

# Gerd Schmitz

## List of Publications by Year in Descending Order

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

478  
papers

27,127  
citations

86  
h-index

143  
g-index

493  
ext. papers

29,642  
ext. citations

4.9  
avg, IF

6.85  
L-index

#	Paper	IF	Citations
478	Letter to the editor regarding "Dietary bovine milk miRNAs transported in extracellular vesicles are partially stable during GI digestion, are bioavailable and reach target tissues but need a minimum dose to impact on gene expression".. <i>European Journal of Nutrition</i> , <b>2022</b> , 61, 1695	5.2	1
477	A comparative study on the lipidome of normal knee synovial fluid from humans and horses. <i>PLoS ONE</i> , <b>2021</b> , 16, e0250146	3.7	0
476	Pasteurized non-fermented cow milk but not fermented milk is a promoter of mTORC1-driven aging and increased mortality. <i>Ageing Research Reviews</i> , <b>2021</b> , 67, 101270	12	5
475	Exosome-Derived MicroRNAs of Human Milk and Their Effects on Infant Health and Development. <i>Biomolecules</i> , <b>2021</b> , 11,	5.9	12
474	The dysregulation of metabolic pathways and induction of the pentose phosphate pathway in renal ischaemia-reperfusion injury. <i>Journal of Pathology</i> , <b>2021</b> , 253, 404-414	9.4	5
473	PCSK9 Expression in Epicardial Adipose Tissue: Molecular Association with Local Tissue Inflammation. <i>Mediators of Inflammation</i> , <b>2020</b> , 2020, 1348913	4.3	7
472	SNP dependent modulation of circulating miRNAs from the miR25/93/106 cluster in patients undergoing weight loss. <i>Gene</i> , <b>2020</b> , 753, 144787	3.8	0
471	MicroRNA-21-Enriched Exosomes as Epigenetic Regulators in Melanomagenesis and Melanoma Progression: The Impact of Western Lifestyle Factors. <i>Cancers</i> , <b>2020</b> , 12,	6.6	14
470	The Effect of Dexamethasone, Adrenergic and Cholinergic Receptor Agonists on Phospholipid Metabolism in Human Osteoarthritic Synoviocytes. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	2
469	Compositional Changes Among Triglycerides and Phospholipids During FATP4 Sensitization with Palmitate Lead to ER Stress in Cultured Cells. <i>European Journal of Lipid Science and Technology</i> , <b>2019</b> , 121, 1800394	3	
468	Nonglucuronidated Ezetimibe Disrupts CD13- and CD64-Coassembly in Membrane Microdomains and Decreases Cellular Cholesterol Content in Human Monocytes/Macrophages. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , <b>2019</b> , 95, 869-884	4.6	2
467	Epicardial adipose tissue GLP-1 receptor is associated with genes involved in fatty acid oxidation and white-to-brown fat differentiation: A target to modulate cardiovascular risk?. <i>International Journal of Cardiology</i> , <b>2019</b> , 292, 218-224	3.2	26
466	GLP-1 Receptor Is Associated with Genes Involved in Fatty Acids Oxidation and White-to-Brown Fat Differentiation in Epicardial Adipose Tissue (EAT). <i>FASEB Journal</i> , <b>2019</b> , 33, 662.21	0.9	1
465	Exosomes of pasteurized milk: potential pathogens of Western diseases. <i>Journal of Translational Medicine</i> , <b>2019</b> , 17, 3	8.5	50
464	Deletion of NLRX1 increases fatty acid metabolism and prevents diet-induced hepatic steatosis and metabolic syndrome. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2018</b> , 1864, 1883-1895	6.9	14
463	Effects of supplemented isoenergetic diets varying in cereal fiber and protein content on the bile acid metabolic signature and relation to insulin resistance. <i>Nutrition and Diabetes</i> , <b>2018</b> , 8, 11	4.7	13
462	Effects of acute exercise on monocyte subpopulations in metabolic syndrome patients. <i>Cytometry Part B - Clinical Cytometry</i> , <b>2018</b> , 94, 596-605	3.4	5

461	ApoE is a major determinant of hepatic bile acid homeostasis in mice. <i>Journal of Nutritional Biochemistry</i> , <b>2018</b> , 52, 82-91	6.3	3
460	Excessive dietary lipid intake provokes an acquired form of lysosomal lipid storage disease in the kidney. <i>Journal of Pathology</i> , <b>2018</b> , 246, 470-484	9.4	16
459	Case report of dysregulation of primary bile acid synthesis in a family with X-linked adrenoleukodystrophy. <i>Medicine (United States)</i> , <b>2018</b> , 97, e13353	1.8	3
458	Phosphatidylcholine and phosphatidylethanolamine plasmalogens in lipid loaded human macrophages. <i>PLoS ONE</i> , <b>2018</b> , 13, e0205706	3.7	18
457	Quantitative lipidomic analysis of mouse lung during postnatal development by electrospray ionization tandem mass spectrometry. <i>PLoS ONE</i> , <b>2018</b> , 13, e0203464	3.7	15
456	Plasma fatty acid profile as biomarker of coronary artery disease: a pilot study using fourth generation artificial neural networks. <i>Journal of Biological Regulators and Homeostatic Agents</i> , <b>2018</b> , 32, 1007-1013	0.7	
455	Mildly oxidized HDL decrease agonist-induced platelet aggregation and release of pro-coagulant platelet extracellular vesicles. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2017</b> , 169, 176-188	5.1	8
454	Lipoprotein(a) and its role in inflammation, atherosclerosis and malignancies. <i>Clinical Research in Cardiology Supplements</i> , <b>2017</b> , 12, 31-37	3.1	45
453	Analysis of platelet-derived extracellular vesicles in plateletpheresis concentrates: a multicenter study. <i>Transfusion</i> , <b>2017</b> , 57, 1459-1469	2.9	11
452	Metabolic injury-induced NLRP3 inflammasome activation dampens phospholipid degradation. <i>Scientific Reports</i> , <b>2017</b> , 7, 2861	4.9	19
451	Transcriptomic profiling of platelet senescence and platelet extracellular vesicles. <i>Transfusion</i> , <b>2017</b> , 57, 144-156	2.9	27
450	Growth factors regulate phospholipid biosynthesis in human fibroblast-like synoviocytes obtained from osteoarthritic knees. <i>Scientific Reports</i> , <b>2017</b> , 7, 13469	4.9	6
449	MicroRNAs: Milk® epigenetic regulators. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , <b>2017</b> , 31, 427-442	6.5	58
448	Lipidomic and metabolic changes in the P4-type ATPase ATP10D deficient C57BL/6J wild type mice upon rescue of ATP10D function. <i>PLoS ONE</i> , <b>2017</b> , 12, e0178368	3.7	5
447	Zirkulierende extrazelluläre Vesikel - die Biomarker der Zukunft?!. <i>BioSpektrum</i> , <b>2017</b> , 23, 777-778	0.1	
446	Regions of common inter-individual DNA methylation differences in human monocytes: genetic basis and potential function. <i>Epigenetics and Chromatin</i> , <b>2017</b> , 10, 37	5.8	11
445	Interleukin-1β affects the phospholipid biosynthesis of fibroblast-like synoviocytes from human osteoarthritic knee joints. <i>Osteoarthritis and Cartilage</i> , <b>2017</b> , 25, 1890-1899	6.2	19
444	Milk® Role as an Epigenetic Regulator in Health and Disease. <i>Diseases (Basel, Switzerland)</i> , <b>2017</b> , 5,	4.4	57

443	Epigenetic dynamics of monocyte-to-macrophage differentiation. <i>Epigenetics and Chromatin</i> , <b>2016</b> , 9, 33	5.8	54
442	Milk miRNAs: simple nutrients or systemic functional regulators?. <i>Nutrition and Metabolism</i> , <b>2016</b> , 13, 42	4.6	55
441	iPLA2 $\beta$ deficiency attenuates obesity and hepatic steatosis in ob/ob mice through hepatic fatty-acyl phospholipid remodeling. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2016</b> , 1861, 449-61	5	22
440	Quantification of oxysterols in human plasma and red blood cells by liquid chromatography high-resolution tandem mass spectrometry. <i>Journal of Chromatography A</i> , <b>2016</b> , 1439, 82-88	4.5	35
439	Relation Between Obesity, Metabolic Syndrome, Successful Long-Term Weight Reduction, and Right Ventricular Function. <i>International Heart Journal</i> , <b>2016</b> , 57, 441-8	1.8	13
438	Expression of the Receptor for Advanced Glycation End Products in Epicardial Fat: Link with Tissue Thickness and Local Insulin Resistance in Coronary Artery Disease. <i>Journal of Diabetes Research</i> , <b>2016</b> , 2016, 2327341	3.9	18
437	oxLDL and eLDL Induced Membrane Microdomains in Human Macrophages. <i>PLoS ONE</i> , <b>2016</b> , 11, e0166798	3.9	7
436	Epicardial adipocyte hypertrophy: Association with M1-polarization and toll-like receptor pathways in coronary artery disease patients. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2016</b> , 26, 246-53	4.5	39
435	Comparative lipidomic analysis of synovial fluid in human and canine osteoarthritis. <i>Osteoarthritis and Cartilage</i> , <b>2016</b> , 24, 1470-8	6.2	14
434	Milk: a postnatal imprinting system stabilizing FoxP3 expression and regulatory T cell differentiation. <i>Clinical and Translational Allergy</i> , <b>2016</b> , 6, 18	5.2	46
433	Milk: An epigenetic inducer of FoxP3 expression. <i>Journal of Allergy and Clinical Immunology</i> , <b>2016</b> , 138, 937-938	11.5	12
432	Lipoprotein(a) hyperlipidemia as cardiovascular risk factor: pathophysiological aspects. <i>Clinical Research in Cardiology Supplements</i> , <b>2015</b> , 10, 21-5	3.1	34
431	Milk consumption during pregnancy increases birth weight, a risk factor for the development of diseases of civilization. <i>Journal of Translational Medicine</i> , <b>2015</b> , 13, 13	8.5	26
430	Influence of dietary fatty acids on differentiation of human stromal vascular fraction preadipocytes. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2015</b> , 1851, 1146-55	5	8
429	ABCA3 protects alveolar epithelial cells against free cholesterol induced cell death. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2015</b> , 1851, 987-95	5	14
428	Alterations of plasma glycerophospholipid and sphingolipid species in male alcohol-dependent patients. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2015</b> , 1851, 1501-10	5	17
427	Mitotane Inhibits Sterol-O-Acyl Transferase 1 Triggering Lipid-Mediated Endoplasmic Reticulum Stress and Apoptosis in Adrenocortical Carcinoma Cells. <i>Endocrinology</i> , <b>2015</b> , 156, 3895-908	4.8	115
426	Lipidomic and proteomic characterization of platelet extracellular vesicle subfractions from senescent platelets. <i>Transfusion</i> , <b>2015</b> , 55, 507-21	2.9	78

425	Platelet-derived extracellular vesicles in plateletpheresis concentrates as a quality control approach. <i>Transfusion</i> , <b>2015</b> , 55, 2184-96	2.9	17
424	Ursodeoxycholy Lysophosphatidylethanolamide modifies aberrant lipid profiles in NAFLD. <i>European Journal of Clinical Investigation</i> , <b>2015</b> , 45, 925-31	4.6	12
423	Surfactant lipidomics in healthy children and childhood interstitial lung disease. <i>PLoS ONE</i> , <b>2015</b> , 10, e0117985	3.7	32
422	Articular Joint Lubricants during Osteoarthritis and Rheumatoid Arthritis Display Altered Levels and Molecular Species. <i>PLoS ONE</i> , <b>2015</b> , 10, e0125192	3.7	89
421	Increased Levels of Sphingosylphosphorylcholine (SPC) in Plasma of Metabolic Syndrome Patients. <i>PLoS ONE</i> , <b>2015</b> , 10, e0140683	3.7	15
420	Successful weight reduction improves left ventricular diastolic function and physical performance in severe obesity. <i>International Heart Journal</i> , <b>2015</b> , 56, 196-202	1.8	30
419	Palmitate activation by fatty acid transport protein 4 as a model system for hepatocellular apoptosis and steatosis. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2015</b> , 1851, 549-65	5	21
418	Human native, enzymatically modified and oxidized low density lipoproteins show different lipidomic pattern. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2015</b> , 1851, 299-306	5	7
417	Epicardial adipose tissue inflammation is related to vitamin D deficiency in patients affected by coronary artery disease. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2015</b> , 25, 267-73	4.5	25
416	Determination of steroid hormones in human plasma by GC-triple quadrupole MS. <i>Steroids</i> , <b>2015</b> , 99, 151-4	2.8	29
415	Milk: an exosomal microRNA transmitter promoting thymic regulatory T cell maturation preventing the development of atopy?. <i>Journal of Translational Medicine</i> , <b>2014</b> , 12, 43	8.5	106
414	Potential of gas chromatography-atmospheric pressure chemical ionization-time-of-flight mass spectrometry for the determination of sterols in human plasma. <i>Biochemical and Biophysical Research Communications</i> , <b>2014</b> , 446, 751-5	3.4	10
413	Effect of high versus low doses of fat and vitamin A dietary supplementation on fatty acid composition of phospholipids in mice. <i>Genes and Nutrition</i> , <b>2014</b> , 9, 368	4.3	9
412	PPAR $\gamma$ -mediated and arachidonic acid-dependent signaling is involved in differentiation and lipid production of human sebocytes. <i>Journal of Investigative Dermatology</i> , <b>2014</b> , 134, 910-920	4.3	56
411	Thrombocyte adhesion and release of extracellular microvesicles correlate with surface morphology of adsorbent polymers for lipid apheresis. <i>Biomacromolecules</i> , <b>2014</b> , 15, 2648-55	6.9	16
410	A rat toxicogenomics study with the calcium sensitizer EMD82571 reveals a pleiotropic cause of teratogenicity. <i>Reproductive Toxicology</i> , <b>2014</b> , 47, 89-101	3.4	1
409	Increased reactive oxygen species production in epicardial adipose tissues from coronary artery disease patients is associated with brown-to-white adipocyte trans-differentiation. <i>International Journal of Cardiology</i> , <b>2014</b> , 174, 413-4	3.2	24
408	Lipidomic analysis of the liver from high-fat diet induced obese mice identifies changes in multiple lipid classes. <i>Experimental and Molecular Pathology</i> , <b>2014</b> , 97, 37-43	4.4	57

407	Adipogenic and insulin resistance- promoting effects of milk consumption. <i>Molecular Nutrition and Food Research</i> , <b>2014</b> , 58, 1166-7	5.9	1
406	Interleukin-15 and soluble interleukin-15 receptor $\beta$ in coronary artery disease patients: association with epicardial fat and indices of adipose tissue distribution. <i>PLoS ONE</i> , <b>2014</b> , 9, e90960	3.7	29
405	Monocyte to macrophage differentiation goes along with modulation of the plasmalogen pattern through transcriptional regulation. <i>PLoS ONE</i> , <b>2014</b> , 9, e94102	3.7	34
404	Alterations of plasma lysophosphatidylcholine species in obesity and weight loss. <i>PLoS ONE</i> , <b>2014</b> , 9, e111348	3.7	80
403	Adipocyte fatty acid-binding protein levels are associated with left ventricular diastolic dysfunction in morbidly obese subjects. <i>Nutrition and Diabetes</i> , <b>2014</b> , 4, e106	4.7	28
402	Lipidomic analysis of serum from high fat diet induced obese mice. <i>International Journal of Molecular Sciences</i> , <b>2014</b> , 15, 2991-3002	6.3	93
401	Neonatal respiratory insufficiency caused by an (homozygous) ABCA3-stop mutation: a systematic evaluation of therapeutic options. <i>Klinische Padiatrie</i> , <b>2014</b> , 226, 53-8	0.9	9
400	Altered surfactant homeostasis and alveolar epithelial cell stress in amiodarone-induced lung fibrosis. <i>Toxicological Sciences</i> , <b>2014</b> , 142, 285-97	4.4	33
399	High-density lipoprotein 3 and apolipoprotein A-I alleviate platelet storage lesion and release of platelet extracellular vesicles. <i>Transfusion</i> , <b>2014</b> , 54, 2301-14	2.9	7
398	Upregulation of hepatic bile acid synthesis via fibroblast growth factor 19 is defective in gallstone disease but functional in overweight individuals. <i>United European Gastroenterology Journal</i> , <b>2014</b> , 2, 216-23	5.3	10
397	Glycerophospholipid and sphingolipid species and mortality: the Ludwigshafen Risk and Cardiovascular Health (LURIC) study. <i>PLoS ONE</i> , <b>2014</b> , 9, e85724	3.7	91
396	Sphingolipids in human synovial fluid--a lipidomic study. <i>PLoS ONE</i> , <b>2014</b> , 9, e91769	3.7	58
395	Influence of fenofibrate treatment on triacylglycerides, diacylglycerides and fatty acids in fructose fed rats. <i>PLoS ONE</i> , <b>2014</b> , 9, e106849	3.7	15
394	Stored platelets alter glycerophospholipid and sphingolipid species, which are differentially transferred to newly released extracellular vesicles. <i>Transfusion</i> , <b>2013</b> , 53, 612-26	2.9	33
393	Milk is not just food but most likely a genetic transfection system activating mTORC1 signaling for postnatal growth. <i>Nutrition Journal</i> , <b>2013</b> , 12, 103	4.3	142
392	Lipidomic analysis of the liver identifies changes of major and minor lipid species in adiponectin deficient mice. <i>Experimental and Molecular Pathology</i> , <b>2013</b> , 94, 412-7	4.4	5
391	LDL but not HDL increases adiponectin release of primary human adipocytes. <i>Experimental and Molecular Pathology</i> , <b>2013</b> , 95, 325-9	4.4	7
390	A lipidomic study of phospholipid classes and species in human synovial fluid. <i>Arthritis and Rheumatism</i> , <b>2013</b> , 65, 2323-33		108



389	Metabolic effects of milk protein intake strongly depend on pre-existing metabolic and exercise status. <i>Nutrition and Metabolism</i> , <b>2013</b> , 10, 60	4.6	9
388	Plasma phosphatidylcholine and sphingomyelin concentrations are associated with depression and anxiety symptoms in a Dutch family-based lipidomics study. <i>Journal of Psychiatric Research</i> , <b>2013</b> , 47, 357-62	5.2	84
387	Analysis of non-esterified fatty acids in human samples by solid-phase-extraction and gas chromatography/mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2013</b> , 938, 22-6	3.2	22
386	The role of membrane fatty acid remodeling in the antitumor mechanism of action of 2-hydroxyoleic acid. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2013</b> , 1828, 1405-13	3.8	27
385	Application of gas chromatography-triple quadrupole mass spectrometry to the determination of sterol components in biological samples in consideration of the ionization mode. <i>Biochimie</i> , <b>2013</b> , 95, 489-95	4.6	18
384	Modification of the lipidome in RAW264.7 macrophage subjected to stable silencing of oxysterol-binding proteins. <i>Biochimie</i> , <b>2013</b> , 95, 538-47	4.6	14
383	Abca3 haploinsufficiency is a risk factor for lung injury induced by hyperoxia or mechanical ventilation in a murine model. <i>Pediatric Research</i> , <b>2013</b> , 74, 384-92	3.2	11
382	Sustained activation of sphingomyelin synthase by 2-hydroxyoleic acid induces sphingolipidosis in tumor cells. <i>Journal of Lipid Research</i> , <b>2013</b> , 54, 1457-65	6.3	11
381	Novel mutation in Hermansky-Pudlak syndrome type 2 with mild immunological phenotype. <i>Platelets</i> , <b>2013</b> , 24, 538-43	3.6	16
380	Shorthand notation for lipid structures derived from mass spectrometry. <i>Journal of Lipid Research</i> , <b>2013</b> , 54, 1523-1530	6.3	531
379	Ursodeoxycholyll lysophosphatidylethanolamide inhibits lipoapoptosis by shifting fatty acid pools toward monosaturated and polyunsaturated fatty acids in mouse hepatocytes. <i>Molecular Pharmacology</i> , <b>2013</b> , 84, 696-709	4.3	15
378	Are therapeutic effects of antiacne agents mediated by activation of FoxO1 and inhibition of mTORC1?. <i>Experimental Dermatology</i> , <b>2013</b> , 22, 502-4	4	40
377	Effects of sphingoid bases on the sphingolipidome in early keratinocyte differentiation. <i>Experimental Dermatology</i> , <b>2013</b> , 22, 677-9	4	19
376	Flotillin-2 expression in the human gut: from a cell model to human tissue in health and inflammatory bowel diseases. <i>International Journal of Medical Sciences</i> , <b>2013</b> , 10, 1259-70	3.7	4
375	NMR spectroscopy of macrophages loaded with native, oxidized or enzymatically degraded lipoproteins. <i>PLoS ONE</i> , <b>2013</b> , 8, e56360	3.7	8
374	A rapid GC-MS method for quantification of positional and geometric isomers of fatty acid methyl esters. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2012</b> , 897, 98-104	3.2	114
373	Analysis of carbohydrate deficient transferrin serum levels during abstinence. <i>Experimental and Molecular Pathology</i> , <b>2012</b> , 92, 50-3	4.4	8
372	Gas chromatography-tandem mass spectrometry method for the simultaneous determination of oxysterols, plant sterols, and cholesterol precursors. <i>Clinical Chemistry</i> , <b>2012</b> , 58, 1557-64	5.5	51

371	High-sensitive Troponin I in acute cardiac conditions: implications of baseline and sequential measurements for diagnosis of myocardial infarction. <i>Atherosclerosis</i> , <b>2012</b> , 222, 116-22	3.1	18
370	Keratinocyte ATP binding cassette transporter expression is regulated by ultraviolet light. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2012</b> , 116, 79-88	6.7	8
369	Myriocin, an inhibitor of serine palmitoyl transferase, impairs the uptake of transferrin and low-density lipoprotein in mammalian cells. <i>Archives of Biochemistry and Biophysics</i> , <b>2012</b> , 526, 60-8	4.1	5
368	The surfactant protein C mutation A116D alters cellular processing, stress tolerance, surfactant lipid composition, and immune cell activation. <i>BMC Pulmonary Medicine</i> , <b>2012</b> , 12, 15	3.5	19
367	Mannose-binding lectin in obesity with different degrees of metabolic syndrome abnormalities: association with atherogenic and metabolic traits. <i>Journal of Atherosclerosis and Thrombosis</i> , <b>2012</b> , 19, 539-51	4	6
366	Nutritional lipid supply can control the heat shock response of B16 melanoma cells in culture. <i>Molecular Membrane Biology</i> , <b>2012</b> , 29, 274-89	3.4	13
365	Genetic adaptation of fatty-acid metabolism: a human-specific haplotype increasing the biosynthesis of long-chain omega-3 and omega-6 fatty acids. <i>American Journal of Human Genetics</i> , <b>2012</b> , 90, 809-20	11	148
364	Genome-wide association study identifies novel loci associated with circulating phospho- and sphingolipid concentrations. <i>PLoS Genetics</i> , <b>2012</b> , 8, e1002490	6	145
363	Growth-differentiation factor-15 improves reclassification for the diagnosis of heart failure with normal ejection fraction in morbid obesity. <i>European Journal of Heart Failure</i> , <b>2012</b> , 14, 1240-8	12.3	26
362	Choline-releasing glycerophosphodiesterase EDI3 drives tumor cell migration and metastasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 8155-60	11.5	69
361	Reply to Moestue et al.: Untangling the contribution of choline metabolism to the metastatic process: Fig. 1.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, E2507-E2507	11.5	1
360	IL-18 level in patients undergoing coronary artery bypass grafting surgery or valve replacement: which link with epicardial fat depot?. <i>International Journal of Immunopathology and Pharmacology</i> , <b>2012</b> , 25, 1011-20	3	13
359	Effects of lycopene on the initial state of atherosclerosis in New Zealand White (NZW) rabbits. <i>PLoS ONE</i> , <b>2012</b> , 7, e30808	3.7	27
358	Lipid and Gene Interactions during Differentiation of Human Subcutaneous Adipose Tissue Stromal Vascular Cells. <i>Journal of Cell Science &amp; Therapy</i> , <b>2012</b> , 03,		2
357	Genetic and Metabolic Determinants of Fatty Acid Chain Length and Desaturation, Their Incorporation into Lipid Classes and Their Effects on Risk of Vascular and Metabolic Disease <b>2012</b> , 191-231		1
356	Knock-out of Eglucosidase 2 has no influence on dextran sulfate sodium-induced colitis. <i>Digestion</i> , <b>2011</b> , 84, 156-67	3.6	7
355	Increased plasma plant sterol concentrations and a heterozygous amino acid exchange in ATP binding cassette transporter ABCG5: a case report. <i>European Journal of Medical Genetics</i> , <b>2011</b> , 54, e458-60	2.6	8
354	Sphingolipid profiling of human plasma and FPLC-separated lipoprotein fractions by hydrophilic interaction chromatography tandem mass spectrometry. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2011</b> , 1811, 68-75	5	65



353	Metabolic and growth inhibitory effects of conjugated fatty acids in the cell line HT-29 with special regard to the conversion of t11,t13-CLA. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2011</b> , 1811, 1070-80	5	34
352	Glycomics meets lipidomics--associations of N-glycans with classical lipids, glycerophospholipids, and sphingolipids in three European populations. <i>Molecular BioSystems</i> , <b>2011</b> , 7, 1852-62		16
351	Protein kinase C- $\beta$ isoform mediates lysosome labilization in DNA damage-induced apoptosis. <i>International Journal of Oncology</i> , <b>2011</b> , 38, 313-24	4.4	4
350	Soluble CD163 is not increased in visceral fat and steatotic liver and is even suppressed by free fatty acids in vitro. <i>Experimental and Molecular Pathology</i> , <b>2011</b> , 91, 733-9	4.4	15
349	Absence of an orphan mitochondrial protein, c19orf12, causes a distinct clinical subtype of neurodegeneration with brain iron accumulation. <i>American Journal of Human Genetics</i> , <b>2011</b> , 89, 543-50	11	182
348	Chronic lymphocytic leukemia cells induce anti-apoptotic effects of bone marrow stroma. <i>Annals of Hematology</i> , <b>2011</b> , 90, 1381-90	3	21
347	Metabolism, function and mass spectrometric analysis of bis(monoacylglycero)phosphate and cardiolipin. <i>Chemistry and Physics of Lipids</i> , <b>2011</b> , 164, 556-62	3.7	23
346	Plasmalogens the neglected regulatory and scavenging lipid species. <i>Chemistry and Physics of Lipids</i> , <b>2011</b> , 164, 573-89	3.7	211
345	Effect of synthetic ligands of PPAR $\alpha$ , PPAR, RXR and LXR on the fatty acid composition of phospholipids in mice. <i>Lipids</i> , <b>2011</b> , 46, 1013-20	1.6	15
344	Over-stimulation of insulin/IGF-1 signaling by western diet may promote diseases of civilization: lessons learnt from laron syndrome. <i>Nutrition and Metabolism</i> , <b>2011</b> , 8, 41	4.6	69
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