

Gerd Schmitz

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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	The gene encoding ATP-binding cassette transporter 1 is mutated in Tangier disease. <i>Nature Genetics</i> , 1999 , 22, 347-51	36.3	1374
477	The opposing effects of n-3 and n-6 fatty acids. <i>Progress in Lipid Research</i> , 2008 , 47, 147-55	14.3	778
476	Shorthand notation for lipid structures derived from mass spectrometry. <i>Journal of Lipid Research</i> , 2013 , 54, 1523-1530	6.3	531
475	Regulation of scavenger receptor CD163 expression in human monocytes and macrophages by pro- and antiinflammatory stimuli. <i>Journal of Leukocyte Biology</i> , 2000 , 67, 97-103	6.5	485
474	ABCG1 (ABC8), the human homolog of the Drosophila white gene, is a regulator of macrophage cholesterol and phospholipid transport. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000 , 97, 817-22	11.5	471
473	Molecular cloning of the human ATP-binding cassette transporter 1 (hABC1): evidence for sterol-dependent regulation in macrophages. <i>Biochemical and Biophysical Research Communications</i> , 1999 , 257, 29-33	3.4	439
472	Transport of lipids from golgi to plasma membrane is defective in tangier disease patients and Abc1-deficient mice. <i>Nature Genetics</i> , 2000 , 24, 192-6	36.3	436
471	Lipopolysaccharide and ceramide docking to CD14 provokes ligand-specific receptor clustering in rafts. <i>European Journal of Immunology</i> , 2001 , 31, 3153-64	6.1	384
470	High throughput quantification of cholesterol and cholesteryl ester by electrospray ionization tandem mass spectrometry (ESI-MS/MS). <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2006 , 1761, 121-8	5	314
469	European Working Group on Clinical Cell Analysis: Consensus Protocol for the Flow Cytometric Characterisation of Platelet Function. <i>Thrombosis and Haemostasis</i> , 1998 , 79, 885-896	7	305
468	Leukocyte ABCA1 controls susceptibility to atherosclerosis and macrophage recruitment into tissues. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 6298-303	11.5	301
467	C(-260)-->T polymorphism in the promoter of the CD14 monocyte receptor gene as a risk factor for myocardial infarction. <i>Circulation</i> , 1999 , 99, 3218-20	16.7	286
466	Loss of detoxification in inflammatory bowel disease: dysregulation of pregnane X receptor target genes. <i>Gastroenterology</i> , 2004 , 127, 26-40	13.3	274
465	Differential gene expression of Eph receptors and ephrins in benign human tissues and cancers. <i>Clinical Chemistry</i> , 2004 , 50, 490-9	5.5	268
464	High-throughput quantification of phosphatidylcholine and sphingomyelin by electrospray ionization tandem mass spectrometry coupled with isotope correction algorithm. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2004 , 1686, 108-17	5	250
463	Structure and function of lamellar bodies, lipid-protein complexes involved in storage and secretion of cellular lipids.. <i>Journal of Lipid Research</i> , 1991 , 32, 1539-1570	6.3	248
462	Lipid profiling of FPLC-separated lipoprotein fractions by electrospray ionization tandem mass spectrometry. <i>Journal of Lipid Research</i> , 2009 , 50, 574-585	6.3	244

461	Flow cytometric analysis of thiazole orange uptake by platelets: a diagnostic aid in the evaluation of thrombocytopenic disorders. <i>Blood</i> , 1990 , 75, 116-121	2.2	240
460	Real-time reverse transcription-PCR expression profiling of the complete human ATP-binding cassette transporter superfamily in various tissues. <i>Clinical Chemistry</i> , 2003 , 49, 230-8	5.5	224
459	Plasma ceramide and lysophosphatidylcholine inversely correlate with mortality in sepsis patients. <i>Journal of Lipid Research</i> , 2003 , 44, 754-61	6.3	222
458	Metabolism and atherogenic disease association of lysophosphatidylcholine. <i>Atherosclerosis</i> , 2010 , 208, 10-8	3.1	220
457	Quantitative measurement of different ceramide species from crude cellular extracts by electrospray ionization tandem mass spectrometry (ESI-MS/MS). <i>Journal of Lipid Research</i> , 1999 , 40, 1539-46	6.3	217
456	Plasmalogens the neglected regulatory and scavenging lipid species. <i>Chemistry and Physics of Lipids</i> , 2011 , 164, 573-89	3.7	211
455	Increased bioavailability of nitric oxide after lipid-lowering therapy in hypercholesterolemic patients: a randomized, placebo-controlled, double-blind study. <i>Circulation</i> , 1998 , 98, 211-6	16.7	211
454	Structure and function of lamellar bodies, lipid-protein complexes involved in storage and secretion of cellular lipids. <i>Journal of Lipid Research</i> , 1991 , 32, 1539-70	6.3	211
453	Interaction of high density lipoproteins with cholesteryl ester-laden macrophages: biochemical and morphological characterization of cell surface receptor binding, endocytosis and resecretion of high density lipoproteins by macrophages.. <i>EMBO Journal</i> , 1985 , 4, 613-622	13	202
452	Quantitative measurement of different ceramide species from crude cellular extracts by electrospray ionization tandem mass spectrometry (ESI-MS/MS). <i>Journal of Lipid Research</i> , 1999 , 40, 1539-46	6.3	202
451	Role of ABCG1 and other ABCG family members in lipid metabolism. <i>Journal of Lipid Research</i> , 2001 , 42, 1513-1520	6.3	189
450	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> , 2011 , 89, 543-50	11	182
449	Cytofluorometric methods for assessing absolute numbers of cell subsets in blood. European Working Group on Clinical Cell Analysis. <i>Cytometry</i> , 2000 , 42, 327-46		179
448	Clusterin (complement lysis inhibitor) forms a high density lipoprotein complex with apolipoprotein A-I in human plasma. <i>Journal of Biological Chemistry</i> , 1991 , 266, 11030-11036	5.4	168
447	Structure, function and regulation of the ABC1 gene product. <i>Current Opinion in Lipidology</i> , 2001 , 12, 129-40	4.4	167
446	Role of ABCG1 and other ABCG family members in lipid metabolism. <i>Journal of Lipid Research</i> , 2001 , 42, 1513-20	6.3	167
445	Transcriptional regulatory networks in lipid metabolism control ABCA1 expression. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2005 , 1735, 1-19	5	161
444	Peripheral blood mononuclear phagocyte subpopulations as cellular markers in hypercholesterolemia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1996 , 16, 1437-47	9.4	161

443	Induction of fatty acid synthesis is a key requirement for phagocytic differentiation of human monocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 7817-22	11.5	157
442	Mice with targeted disruption of the fatty acid transport protein 4 (Fatp 4, Slc27a4) gene show features of lethal restrictive dermopathy. <i>Journal of Cell Biology</i> , 2003 , 161, 1105-15	7.3	157
441	Clusterin (complement lysis inhibitor) forms a high density lipoprotein complex with apolipoprotein A-I in human plasma. <i>Journal of Biological Chemistry</i> , 1991 , 266, 11030-6	5.4	157
440	Rapid quantification of bile acids and their conjugates in serum by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009 , 877, 3920-5	3.2	153
439	12R-lipoxygenase deficiency disrupts epidermal barrier function. <i>Journal of Cell Biology</i> , 2007 , 177, 173-82	8.3	151
438	Genetic determinants of circulating sphingolipid concentrations in European populations. <i>PLoS Genetics</i> , 2009 , 5, e1000672	6	150
437	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> , 2012 , 90, 809-20	11	148
436	Role of insulin, insulin-like growth factor-1, hyperglycaemic food and milk consumption in the pathogenesis of acne vulgaris. <i>Experimental Dermatology</i> , 2009 , 18, 833-41	4	145
435	Genome-wide association study identifies novel loci associated with circulating phospho- and sphingolipid concentrations. <i>PLoS Genetics</i> , 2012 , 8, e1002490	6	145
434	Flow cytometric enumeration of CD34+ hematopoietic stem and progenitor cells. European Working Group on Clinical Cell Analysis. <i>Cytometry</i> , 1998 , 34, 128-42		145
433	High-Throughput Quantification of Lysophosphatidylcholine by Electrospray Ionization Tandem Mass Spectrometry. <i>Clinical Chemistry</i> , 2002 , 48, 2217-2224	5.5	144
432	Milk is not just food but most likely a genetic transfection system activating mTORC1 signaling for postnatal growth. <i>Nutrition Journal</i> , 2013 , 12, 103	4.3	142
431	Apo AI/ABCA1-dependent and HDL3-mediated lipid efflux from compositionally distinct cholesterol-based microdomains. <i>Traffic</i> , 2002 , 3, 268-78	5.7	135
430	Identification of a novel human sterol-sensitive ATP-binding cassette transporter (ABCA7). <i>Biochemical and Biophysical Research Communications</i> , 2000 , 273, 532-8	3.4	128
429	Alteration of the pulmonary surfactant system in full-term infants with hereditary ABCA3 deficiency. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006 , 174, 571-80	10.2	124
428	Ca ⁺⁺ antagonists and ACAT inhibitors promote cholesterol efflux from macrophages by different mechanisms. I. Characterization of cellular lipid metabolism. <i>Arteriosclerosis (Dallas, Tex)</i> , 1988 , 8, 46-56		124
427	Hsp12 is an intrinsically unstructured stress protein that folds upon membrane association and modulates membrane function. <i>Molecular Cell</i> , 2010 , 39, 507-20	17.6	123
426	Aberrant intestinal expression and allelic variants of mucin genes associated with inflammatory bowel disease. <i>Journal of Molecular Medicine</i> , 2006 , 84, 1055-66	5.5	122

425	Genetic and biochemical evidence that CESD and Wolman disease are distinguished by residual lysosomal acid lipase activity. <i>Genomics</i> , 1996 , 33, 85-93	4.3	122
424	ATP-binding cassette transporter A1 (ABCA1) affects total body sterol metabolism. <i>Gastroenterology</i> , 2001 , 120, 1203-11	13.3	120
423	Tumor-specific Hsp70 plasma membrane localization is enabled by the glycosphingolipid Gb3. <i>PLoS ONE</i> , 2008 , 3, e1925	3.7	118
422	Mitotane Inhibits Sterol-O-Acyl Transferase 1 Triggering Lipid-Mediated Endoplasmic Reticulum Stress and Apoptosis in Adrenocortical Carcinoma Cells. <i>Endocrinology</i> , 2015 , 156, 3895-908	4.8	115
421	Mass spectrometric analysis of lipid species of human circulating blood cells. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2008 , 1781, 655-64	5	115
420	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> , 2012 , 897, 98-104	3.2	114
419	High-throughput analysis of sphingosine 1-phosphate, sphinganine 1-phosphate, and lysophosphatidic acid in plasma samples by liquid chromatography-tandem mass spectrometry. <i>Clinical Chemistry</i> , 2009 , 55, 1218-22	5.5	114
418	Hsp70 plasma membrane expression on primary tumor biopsy material and bone marrow of leukemic patients. <i>Cell Stress and Chaperones</i> , 2000 , 5, 438-42	4	114
417	Influence of gender, obesity, and muscle lipase activity on intramyocellular lipids in sedentary individuals. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009 , 94, 3440-7	5.6	112
416	Flow cytometric quantitation of immunofluorescence intensity: problems and perspectives. European Working Group on Clinical Cell Analysis. <i>Cytometry</i> , 1998 , 33, 166-78		112
415	Distribution and functional activity of P-glycoprotein and multidrug resistance-associated proteins in human brain microvascular endothelial cells in hippocampal sclerosis. <i>Epilepsy Research</i> , 2006 , 68, 213-28		111
414	A rapid and quantitative LC-MS/MS method to profile sphingolipids. <i>Journal of Lipid Research</i> , 2010 , 51, 2001-11	6.3	109
413	A lipidomic study of phospholipid classes and species in human synovial fluid. <i>Arthritis and Rheumatism</i> , 2013 , 65, 2323-33		108
412	Milk: an exosomal microRNA transmitter promoting thymic regulatory T cell maturation preventing the development of atopy?. <i>Journal of Translational Medicine</i> , 2014 , 12, 43	8.5	106
411	ABC transporters in cellular lipid trafficking. <i>Current Opinion in Lipidology</i> , 2000 , 11, 493-501	4.4	106
410	Tangier disease: a disorder of intracellular membrane traffic. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1985 , 82, 6305-9	11.5	106
409	Shotgun lipidomics by tandem mass spectrometry under data-dependent acquisition control. <i>Methods in Enzymology</i> , 2007 , 433, 175-91	1.7	104
408	Molecular cloning and characterization of a novel putative carboxylesterase, present in human intestine and liver. <i>Biochemical and Biophysical Research Communications</i> , 1997 , 233, 117-20	3.4	98

407	Aminopeptidase N (CD13) is a molecular target of the cholesterol absorption inhibitor ezetimibe in the enterocyte brush border membrane. <i>Journal of Biological Chemistry</i> , 2005 , 280, 1306-20	5.4	96
406	HDL-mediated efflux of intracellular cholesterol is impaired in fibroblasts from Tangier disease patients. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1995 , 15, 683-90	9.4	96
405	Approaching clinical proteomics: current state and future fields of application in fluid proteomics. <i>Clinical Chemistry and Laboratory Medicine</i> , 2009 , 47, 724-44	5.9	94
404	Altered skeletal muscle lipase expression and activity contribute to insulin resistance in humans. <i>Diabetes</i> , 2011 , 60, 1734-42	0.9	94
403	Lipidomic analysis of serum from high fat diet induced obese mice. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 2991-3002	6.3	93
402	Rapid improvement of nitric oxide bioavailability after lipid-lowering therapy with cerivastatin within two weeks. <i>Journal of the American College of Cardiology</i> , 2001 , 37, 1351-8	15.1	92
401	A quantitative densitometric method for the rapid separation and quantitation of the major tissue and lipoprotein lipids by high-performance thin-layer chromatography. I. Sample preparation, chromatography, and densitometry. <i>Biomedical Applications</i> , 1984 , 307, 65-79		91
400	Glycerophospholipid and sphingolipid species and mortality: the Ludwigshafen Risk and Cardiovascular Health (LURIC) study. <i>PLoS ONE</i> , 2014 , 9, e85724	3.7	91
399	Changes in HDL-associated apolipoproteins relate to mortality in human sepsis and correlate to monocyte and platelet activation. <i>Intensive Care Medicine</i> , 2009 , 35, 1877-85	14.5	90
398	Articular Joint Lubricants during Osteoarthritis and Rheumatoid Arthritis Display Altered Levels and Molecular Species. <i>PLoS ONE</i> , 2015 , 10, e0125192	3.7	89
397	Apolipoprotein A-1 interaction with plasma membrane lipid rafts controls cholesterol export from macrophages. <i>FASEB Journal</i> , 2004 , 18, 574-6	0.9	89
396	CD14 signalling in lipid rafts: new ligands and co-receptors. <i>Current Opinion in Lipidology</i> , 2002 , 13, 513-21	4.4	88
395	Common variants in the gene encoding ATP-binding cassette transporter 1 in men with low HDL cholesterol levels and coronary heart disease. <i>Atherosclerosis</i> , 2001 , 154, 607-11	3.1	88
394	ApoE-containing high density lipoproteins and phospholipid transfer protein activity increase in patients with a systemic inflammatory response. <i>Journal of Lipid Research</i> , 2001 , 42, 281-290	6.3	88
393	The zinc finger protein 202 (ZNF202) is a transcriptional repressor of ATP binding cassette transporter A1 (ABCA1) and ABCG1 gene expression and a modulator of cellular lipid efflux. <i>Journal of Biological Chemistry</i> , 2001 , 276, 12427-33	5.4	87
392	Analytical capillary isotachopheresis of human serum lipoproteins. <i>Electrophoresis</i> , 1997 , 18, 1807-13	3.6	86
391	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> , 2013 , 47, 357-62	5.2	84
390	A splice junction mutation causes deletion of a 72-base exon from the mRNA for lysosomal acid lipase in a patient with cholesteryl ester storage disease. <i>Journal of Clinical Investigation</i> , 1993 , 92, 2713-8	15.9	82

389	Alterations of plasma lysophosphatidylcholine species in obesity and weight loss. <i>PLoS ONE</i> , 2014 , 9, e111348	3.7	80
388	Rapid Quantification of Human ABCA1 mRNA in Various Cell Types and Tissues by Real-Time Reverse Transcription-PCR. <i>Clinical Chemistry</i> , 2001 , 47, 2089-2097	5.5	80
387	Lipidomic and proteomic characterization of platelet extracellular vesicle subfractions from senescent platelets. <i>Transfusion</i> , 2015 , 55, 507-21	2.9	78
386	Functional expression and characterization of the human ABCG1 and ABCG4 proteins: indications for heterodimerization. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 320, 860-7	3.4	78
385	Complete coding sequence, promoter region, and genomic structure of the human ABCA2 gene and evidence for sterol-dependent regulation in macrophages. <i>Biochemical and Biophysical Research Communications</i> , 2001 , 281, 249-58	3.4	77
384	Harvesting human adipose tissue-derived adult stem cells: resection versus liposuction. <i>Cytotherapy</i> , 2009 , 11, 947-57	4.8	75
383	ApoE-containing high density lipoproteins and phospholipid transfer protein activity increase in patients with a systemic inflammatory response. <i>Journal of Lipid Research</i> , 2001 , 42, 281-90	6.3	75
382	Epithelial stress and apoptosis underlie Hermansky-Pudlak syndrome-associated interstitial pneumonia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010 , 182, 207-19	10.2	73
381	Altered lipid metabolism in a Drosophila model of Friedreich's ataxia. <i>Human Molecular Genetics</i> , 2010 , 19, 2828-40	5.6	72
380	Simultaneous quantification of cardiolipin, bis(monoacylglycerol)phosphate and their precursors by hydrophilic interaction LC-MS/MS including correction of isotopic overlap. <i>Analytical Chemistry</i> , 2010 , 82, 8794-9	7.8	71
379	Adipophilin is a sensitive marker for lipid loading in human blood monocytes. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2001 , 1532, 97-104	5	70
378	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> , 2011 , 8, 41	4.6	69
377	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> , 2012 , 109, 8155-60	11.5	69
376	Inhibition of effects of endogenously synthesized histamine disturbs in vitro human dendritic cell differentiation. <i>Immunology Letters</i> , 2001 , 76, 175-82	4.1	69
375	Isolation and characterization of a 14.5-kDa trichloroacetic-acid-soluble translational inhibitor protein from human monocytes that is upregulated upon cellular differentiation. <i>FEBS Journal</i> , 1996 , 242, 339-51		69
374	Mapping ATP-binding cassette transporter gene expression profiles in melanocytes and melanoma cells. <i>Melanoma Research</i> , 2007 , 17, 265-73	3.3	68
373	Expression of the lysophospholipid receptor family and investigation of lysophospholipid-mediated responses in human macrophages. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2004 , 1682, 112-9	5	67
372	ATP-binding cassette transporter A1 (ABCA1) in macrophages: a dual function in inflammation and lipid metabolism?. <i>Pathobiology</i> , 1999 , 67, 236-40	3.6	67

371	Ca ⁺⁺ antagonists and ACAT inhibitors promote cholesterol efflux from macrophages by different mechanisms. II. Characterization of intracellular morphologic changes. <i>Arteriosclerosis (Dallas, Tex)</i> , 1988 , 8, 57-67		67
370	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> , 2011 , 1811, 68-75	5	65
369	The genomic organization of the genes for human lipopolysaccharide binding protein (LBP) and bactericidal permeability increasing protein (BPI) is highly conserved. <i>Biochemical and Biophysical Research Communications</i> , 1997 , 236, 427-30	3.4	65
368	A more mature phenotype of blood mononuclear phagocytes is induced by fluvastatin treatment in hypercholesterolemic patients with coronary heart disease. <i>Atherosclerosis</i> , 1999 , 144, 251-61	3.1	65
367	Performance of calibration standards for antigen quantitation with flow cytometry. <i>Cytometry</i> , 1998 , 33, 188-96		64
366	Alterations in intestinal fatty acid metabolism in inflammatory bowel disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2006 , 1762, 341-50	6.9	64
365	The carboxyterminus of the ATP-binding cassette transporter A1 interacts with a beta2-syntrophin/utrophin complex. <i>Biochemical and Biophysical Research Communications</i> , 2002 , 293, 759-65	3.4	64
364	ABCA6, a novel a subclass ABC transporter. <i>Biochemical and Biophysical Research Communications</i> , 2001 , 285, 1295-301	3.4	64
363	The scavenger receptor CD163: regulation, promoter structure and genomic organization. <i>Pathobiology</i> , 1999 , 67, 257-61	3.6	64
362	Whole blood analysis of reticulated platelets: improvements of detection and assay stability. <i>Cytometry</i> , 1998 , 34, 229-34		62
361	Pharmacogenomics of cholesterol-lowering therapy. <i>Vascular Pharmacology</i> , 2006 , 44, 75-89	5.9	62
360	Molecular structure of a novel cholesterol-responsive A subclass ABC transporter, ABCA9. <i>Biochemical and Biophysical Research Communications</i> , 2002 , 295, 408-16	3.4	60
359	Effects of volatile anaesthetics on human neutrophil oxidative response to the bacterial peptide FMLP. <i>British Journal of Anaesthesia</i> , 1997 , 78, 718-23	5.4	59
358	Identification of regulatory elements in the human adipose most abundant gene transcript-1 (apM-1) promoter: role of SP1/SP3 and TNF-alpha as regulatory pathways. <i>Diabetologia</i> , 2002 , 45, 1425-33	10.3	59
357	Adenosine triphosphate binding cassette (ABC) transporters are expressed and regulated during terminal keratinocyte differentiation: a potential role for ABCA7 in epidermal lipid reorganization. <i>Journal of Investigative Dermatology</i> , 2003 , 121, 465-74	4.3	59
356	Lipopolysaccharide inhibits the expression of the scavenger receptor Cla-1 in human monocytes and macrophages. <i>Biochemical and Biophysical Research Communications</i> , 1999 , 262, 251-4	3.4	59
355	MicroRNAs: Milk [®] epigenetic regulators. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2017 , 31, 427-442	6.5	58
354	Interaction of CD163 with the regulatory subunit of casein kinase II (CKII) and dependence of CD163 signaling on CKII and protein kinase C. <i>European Journal of Immunology</i> , 2001 , 31, 999-1009	6.1	58

353	Purification, cloning, and expression of a human enzyme with acyl coenzyme A: cholesterol acyltransferase activity, which is identical to liver carboxylesterase. <i>Arteriosclerosis and Thrombosis: A Journal of Vascular Biology</i> , 1994 , 14, 1346-55		58
352	Sphingolipids in human synovial fluid--a lipidomic study. <i>PLoS ONE</i> , 2014 , 9, e91769	3.7	58
351	Lipidomic analysis of the liver from high-fat diet induced obese mice identifies changes in multiple lipid classes. <i>Experimental and Molecular Pathology</i> , 2014 , 97, 37-43	4.4	57
350	Milk® Role as an Epigenetic Regulator in Health and Disease. <i>Diseases (Basel, Switzerland)</i> , 2017 , 5,	4.4	57
349	Association of ABCA1 with syntaxin 13 and flotillin-1 and enhanced phagocytosis in tangier cells. <i>Molecular Biology of the Cell</i> , 2004 , 15, 5399-407	3.5	57
348	Enzymatically degraded LDL preferentially binds to CD14(high) CD16(+) monocytes and induces foam cell formation mediated only in part by the class B scavenger-receptor CD36. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2001 , 21, 1004-10	9.4	57
347	PPAR-mediated and arachidonic acid-dependent signaling is involved in differentiation and lipid production of human sebocytes. <i>Journal of Investigative Dermatology</i> , 2014 , 134, 910-920	4.3	56
346	Role of redox regulation and lipid rafts in macrophages during Ox-LDL-mediated foam cell formation. <i>Antioxidants and Redox Signaling</i> , 2007 , 9, 1499-518	8.4	56
345	Identification of sterol-independent regulatory elements in the human ATP-binding cassette transporter A1 promoter: role of Sp1/3, E-box binding factors, and an oncostatin M-responsive element. <i>Journal of Biological Chemistry</i> , 2002 , 277, 14443-50	5.4	56
344	Apolipoprotein AI and HDL(3) inhibit spreading of primary human monocytes through a mechanism that involves cholesterol depletion and regulation of CDC42. <i>Atherosclerosis</i> , 2001 , 159, 313-24	3.1	56
343	Milk miRNAs: simple nutrients or systemic functional regulators?. <i>Nutrition and Metabolism</i> , 2016 , 13, 42	4.6	55
342	PPAR and LXR activators regulate ABCA12 expression in human keratinocytes. <i>Journal of Investigative Dermatology</i> , 2008 , 128, 104-9	4.3	55
341	High molecular weight adiponectin reduces apolipoprotein B and E release in human hepatocytes. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 352, 543-8	3.4	55
340	Preparative free-solution isotachopheresis for separation of human plasma lipoproteins: apolipoprotein and lipid composition of HDL subfractions. <i>Journal of Lipid Research</i> , 2000 , 41, 905-915	6.3	55
339	Epigenetic dynamics of monocyte-to-macrophage differentiation. <i>Epigenetics and Chromatin</i> , 2016 , 9, 33	5.8	54
338	Lipid homeostasis in macrophages - implications for atherosclerosis. <i>Reviews of Physiology, Biochemistry and Pharmacology</i> , 2008 , 160, 93-125	2.9	54
337	Mutations in the human ATP-binding cassette transporters ABCG5 and ABCG8 in sitosterolemia. <i>Human Mutation</i> , 2002 , 20, 151	4.7	54
336	Genomic organization of the human lysosomal acid lipase gene (LIPA). <i>Genomics</i> , 1994 , 20, 329-31	4.3	54

335	Macrophage interaction of HDL subclasses separated by free flow isotachopheresis.. <i>Journal of Lipid Research</i> , 1990 , 31, 1947-1963	6.3	54
334	Different proliferative and survival capacity of CLL-cells in a newly established in vitro model for pseudofollicles. <i>Leukemia</i> , 2009 , 23, 2118-28	10.7	53
333	RANTES gene polymorphisms predict all-cause and cardiac mortality in type 2 diabetes mellitus hemodialysis patients. <i>Atherosclerosis</i> , 2005 , 183, 121-9	3.1	53
332	Cloning and characterization of a novel apolipoprotein A-I binding protein, AI-BP, secreted by cells of the kidney proximal tubules in response to HDL or ApoA-I. <i>Genomics</i> , 2002 , 79, 693-702	4.3	53
331	ABCA2: a candidate regulator of neural transmembrane lipid transport. <i>Cellular and Molecular Life Sciences</i> , 2002 , 59, 1285-95	10.3	52
330	Gas chromatography-tandem mass spectrometry method for the simultaneous determination of oxysterols, plant sterols, and cholesterol precursors. <i>Clinical Chemistry</i> , 2012 , 58, 1557-64	5.5	51
329	Lipidomics reveals membrane lipid remodelling and release of potential lipid mediators during early stress responses in a murine melanoma cell line. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2010 , 1801, 1036-47	5	51
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