i>Garcinia kola</i> nut seeds attenuates the inflammatory response. <i>Redox Biology</i> , 2019 , 24, 101166	11.3	22
121	Trans-fatty acids and cardiovascular risk: does origin matter?. <i>Expert Review of Cardiovascular Therapy</i> , 2016 , 14, 1001-5	2.5	22
120	Laminin isoforms in atherosclerotic arteries from mice and man. <i>Histology and Histopathology</i> , 2011 , 26, 711-24	1.4	21
119	Mapping local patterns of childhood overweight and wasting in low- and middle-income countries between 2000 and 2017. <i>Nature Medicine</i> , 2020 , 26, 750-759	50.5	21
118	Cell surface localization of ABCG1 does not require LXR activation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006 , 26, e143-4; author reply e145	9.4	20
117	Structure-Function Relationship Studies In Vitro Reveal Distinct and Specific Effects of Long-Chain Metabolites of Vitamin E. <i>Molecular Nutrition and Food Research</i> , 2017 , 61, 1700562	5.9	19
116	Correspondence of function and phylogeny of ABC proteins based on an automated analysis of 20 model protein data sets. <i>Proteins: Structure, Function and Bioinformatics</i> , 2005 , 61, 888-99	4.2	19
115	Diabetes-Related Burden and Distress is Low in People with Diabetes at Outpatient Tertiary Care Level. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2016 , 124, 307-12	2.3	18
114	High phosphorus intake and gut-related parameters - results of a randomized placebo-controlled human intervention study. <i>Nutrition Journal</i> , 2018 , 17, 23	4.3	18
113	ABCG subfamily of human ATP-binding cassette proteins. <i>Pure and Applied Chemistry</i> , 2002 , 74, 2057-2081	11	17
112	Saturated fatty acids are not off the hook. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2015 , 25, 1071-8	4.5	16

111	Saturated fatty acids and mortality in patients referred for coronary angiography-The Ludwigshafen Risk and Cardiovascular Health study. <i>Journal of Clinical Lipidology</i> , 2018 , 12, 455-463.e3	4.9	16
110	IsoSVM--distinguishing isoforms and paralogs on the protein level. <i>BMC Bioinformatics</i> , 2006 , 7, 110	3.6	15
109	Apolipoprotein E in macrophages and hepatocytes is eegraded via the proteasomal pathway. <i>Biochemical and Biophysical Research Communications</i> , 2001 , 282, 608-14	3.4	15
108	Inflammatory Diseases and Vitamin E-What Do We Know and Where Do We Go?. <i>Molecular Nutrition and Food Research</i> , 2021 , 65, e2000097	5.9	15
107	Causes of upregulation of glycolysis in lymphocytes upon stimulation. A comparison with other cell types. <i>Biochimie</i> , 2015 , 118, 185-94	4.6	14
106	An App to Improve Eating Habits of Adolescents and Young Adults (Challenge to Go): Systematic Development of a Theory-Based and Target Group-Adapted Mobile App Intervention. <i>JMIR MHealth and UHealth</i> , 2019 , 7, e11575	5.5	14
105	Raman imaging of macrophages incubated with triglyceride-enriched oxLDL visualizes translocation of lipids between endocytic vesicles and lipid droplets. <i>Journal of Lipid Research</i> , 2017 , 58, 876-883	6.3	13
104	Transduction of proteins into leishmania tarentolae by formation of non-covalent complexes with cell-penetrating peptides. <i>Journal of Cellular Biochemistry</i> , 2014 , 115, 243-52	4.7	13
103	Improved protocol for efficient nonviral transfection of premature THP-1 macrophages. <i>Cold Spring Harbor Protocols</i> , 2011 , 2011, pdb.prot5612	1.2	13
102	Impact of different roasting conditions on sensory properties and health-related compounds of oat products. <i>Food Chemistry</i> , 2020 , 307, 125548	8.5	13
101	Study on chemopreventive effects of raw and roasted β-glucan-rich waxy winter barley using an in vitro human colon digestion model. <i>Food and Function</i> , 2020 , 11, 2626-2638	6.1	12
100	Laser microdissection-based analysis of mRNA expression in human coronary arteries with intimal thickening. <i>Journal of Histochemistry and Cytochemistry</i> , 2004 , 52, 1511-8	3.4	12
99	Cardiovascular and Metabolic Protection by Vitamin E: A Matter of Treatment Strategy?. <i>Antioxidants</i> , 2020 , 9,	7.1	12
98	Transfecting Macrophages. <i>Methods in Molecular Biology</i> , 2018 , 1784, 187-195	1.4	12
97	Encapsulation of the dual FLAP/mPEGS-1 inhibitor BRP-187 into acetalated dextran and PLGA nanoparticles improves its cellular bioactivity. <i>Journal of Nanobiotechnology</i> , 2020 , 18, 73	9.4	11
96	Long-chain metabolites of vitamin E: Interference with lipotoxicity via lipid droplet associated protein PLIN2. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018 , 1863, 919-927	5	11
95	Impact of different roasting conditions on chemical composition, sensory quality and physicochemical properties of waxy-barley products. <i>Food and Function</i> , 2019 , 10, 5436-5445	6.1	11
94	GFP-tagged proteins visualized by Freeze-fracture immuno-electron microscopy: a new tool in cellular and molecular medicine. <i>Journal of Cellular and Molecular Medicine</i> , 2009 , 13, 1381-90	5.6	11

93	Exogenous nitric oxide regulates activity and synthesis of vascular endothelial nitric oxide synthase. <i>European Journal of Clinical Investigation</i> , 2008 , 38, 476-85	4.6	11
92	Chemopreventive potential of in vitro fermented nuts in LT97 colon adenoma and primary epithelial colon cells. <i>Molecular Carcinogenesis</i> , 2017 , 56, 1461-1471	5	10
91	CYP4F2 repression and a modified alpha-tocopherol (vitamin E) metabolism are two independent consequences of ethanol toxicity in human hepatocytes. <i>Toxicology in Vitro</i> , 2017 , 40, 124-133	3.6	10
90	The Peroxisome Proliferator-Activated Receptor (PPAR)- Antagonist 2-Chloro-5-Nitro-N-Phenylbenzamide (GW9662) Triggers Perilipin 2 Expression via PPAR and Induces Lipogenesis and Triglyceride Accumulation in Human THP-1 Macrophages. <i>Molecular Pharmacology</i> , 2020 , 97, 212-225	4.3	10
89	In vitro-fermented raw and roasted walnuts induce expression of CAT and GSTT2 genes, growth inhibition, and apoptosis in LT97 colon adenoma cells. <i>Nutrition Research</i> , 2017 , 47, 72-80	4	10
88	Reply to JJ Meerpohl et al. <i>Advances in Nutrition</i> , 2017 , 8, 790-791	10	10
87	Expression of perilipin isoforms in cell types involved in atherogenesis. <i>Atherosclerosis</i> , 2007 , 190, 14-5; author reply 16-7	3.1	10
86	VisCoSe: visualization and comparison of consensus sequences. <i>Bioinformatics</i> , 2004 , 20, 433-5	7.2	10
85	A procedure for efficient non-viral siRNA transfection of primary human monocytes using nucleofection. <i>Journal of Immunological Methods</i> , 2015 , 422, 118-24	2.5	9
84	Macrophage function and stability of the atherosclerotic plaque: progress report of a European project. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2002 , 12, 3-11	4.5	9
83	Functional Biomarkers for the Selenium Status in a Human Nutritional Intervention Study. <i>Nutrients</i> , 2020 , 12,	6.7	8
82	Chemopreventive Potential of Fermented Raw and Roasted Hazelnuts in LT97 Colon Adenoma Cells. <i>Anticancer Research</i> , 2018 , 38, 83-93	2.3	8
81	Global, regional, and national mortality among young people aged 10-24 years, 1950-2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2021 , 398, 1593-1618	40	8
80	Endogenous vitamin E metabolites mediate allosteric PPAR α activation with unprecedented co-regulatory interactions. <i>Cell Chemical Biology</i> , 2021 , 28, 1489-1500.e8	8.2	8
79	Anti-inflammatory celastrol promotes a switch from leukotriene biosynthesis to formation of specialized pro-resolving lipid mediators. <i>Pharmacological Research</i> , 2021 , 167, 105556	10.2	8
78	BLASTing proteomes, yielding phylogenies. <i>In Silico Biology</i> , 2003 , 3, 313-9	2	8
77	Diversity of Chromanol and Chromenol Structures and Functions: An Emerging Class of Anti-Inflammatory and Anti-Carcinogenic Agents. <i>Frontiers in Pharmacology</i> , 2020 , 11, 362	5.6	7
76	Evidence for an alternative genomic structure, mRNA and protein sequence of human ABCA13. <i>Gene</i> , 2013 , 515, 298-307	3.8	7

75	Monitoring intra-cellular lipid metabolism in macrophages by Raman- and CARS-microscopy 2010 ,		7
74	Modified Bacterial Cellulose Dressings to Treat Inflammatory Wounds. <i>Nanomaterials</i> , 2020 , 10,	5.4	7
73	Global mortality from dementia: Application of a new method and results from the Global Burden of Disease Study 2019. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2021 , 7, e12200	6	7
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