Stefan Lorkowski

List of Publications by Year
in descending order

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226 papers	75,821 citations	17440 63 h-index	1825 210 g-index
251 all docs	251 docs citations	251 times ranked	85640 citing authors

#	Article	IF	Citations
1	Global, regional, and national incidence, prevalence, and years lived with disability for 354 diseases and injuries for 195 countries and territories, 1990â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. Lancet, The, 2018, 392, 1789-1858.	13.7	8,569
2	Global burden of 369 diseases and injuries in 204 countries and territories, 1990â€“2019: a systematic analysis for the Global Burden of Disease Study 2019. Lancet, The, 2020, 396, 1204-1222.	13.7	7,664
3	Global, regional, and national incidence, prevalence, and years lived with disability for 328 diseases and injuries for 195 countries, 1990â€“2016: a systematic analysis for the Global Burden of Disease Study 2016. Lancet, The, 2017, 390, 1211-1259.	13.7	5,578
4	Global, regional, and national age-sex-specific mortality for 282 causes of death in 195 countries and territories, 1980â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. Lancet, The, 2018, 392, 1736-1788.	13.7	4,989
5	Global Burden of Cardiovascular Diseases and Risk Factors, 1990â€“2019. Journal of the American College of Cardiology, 2020, 76, 2982-3021.	2.8	4,468
6	Global burden of 87 risk factors in 204 countries and territories, 1990â€“2019: a systematic analysis for the Global Burden of Disease Study 2019. Lancet, The, 2020, 396, 1223-1249.	13.7	3,928
7	Global, regional, and national age-sex specific mortality for 264 causes of death, 1980â€“2016: a systematic analysis for the Global Burden of Disease Study 2016. Lancet, The, 2017, 390, 1151-1210.	13.7	3,565
8	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, 1990â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. Lancet, The, 2018, 392, 1923-1994.	13.7	3,269
9	Health effects of dietary risks in 195 countries, 1990â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. Lancet, The, 2019, 393, 1958-1972.	13.7	3,062
10	Global, regional, and national burden of neurological disorders, 1990â€“2016: a systematic analysis for the Global Burden of Disease Study 2016. Lancet Neurology, The, 2019, 18, 459-480.	10.2	2,625
11	Global, regional, and national burden of stroke and its risk factors, 1990â€“2019: a systematic analysis for the Global Burden of Disease Study 2019. Lancet Neurology, The, 2021, 20, 795-820.	10.2	2,308
12	Global, regional, and national disability-adjusted life-years (DALYs) for 359 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. Lancet, The, 2018, 392, 1859-1922.	13.7	2,123
13	Alcohol use and burden for 195 countries and territories, 1990â€“2016: a systematic analysis for the Global Burden of Disease Study 2016. Lancet, The, 2018, 392, 1015-1035.	13.7	2,005
14	Global, regional, and national burden of stroke, 1990â€“2016: a systematic analysis for the Global Burden of Disease Study 2016. Lancet Neurology, The, 2019, 18, 439-458.	10.2	2,005
15	Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990â€“2016: a systematic analysis for the Global Burden of Disease Study 2016. Lancet, The, 2017, 390, 1345-1422.	13.7	1,879
16	Global, regional, and national disability-adjusted life-years (DALYs) for 333 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990â€“2016: a systematic analysis for the Global Burden of Disease Study 2016. Lancet, The, 2017, 390, 1260-1344.	13.7	1,589
17	Global, regional, and national burden of Alzheimer's disease and other dementias, 1990â€“2016: a systematic analysis for the Global Burden of Disease Study 2016. Lancet Neurology, The, 2019, 18, 88-106.	10.2	1,512
18	Estimation of the global prevalence of dementia in 2019 and forecasted prevalence in 2050: an analysis for the Global Burden of Disease Study 2019. Lancet Public Health, The, 2022, 7, e105-e125.	10.0	1,199

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19	Global, Regional, and Country-Specific Lifetime Risks of Stroke, 1990 and 2016. New England Journal of Medicine, 2018, 379, 2429-2437.	27.0	959
20	The global, regional, and national burden of cirrhosis by cause in 195 countries and territories, 1990â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. The Lancet Gastroenterology and Hepatology, 2020, 5, 245-266.	8.1	823
21	Global, regional, and national age-sex-specific mortality and life expectancy, 1950â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. Lancet, The, 2018, 392, 1684-1735.	13.7	716
22	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. Lancet, The, 2018, 391, 2236-2271.	13.7	638
23	Spatial, temporal, and demographic patterns in prevalence of smoking tobacco use and attributable disease burden in 204 countries and territories, 1990â€“2019: a systematic analysis from the Global Burden of Disease Study 2019. Lancet, The, 2021, 397, 2337-2360.	13.7	609
24	Global, regional, and national under-5 mortality, adult mortality, age-specific mortality, and life expectancy, 1970â€“2016: a systematic analysis for the Global Burden of Disease Study 2016. Lancet, The, 2017, 390, 1084-1150.	13.7	573
25	Global, regional, and national burden of suicide mortality 1990 to 2016: systematic analysis for the Global Burden of Disease Study 2016. BMJ: British Medical Journal, 2019, 364, l94.	2.3	558
26	Susceptibility to coronary artery disease and diabetes is encoded by distinct, tightly linked SNPs in the ANRIL locus on chromosome 9p. Human Molecular Genetics, 2008, 17, 806-814.	2.9	472
27	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. Lancet, The, 2018, 392, 2091-2138.	13.7	335
28	Five insights from the Global Burden of Disease Study 2019. Lancet, The, 2020, 396, 1135-1159.	13.7	335
29	Vitamin E: Emerging aspects and new directions. Free Radical Biology and Medicine, 2017, 102, 16-36.	2.9	320
30	Population and fertility by age and sex for 195 countries and territories, 1950â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. Lancet, The, 2018, 392, 1995-2051.	13.7	294
31	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. Lancet, The, 2017, 390, 1423-1459.	13.7	284
32	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, 1995â€“2050. Lancet, The, 2019, 393, 2233-2260.	13.7	283
33	Production of Type VI Collagen by Human Macrophages: A New Dimension in Macrophage Functional Heterogeneity. Journal of Immunology, 2008, 180, 5707-5719.	0.8	241
34	Perspective: NutriGrade: A Scoring System to Assess and Judge the Meta-Evidence of Randomized Controlled Trials and Cohort Studies in Nutrition Research. Advances in Nutrition, 2016, 7, 994-1004.	6.4	230
35	Mapping 123 million neonatal, infant and child deaths between 2000 and 2017. Nature, 2019, 574, 353-358.	27.8	161
36	Complexity of vitamin E metabolism. World Journal of Biological Chemistry, 2016, 7, 14.	4.3	157

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37	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. European Journal of Epidemiology, 2019, 34, 37-55.	5.7	139
38	Î±-Tocopherol preserves cardiac function by reducing oxidative stress and inflammation in ischemia/reperfusion injury. Redox Biology, 2019, 26, 101292.	9.0	138
39	HDL-Associated Lysosphingolipids Inhibit NAD(P)H Oxidase-Dependent Monocyte Chemoattractant Protein-1 Production. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 1542-1548.	2.4	136
40	Butyrophilin controls milk fat globule secretion. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 10385-10390.	7.1	127
41	Noninvasive Imaging of Intracellular Lipid Metabolism in Macrophages by Raman Microscopy in Combination with Stable Isotopic Labeling. Analytical Chemistry, 2012, 84, 8549-8556.	6.5	114
42	Polyunsaturated Fatty Acids and Acetoacetate Downregulate the Expression of the ATP-Binding Cassette Transporter A1. Diabetes, 2002, 51, 2922-2928.	0.6	113
43	Unsaturated fatty acids suppress the expression of the ATP-binding cassette transporter G1 (ABCG1) and ABCA1 genes via an LXR/RXR responsive element. Atherosclerosis, 2007, 191, 11-21.	0.8	110
44	Rupture of the Atherosclerotic Plaque. Arteriosclerosis, Thrombosis, and Vascular Biology, 2003, 23, 535-542.	2.4	107
45	Nutritional Value of the Duckweed Species of the Genus Wolffia (Lemnaceae) as Human Food. Frontiers in Chemistry, 2018, 6, 483.	3.6	102
46	Endogenous metabolites of vitamin E limit inflammation by targeting 5-lipoxygenase. Nature Communications, 2018, 9, 3834.	12.8	101
47	ATP binding cassette transporter ABCA1 modulates the secretion of apolipoprotein E from human monocyteâ€derived macrophages. FASEB Journal, 2001, 15, 1555-1561.	0.5	99
48	Lipid Droplets Gain PAT Family Proteins by Interaction with Specialized Plasma Membrane Domains. Journal of Biological Chemistry, 2005, 280, 26330-26338.	3.4	99
49	Proinflammatory Cytokines Regulate LOX-1 Expression in Vascular Smooth Muscle Cells. Arteriosclerosis, Thrombosis, and Vascular Biology, 2004, 24, 1789-1795.	2.4	96
50	The Human ABCG4 Gene Is Regulated by Oxysterols and Retinoids in Monocyte-Derived Macrophages. Biochemical and Biophysical Research Communications, 2001, 288, 483-488.	2.1	94
51	Selection of reliable reference genes during THP-1 monocyte differentiation into macrophages. BMC Molecular Biology, 2010, 11, 90.	3.0	94
52	Reduced PMA enhances the responsiveness of transfected THP-1 macrophages to polarizing stimuli. Journal of Immunological Methods, 2014, 402, 76-81.	1.4	94
53	Global, regional, and national mortality among young people aged 10â€“24 years, 1950â€“2019: a systematic analysis for the Global Burden of Disease Study 2019. Lancet, The, 2021, 398, 1593-1618.	13.7	92
54	Characterization of the synthetic compatible solute homoectoine as a potent PCR enhancer. Biochemical and Biophysical Research Communications, 2004, 322, 867-872.	2.1	90

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55	Influence of roasting conditions on health-related compounds in different nuts. Food Chemistry, 2015, 180, 77-85.	8.2	90
56	Kallikrein Cleaves C3 and Activates Complement. Journal of Innate Immunity, 2018, 10, 94-105.	3.8	86
57	Age-related macular degeneration associated polymorphism rs10490924 in ARMS2 results in deficiency of a complement activator. Journal of Neuroinflammation, 2017, 14, 4.	7.2	80
58	Regulatory metabolites of vitamin E and their putative relevance for atherogenesis. Redox Biology, 2014, 2, 495-503.	9.0	75
59	Omega-3 fatty acids and mortality in patients referred for coronary angiography. The Ludwigshafen Risk and Cardiovascular Health Study. Atherosclerosis, 2016, 252, 175-181.	0.8	75
60	Trans-fatty acids and mortality in patients referred for coronary angiography: the Ludwigshafen Risk and Cardiovascular Health Study. European Heart Journal, 2016, 37, 1072-1078.	2.2	73
61	Expression of the ATP-Binding Cassette Transporter Gene ABCG1 (ABC8) in Tangier Disease. Biochemical and Biophysical Research Communications, 2001, 283, 821-830.	2.1	71
62	Evidence-Based Guideline of the German Nutrition Society: Fat Intake and Prevention of Selected Nutrition-Related Diseases. Annals of Nutrition and Metabolism, 2015, 67, 141-204.	1.9	71
63	Genomic Sequence and Structure of the Human ABCG1 (ABC8) Gene. Biochemical and Biophysical Research Communications, 2001, 280, 121-131.	2.1	65
64	Docosahexaenoic acid in the treatment of rheumatoid arthritis: AÂdouble-blind, placebo-controlled, randomized cross-over study with microalgae vs. sunflower oil. Clinical Nutrition, 2018, 37, 494-504.	5.0	64
65	Trimethylamine-N-oxide and Heart Failure With Reduced Versus Preserved Ejection Fraction. Journal of the American College of Cardiology, 2017, 70, 3202-3204.	2.8	62
66	Factor H Binds to Extracellular DNA Traps Released from Human Blood Monocytes in Response to Candida albicans. Frontiers in Immunology, 2016, 7, 671.	4.8	62
67	Complexity of fatty acid distribution inside human macrophages on single cell level using Raman micro-spectroscopy. Analytical and Bioanalytical Chemistry, 2014, 406, 7037-7046.	3.7	61
68	Individual omega-9 monounsaturated fatty acids and mortalityâ€"The Ludwigshafen Risk and Cardiovascular Health Study. Journal of Clinical Lipidology, 2017, 11, 126-135.e5.	1.5	61
69	Efficient non-viral transfection of THP-1 cells. Journal of Immunological Methods, 2009, 344, 109-115.	1.4	59
70	ADP-ribosylation factor (ARF)-like 7 (ARL7) is induced by cholesterol loading and participates in apolipoprotein AI-dependent cholesterol export. FEBS Letters, 2004, 566, 241-246.	2.8	57
71	Microfluidically supported biochip design for culture of endothelial cell layers with improved perfusion conditions. Biofabrication, 2015, 7, 015013.	7.1	56
72	Long-chain metabolites of Î±-tocopherol occur in human serum and inhibit macrophage foam cell formation in vitro. Free Radical Biology and Medicine, 2014, 68, 43-51.	2.9	54

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73	Î±â€Tocopherol longâ€chain metabolite Î±â€13â€™â€COOH affects the inflammatory response of lipopolysaccharideâ€activated murine RAW264.7 macrophages. Molecular Nutrition and Food Research, 2015, 59, 1524-1534.	3.3	53
74	Natural 6-hydroxy-chromanols and -chromenols: structural diversity, biosynthetic pathways and health implications. RSC Advances, 2018, 8, 4803-4841.	3.6	53
75	Global mortality from dementia: Application of a new method and results from the Global Burden of Disease Study 2019. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2021, 7, e12200.	3.7	53
76	Optimized incubation regime for nitric oxide measurements in murine macrophages using the Griess assay. Journal of Immunological Methods, 2017, 449, 68-70.	1.4	51
77	Process control and scale-up of modified bacterial cellulose production for tailor-made anti-inflammatory drug delivery systems. Carbohydrate Polymers, 2020, 236, 116062.	10.2	49
78	Long-Chain Metabolites of Vitamin E: Metabolic Activation as a General Concept for Lipid-Soluble Vitamins?. Antioxidants, 2018, 7, 10.	5.1	47
79	Mapping local patterns of childhood overweight and wasting in low- and middle-income countries between 2000 and 2017. Nature Medicine, 2020, 26, 750-759.	30.7	47
80	The Pathogenesis of Atherosclerosis. Handbook of Experimental Pharmacology, 2005, , 3-70.	1.8	46
81	TIP47, a Lipid Cargo Protein Involved in Macrophage Triglyceride Metabolism. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 767-773.	2.4	46
82	Cholesterol absorption inhibitor Ezetimibe blocks uptake of oxidized LDL in human macrophages. Biochemical and Biophysical Research Communications, 2004, 320, 1337-1341.	2.1	41
83	Cloning, genomic organization, and tissue-specific expression of the RASL11B gene. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2007, 1769, 514-524.	2.4	38
84	Analytical strategies to assess the functional metabolome of vitamin E. Journal of Pharmaceutical and Biomedical Analysis, 2016, 124, 399-412.	2.8	38
85	Realâ€time Raman and SRS imaging of living human macrophages reveals cellâ€toâ€cell heterogeneity and dynamics of lipid uptake. Journal of Biophotonics, 2017, 10, 1217-1226.	2.3	38
86	Determination of tocopherols and their metabolites by liquid-chromatography coupled with tandem mass spectrometry in human plasma and serum. Talanta, 2017, 170, 552-561.	5.5	38
87	Human serum determination and in vitro anti-inflammatory activity of the vitamin E metabolite Î±-(13'-hydroxy)-6-hydroxychroman. Free Radical Biology and Medicine, 2015, 89, 952-962.	2.9	37
88	Phosducin influences sympathetic activity and prevents stress-induced hypertension in humans and mice. Journal of Clinical Investigation, 2009, 119, 3597-3612.	8.2	37
89	Spatial Integration of TIP47 and Adipophilin in Macrophage Lipid Bodies. Journal of Biological Chemistry, 2005, 280, 5789-5794.	3.4	36
90	Relationships between Cargo, Cell Penetrating Peptides and Cell Type for Uptake of Non-Covalent Complexes into Live Cells. Pharmaceuticals, 2013, 6, 184-203.	3.8	36

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91	Pharmacological regulation of cholesterol efflux in human monocyte-derived macrophages in the absence of exogenous cholesterol acceptors. Atherosclerosis, 2005, 179, 229-236.	0.8	35
92	In vitro fermentation of nuts results in the formation of butyrate and c9,t11 conjugated linoleic acid as chemopreventive metabolites. European Journal of Nutrition, 2016, 55, 2063-2073.	3.9	34
93	High phosphorus intake and gut-related parameters â€“ results of a randomized placebo-controlled human intervention study. Nutrition Journal, 2018, 17, 23.	3.4	31
94	Vitamin E: Regulatory role of metabolites. IUBMB Life, 2019, 71, 479-486.	3.4	31
95	Cardiovascular and Metabolic Protection by Vitamin E: A Matter of Treatment Strategy?. Antioxidants, 2020, 9, 935.	5.1	31
96	Trans-fatty acids and cardiovascular risk: does origin matter?. Expert Review of Cardiovascular Therapy, 2016, 14, 1001-1005.	1.5	30
97	Saturated fatty acids and mortality in patients referred for coronary angiographyâ€”The Ludwigshafen Risk and Cardiovascular Health study. Journal of Clinical Lipidology, 2018, 12, 455-463.e3.	1.5	30
98	Meta-analyses identify DNA methylation associated with kidney function and damage. Nature Communications, 2021, 12, 7174.	12.8	30
99	Highly Efficient Transfection of Human THP-1 Macrophages by Nucleofection. Journal of Visualized Experiments, 2014, , e51960.	0.3	29
100	Omega-6 fatty acids: Opposing associations with riskâ€”The Ludwigshafen Risk and Cardiovascular Health Study. Journal of Clinical Lipidology, 2017, 11, 1082-1090.e14.	1.5	29
101	Cloning, cellular localization, genomic organization, and tissue-specific expression of the TGFÎ²1-inducible SMAP-5 gene. Gene, 2005, 351, 119-130.	2.2	28
102	TGFâ€Î²₁ generates a specific multicomponent extracellular matrix in human coronary SMC. European Journal of Clinical Investigation, 2006, 36, 473-482.	3.4	27
103	Semisynthetic and Natural Garcinoic Acid Isoforms as New mPGES-1 Inhibitors. Planta Medica, 2016, 82, 1110-1116.	1.3	27
104	The vitamin E derivative garcinoic acid from Garcinia kola nut seeds attenuates the inflammatory response. Redox Biology, 2019, 24, 101166.	9.0	27
105	Inflammatory Diseases and Vitamin Eâ€”What Do We Know and Where Do We Go?. Molecular Nutrition and Food Research, 2021, 65, e2000097.	3.3	27
106	Transfecting Macrophages. Methods in Molecular Biology, 2018, 1784, 187-195.	0.9	26
107	Impact of different roasting conditions on sensory properties and health-related compounds of oat products. Food Chemistry, 2020, 307, 125548.	8.2	26
108	An App to Improve Eating Habits of Adolescents and Young Adults (Challenge to Go): Systematic Development of a Theory-Based and Target Groupâ€“Adapted Mobile App Intervention. JMIR MHealth and UHealth, 2019, 7, e11575.	3.7	26

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109	Functional Biomarkers for the Selenium Status in a Human Nutritional Intervention Study. Nutrients, 2020, 12, 676.	4.1	25
110	Diabetes-Related Burden and Distress is Low in People with Diabetes at Outpatient Tertiary Care Level. Experimental and Clinical Endocrinology and Diabetes, 2016, 124, 307-312.	1.2	24
111	Raman imaging of macrophages incubated with triglyceride-enriched oxLDL visualizes translocation of lipids between endocytic vesicles and lipid droplets. Journal of Lipid Research, 2017, 58, 876-883.	4.2	24
112	Correspondence of function and phylogeny of ABC proteins based on an automated analysis of 20 model protein data sets. Proteins: Structure, Function and Bioinformatics, 2005, 61, 888-899.	2.6	23
113	Laminin isoforms in atherosclerotic arteries from mice and man. Histology and Histopathology, 2011, 26, 711-24.	0.7	22
114	ABCG subfamily of human ATP-binding cassette proteins. Pure and Applied Chemistry, 2002, 74, 2057-2081.	1.9	21
115	Saturated fatty acids are not off the hook. Nutrition, Metabolism and Cardiovascular Diseases, 2015, 25, 1071-1078.	2.6	21
116	Structureâ€“Function Relationship Studies In Vitro Reveal Distinct and Specific Effects of Longâ€Chain Metabolites of Vitamin E. Molecular Nutrition and Food Research, 2017, 61, 1700562.	3.3	21
117	Impact of different roasting conditions on chemical composition, sensory quality and physicochemical properties of waxy-barley products. Food and Function, 2019, 10, 5436-5445.	4.6	21
118	Encapsulation of the dual FLAP/mPEGS-1 inhibitor BRP-187 into acetalated dextran and PLGA nanoparticles improves its cellular bioactivity. Journal of Nanobiotechnology, 2020, 18, 73.	9.1	21
119	Cell Surface Localization of ABCG1 Does Not Require LXR Activation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, e143-4; author reply e145.	2.4	20
120	Olive Oil Extracts and Oleic Acid Attenuate the LPS-Induced Inflammatory Response in Murine RAW264.7 Macrophages but Induce the Release of Prostaglandin E2. Nutrients, 2021, 13, 4437.	4.1	20
121	The Peroxisome Proliferatorâ€“Activated Receptor (PPAR)-Î³Antagonist 2-Chloro-5-Nitro-N-Phenylbenzamide (GW9662) Triggers Perilipin 2 Expression via PPARÎ´and Induces Lipogenesis and Triglyceride Accumulation in Human THP-1 Macrophages. Molecular Pharmacology, 2020, 97, 212-225.	2.3	19
122	Endogenous vitamin E metabolites mediate allosteric PPARÎ³ activation with unprecedented co-regulatory interactions. Cell Chemical Biology, 2021, 28, 1489-1500.e8.	5.2	19
123	Anti-inflammatory celastrol promotes a switch from leukotriene biosynthesis to formation of specialized pro-resolving lipid mediators. Pharmacological Research, 2021, 167, 105556.	7.1	19
124	Variability in Macro- and Micronutrients of 15 Commercially Available Microalgae Powders. Marine Drugs, 2021, 19, 310.	4.6	18
125	Transduction of Proteins into Leishmania Tarentolae by Formation of Nonâ€Covalent Complexes With Cellâ€Penetrating Peptides. Journal of Cellular Biochemistry, 2014, 115, 243-252.	2.6	17
126	Nutrient Composition of Different Hazelnut Cultivars Grown in Germany. Foods, 2020, 9, 1596.	4.3	17

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127	Study on chemopreventive effects of raw and roasted Î²-glucan-rich waxy winter barley using an in vitro human colon digestion model. Food and Function, 2020, 11, 2626-2638.	4.6	17
128	Apolipoprotein E in Macrophages and Hepatocytes Is Degraded via the Proteasomal Pathway. Biochemical and Biophysical Research Communications, 2001, 282, 608-614.	2.1	16
129	IsoSVM--distinguishing isoforms and paralogs on the protein level. BMC Bioinformatics, 2006, 7, 110.	2.6	16
130	In vitroâ€“fermented raw and roasted walnuts induce expression of CAT and GSTT2 genes, growth inhibition, and apoptosis in LT97 colon adenoma cells. Nutrition Research, 2017, 47, 72-80.	2.9	16
131	Improved Protocol for Efficient Nonviral Transfection of Premature THP-1 Macrophages. Cold Spring Harbor Protocols, 2011, 2011, pdb.prot5612-pdb.prot5612.	0.3	15
132	Causes of upregulation of glycolysis in lymphocytes upon stimulation. A comparison with other cell types. Biochimie, 2015, 118, 185-194.	2.6	15
133	Chemopreventive potential of in vitro fermented nuts in LT97 colon adenoma and primary epithelial colon cells. Molecular Carcinogenesis, 2017, 56, 1461-1471.	2.7	15
134	Long-chain metabolites of vitamin E: Interference with lipotoxicity via lipid droplet associated protein PLIN2. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2018, 1863, 919-927.	2.4	15
135	Large expert-curated database for benchmarking document similarity detection in biomedical literature search. Database: the Journal of Biological Databases and Curation, 2019, 2019, .	3.0	15
136	The role of biofactors in the prevention and treatment of ageâ€related diseases. BioFactors, 2021, 47, 522-550.	5.4	15
137	VisCoSe: visualization and comparison of consensus sequences. Bioinformatics, 2004, 20, 433-435.	4.1	14
138	Laser Microdissection-based Analysis of mRNA Expression in Human Coronary Arteries with Intimal Thickening. Journal of Histochemistry and Cytochemistry, 2004, 52, 1511-1518.	2.5	14
139	Chemopreventive Potential of Raw and Roasted Pistachios Regarding Colon Carcinogenesis. Nutrients, 2017, 9, 1368.	4.1	13
140	Diversity of Chromanol and Chromenol Structures and Functions: An Emerging Class of Anti-Inflammatory and Anti-Carcinogenic Agents. Frontiers in Pharmacology, 2020, 11, 362.	3.5	13
141	Macrophage function and stability of the atherosclerotic plaque: progress report of a European project. Nutrition, Metabolism and Cardiovascular Diseases, 2002, 12, 3-11.	2.6	13
142	Modified Bacterial Cellulose Dressings to Treat Inflammatory Wounds. Nanomaterials, 2020, 10, 2508.	4.1	12
143	Controlled Release of the Î±-Tocopherol-Derived Metabolite Î±-13â€²-Carboxychromanol from Bacterial Nanocellulose Wound Cover Improves Wound Healing. Nanomaterials, 2021, 11, 1939.	4.1	12
144	Expression of perilipin isoforms in cell types involved in atherogenesis. Atherosclerosis, 2007, 190, 14-15.	0.8	11

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145	Exogenous nitric oxide regulates activity and synthesis of vascular endothelial nitric oxide synthase. European Journal of Clinical Investigation, 2008, 38, 476-485.	3.4	11
146	GFPâ€tagged proteins visualized by freezeâ€fracture immunoâ€electron microscopy: a new tool in cellular and molecular medicine. Journal of Cellular and Molecular Medicine, 2009, 13, 1381-1390.	3.6	11
147	A procedure for efficient non-viral siRNA transfection of primary human monocytes using nucleofection. Journal of Immunological Methods, 2015, 422, 118-124.	1.4	11
148	Differential capability of metabolic substrates to promote hepatocellular lipid accumulation. European Journal of Nutrition, 2019, 58, 3023-3034.	3.9	11
149	Chemopreventive effects of raw and roasted oat flakes after inÂvitro fermentation with human faecal microbiota. International Journal of Food Sciences and Nutrition, 2021, 72, 57-69.	2.8	11
150	The Î±-tocopherol-derived long-chain metabolite Î±-13â€²-COOH mediates endotoxin tolerance and modulates the inflammatory response via MAPK and NFÎºB pathways. Free Radical Biology and Medicine, 2022, 178, 83-96.	2.9	11
151	Factor H-related protein 1 (FHR-1) is associated with atherosclerotic cardiovascular disease. Scientific Reports, 2021, 11, 22511.	3.3	11
152	CYP4F2 repression and a modified alpha-tocopherol (vitamin E) metabolism are two independent consequences of ethanol toxicity in human hepatocytes. Toxicology in Vitro, 2017, 40, 124-133.	2.4	10
153	Thermo-responsive cell culture carrier: Effects on macrophage functionality and detachment efficiency. Journal of Tissue Engineering, 2017, 8, 204173141772642.	5.5	10
154	Reply to JJ Meerpohl et al.. Advances in Nutrition, 2017, 8, 790-791.	6.4	10
155	Chemopreventive Potential of In Vitro Fermented Raw and Roasted Hazelnuts in LT97 Colon Adenoma Cells. Anticancer Research, 2018, 38, 83-93.	1.1	10
156	Evidence for an alternative genomic structure, mRNA and protein sequence of human ABCA13. Gene, 2013, 515, 298-307.	2.2	9
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