

Ta-Yuan Chang

List of Publications by Year in descending order

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118
papers

9,592
citations

44069

48
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38395

95
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125
all docs

125
docs citations

125
times ranked

8171
citing authors

#	ARTICLE	IF	CITATIONS
1	Niemann-Pick C1 Disease Gene: Homology to Mediators of Cholesterol Homeostasis. <i>Science</i> , 1997, 277, 228-231.	12.6	1,373
2	Potentiating the antitumour response of CD8+ T cells by modulating cholesterol metabolism. <i>Nature</i> , 2016, 531, 651-655.	27.8	648
3	Cholesterol Sensing, Trafficking, and Esterification. <i>Annual Review of Cell and Developmental Biology</i> , 2006, 22, 129-157.	9.4	517
4	ACYL-COENZYME A:CHOLESTEROL ACYLTRANSFERASE. <i>Annual Review of Biochemistry</i> , 1997, 66, 613-638.	11.1	479
5	Acyl-coenzyme A: cholesterol acyltransferase modulates the generation of the amyloid β -peptide. <i>Nature Cell Biology</i> , 2001, 3, 905-912.	10.3	444
6	Acyl-coenzyme A:cholesterol acyltransferases. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 297, E1-E9.	3.5	367
7	Roles of acyl-coenzyme A : cholesterol acyltransferase-1 and -2. <i>Current Opinion in Lipidology</i> , 2001, 12, 289-296.	2.7	223
8	Immunological Quantitation and Localization of ACAT-1 and ACAT-2 in Human Liver and Small Intestine. <i>Journal of Biological Chemistry</i> , 2000, 275, 28083-28092.	3.4	195
9	Binding between the Niemann-Pick C1 protein and a photoactivatable cholesterol analog requires a functional sterol-sensing domain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 12473-12478.	7.1	180
10	ACAT1 gene ablation increases 24(S)-hydroxycholesterol content in the brain and ameliorates amyloid pathology in mice with AD. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 3081-3086.	7.1	170
11	Role of Niemann-Pick Type C1 Protein in Intracellular Trafficking of Low Density Lipoprotein-derived Cholesterol. <i>Journal of Biological Chemistry</i> , 2000, 275, 4013-4021.	3.4	164
12	Activation of Acyl-Coenzyme A:Cholesterol Acyltransferase by Cholesterol or by Oxysterol in a Cell-free System. <i>Journal of Biological Chemistry</i> , 1995, 270, 685-695.	3.4	157
13	Regulation and Immunolocalization of Acyl-Coenzyme A:Cholesterol Acyltransferase in Mammalian Cells as Studied with Specific Antibodies. <i>Journal of Biological Chemistry</i> , 1995, 270, 29532-29540.	3.4	145
14	Expression of ACAT-1 Protein in Human Atherosclerotic Lesions and Cultured Human Monocytes-Macrophages. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1998, 18, 1568-1574.	2.4	141
15	Niemann-Pick Type C Disease and Intracellular Cholesterol Trafficking. <i>Journal of Biological Chemistry</i> , 2005, 280, 20917-20920.	3.4	141
16	Accumulation and Aggregation of Amyloid β -Protein in Late Endosomes of Niemann-Pick Type C Cells. <i>Journal of Biological Chemistry</i> , 2001, 276, 4454-4460.	3.4	137
17	Acyl-CoA:cholesterol acyltransferases (ACATs/SOATs): Enzymes with multiple sterols as substrates and as activators. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015, 151, 102-107.	2.5	123
18	Recombinant Acyl-CoA:cholesterol Acyltransferase-1 (ACAT-1) Purified to Essential Homogeneity Utilizes Cholesterol in Mixed Micelles or in Vesicles in a Highly Cooperative Manner. <i>Journal of Biological Chemistry</i> , 1998, 273, 35132-35141.	3.4	119

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19	Localization of Human Acyl-Coenzyme A:Cholesterol Acyltransferase-1 (ACAT-1) in Macrophages and in Various Tissues. <i>American Journal of Pathology</i> , 2000, 156, 227-236.	3.8	118
20	A novel mouse model of Niemann-Pick type C disease carrying a D1005G-Npc1 mutation comparable to commonly observed human mutations. <i>Human Molecular Genetics</i> , 2012, 21, 730-750.	2.9	111
21	Cellular cholesterol homeostasis and Alzheimer's disease. <i>Journal of Lipid Research</i> , 2017, 58, 2239-2254.	4.2	106
22	Human Acyl-CoA:Cholesterol Acyltransferase-1 (ACAT-1) Gene Organization and Evidence That the 4.3-Kilobase ACAT-1 mRNA Is Produced from Two Different Chromosomes. <i>Journal of Biological Chemistry</i> , 1999, 274, 11060-11071.	3.4	105
23	Transport of LDL-derived cholesterol from the NPC1 compartment to the ER involves the trans-Golgi network and the SNARE protein complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 16513-16518.	7.1	105
24	Investigating the allostereism of acyl-CoA:cholesterol acyltransferase (ACAT) by using various sterols: in vitro and intact cell studies. <i>Biochemical Journal</i> , 2005, 391, 389-397.	3.7	98
25	Human Acyl-Coenzyme A:Cholesterol Acyltransferase Expressed in Chinese Hamster Ovary Cells: Membrane Topology and Active Site Location. <i>Molecular Biology of the Cell</i> , 2003, 14, 2447-2460.	2.1	91
26	A novel cholesterol stain reveals early neuronal cholesterol accumulation in the Niemann-Pick type C1 mouse brain. <i>Journal of Lipid Research</i> , 2004, 45, 582-591.	4.2	90
27	Immunodepletion experiments suggest that acyl-coenzyme A:cholesterol acyltransferase-1 (ACAT-1) protein plays a major catalytic role in adult human liver, adrenal gland, macrophages, and kidney, but not in intestines. <i>Journal of Lipid Research</i> , 1998, 39, 1722-1727.	4.2	90
28	Inhibiting ACAT1/SOAT1 in Microglia Stimulates Autophagy-Mediated Lysosomal Proteolysis and Increases A β 42 Clearance. <i>Journal of Neuroscience</i> , 2014, 34, 14484-14501.	3.6	86
29	Acat1 Knockdown Gene Therapy Decreases Amyloid- β 2 in a Mouse Model of Alzheimer's Disease. <i>Molecular Therapy</i> , 2013, 21, 1497-1506.	8.2	84
30	ACAT1/SOAT1 as a therapeutic target for Alzheimer's disease. <i>Future Medicinal Chemistry</i> , 2015, 7, 2451-2467.	2.3	82
31	Cholesterol and fatty acids regulate cysteine ubiquitylation of ACAT2 through competitive oxidation. <i>Nature Cell Biology</i> , 2017, 19, 808-819.	10.3	81
32	Human Acyl-CoA:Cholesterol Acyltransferase-1 in the Endoplasmic Reticulum Contains Seven Transmembrane Domains. <i>Journal of Biological Chemistry</i> , 1999, 274, 23276-23285.	3.4	80
33	Embryonic Striatal Neurons from Niemann-Pick Type C Mice Exhibit Defects in Cholesterol Metabolism and Neurotrophin Responsiveness. <i>Journal of Biological Chemistry</i> , 2000, 275, 20179-20187.	3.4	79
34	Distinct Endosomal Compartments in Early Trafficking of Low Density Lipoprotein-derived Cholesterol. <i>Journal of Biological Chemistry</i> , 2003, 278, 27180-27189.	3.4	79
35	Fate of Endogenously Synthesized Cholesterol in Niemann-Pick Type C1 Cells. <i>Journal of Biological Chemistry</i> , 2000, 275, 41309-41316.	3.4	78
36	The Active Site His-460 of Human Acyl-coenzyme A:Cholesterol Acyltransferase 1 Resides in a Hitherto Undisclosed Transmembrane Domain. <i>Journal of Biological Chemistry</i> , 2005, 280, 37814-37826.	3.4	74

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37	Human Acyl-CoA:Cholesterol Acyltransferase-1 Is a Homotetrameric Enzyme in Intact Cells and in Vitro. <i>Journal of Biological Chemistry</i> , 1999, 274, 36139-36145.	3.4	72
38	Acyl-coenzyme A:cholesterol acyltransferase 1 blockage enhances autophagy in the neurons of triple transgenic Alzheimer's disease mouse and reduces human P301L-tau content at the presymptomatic stage. <i>Neurobiology of Aging</i> , 2015, 36, 2248-2259.	3.1	67
39	Intracellular cholesterol mobilization involved in the ABCA1/apolipoprotein-mediated assembly of high density lipoprotein in fibroblasts. <i>Journal of Lipid Research</i> , 2004, 45, 1943-1951.	4.2	66
40	Enhancement of human ACAT1 gene expression to promote the macrophage-derived foam cell formation by dexamethasone. <i>Cell Research</i> , 2004, 14, 315-323.	12.0	64
41	Cholesterol Is Superior to 7-Ketocholesterol or 7 β -Hydroxycholesterol as an Allosteric Activator for Acyl-coenzyme A:Cholesterol Acyltransferase 1. <i>Journal of Biological Chemistry</i> , 2003, 278, 11642-11647.	3.4	61
42	Membrane-bound O-acyltransferases (MBOATs). <i>Frontiers in Biology</i> , 2011, 6, 177.	0.7	60
43	Deficiency in the Lipid Exporter ABCA1 Impairs Retrograde Sterol Movement and Disrupts Sterol Sensing at the Endoplasmic Reticulum. <i>Journal of Biological Chemistry</i> , 2015, 290, 23464-23477.	3.4	56
44	TNF-alpha stimulates the ACAT1 expression in differentiating monocytes to promote the CE-laden cell formation. <i>Journal of Lipid Research</i> , 2009, 50, 1057-1067.	4.2	55
45	Acyl-Coenzyme A:Cholesterol Acyltransferase 2 (ACAT2) Is Induced in Monocyte-Derived Macrophages: In Vivo and In Vitro Studies. <i>Laboratory Investigation</i> , 2003, 83, 1569-1581.	3.7	54
46	A specific cholesterol metabolic pathway is established in a subset of HCCs for tumor growth. <i>Journal of Molecular Cell Biology</i> , 2013, 5, 404-415.	3.3	54
47	Trafficking defects in endogenously synthesized cholesterol in fibroblasts, macrophages, hepatocytes, and glial cells from Niemann-Pick type C1 mice. <i>Journal of Lipid Research</i> , 2003, 44, 1010-1019.	4.2	53
48	Somatic cell genetic and biochemical characterization of cell lines resulting from human genomic DNA transfections of Chinese hamster ovary cell mutants defective in sterol-dependent activation of sterol synthesis and LDL receptor expression. <i>Somatic Cell and Molecular Genetics</i> , 1994, 20, 183-194.	0.7	52
49	Immunolocalization of Acyl-Coenzyme A:Cholesterol O-Acyltransferase in Macrophages. <i>Journal of Biological Chemistry</i> , 1998, 273, 11218-11224.	3.4	52
50	Plasma Membrane Cholesterol: A Possible Barrier to Intracellular Oxygen in Normal and Mutant CHO Cells Defective in Cholesterol Metabolism. <i>Biochemistry</i> , 2003, 42, 23-29.	2.5	51
51	Transport of plasma membrane-derived cholesterol and the function of Niemann-Pick C1 protein. <i>FASEB Journal</i> , 2003, 17, 782-784.	0.5	51
52	Human acyl-CoA:cholesterol acyltransferase 2 gene expression in intestinal Caco-2 cells and in hepatocellular carcinoma. <i>Biochemical Journal</i> , 2006, 394, 617-626.	3.7	51
53	Structural insights into the inhibition mechanism of human sterol O-acyltransferase 1 by a competitive inhibitor. <i>Nature Communications</i> , 2020, 11, 2478.	12.8	49
54	A simple and efficient procedure for the rapid homogenization of cultured animal cells grown in monolayer. <i>Analytical Biochemistry</i> , 1981, 116, 298-302.	2.4	48

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55	Ezetimibe Blocks Internalization of the NPC1L1/Cholesterol Complex. <i>Cell Metabolism</i> , 2008, 7, 469-471.	16.2	47
56	Human Acyl-CoA:cholesterol Acyltransferase (ACAT) and its Potential as a Target for Pharmaceutical Intervention against Atherosclerosis. <i>Acta Biochimica Et Biophysica Sinica</i> , 2006, 38, 151-156.	2.0	45
57	Synergistic Transcriptional Activation of Human Acyl-coenzyme A: Cholesterol Acyltransferase-1 Gene by Interferon- β and All-trans-Retinoic Acid THP-1 Cells. <i>Journal of Biological Chemistry</i> , 2001, 276, 20989-20998.	3.4	43
58	Role of the N-Terminal Hydrophilic Domain of Acyl-Coenzyme A:Cholesterol Acyltransferase 1 on the Enzyme's Quaternary Structure and Catalytic Efficiency. <i>Biochemistry</i> , 2002, 41, 3762-3769.	2.5	41
59	Biotinylated β -toxin derivative as a probe to examine intracellular cholesterol-rich domains in normal and Niemann-Pick type C1 cells. <i>Journal of Lipid Research</i> , 2003, 44, 1033-1041.	4.2	40
60	MiR-9 reduces human acyl-coenzyme A:cholesterol acyltransferase-1 to decrease THP-1 macrophage-derived foam cell formation. <i>Acta Biochimica Et Biophysica Sinica</i> , 2013, 45, 953-962.	2.0	38
61	Activation of acyl-coenzyme A:cholesterol acyltransferase activity by cholesterol is not due to altered mRNA levels in HepG2 cells. <i>Lipids and Lipid Metabolism</i> , 1996, 1301, 76-84.	2.6	35
62	The Epigenetic Drug 5-Azacytidine Interferes with Cholesterol and Lipid Metabolism. <i>Journal of Biological Chemistry</i> , 2014, 289, 18736-18751.	3.4	35
63	Myeloid Acyl-CoA:Cholesterol Acyltransferase 1 Deficiency Reduces Lesion Macrophage Content and Suppresses Atherosclerosis Progression. <i>Journal of Biological Chemistry</i> , 2016, 291, 6232-6244.	3.4	34
64	Promotion of tau phosphorylation by MAP kinase Erk1/2 is accompanied by reduced cholesterol level in detergent-insoluble membrane fraction in Niemann-Pick C1-deficient cells. <i>Journal of Neurochemistry</i> , 2003, 84, 1086-1096.	3.9	32
65	15 Acyl Coenzyme A: Cholesterol O-Acyltransferase. <i>The Enzymes</i> , 1983, 16, 523-539.	1.7	31
66	Chinese hamster ovary cell mutants affecting cholesterol metabolism. <i>Current Opinion in Lipidology</i> , 1997, 8, 65-71.	2.7	31
67	Cholesterol, Atherosclerosis, and APOE in Vascular Contributions to Cognitive Impairment and Dementia (VCID): Potential Mechanisms and Therapy. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 647990.	3.4	31
68	Aspartate transcarbamylase from <i>Streptococcus faecalis</i> . Purification, properties, and nature of an allosteric activator site. <i>Biochemistry</i> , 1974, 13, 629-638.	2.5	29
69	The Disulfide Linkage and the Free Sulfhydryl Accessibility of Acyl-Coenzyme A:Cholesterol Acyltransferase 1 As Studied by Using mPEG5000-Maleimide. <i>Biochemistry</i> , 2005, 44, 6537-6546.	2.5	29
70	Human Acyl-Coenzyme A:Cholesterol Acyltransferase 1 (acat1) Sequences Located in Two Different Chromosomes (7 and 1) Are Required to Produce a Novel ACAT1 Isoenzyme with Additional Sequence at the N Terminus. <i>Journal of Biological Chemistry</i> , 2004, 279, 46253-46262.	3.4	28
71	ABCA1-dependent sterol release: sterol molecule specificity and potential membrane domain for HDL biogenesis. <i>Journal of Lipid Research</i> , 2016, 57, 77-88.	4.2	28
72	Synthesis and biochemical properties of a new photoactivatable cholesterol analog 7,7-azocholestanol and its linoleate ester in Chinese hamster ovary cell lines. <i>Journal of Lipid Research</i> , 2002, 43, 1341-1347.	4.2	27

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73	Induction of acyl-coenzyme A:cholesterol acyltransferase-1 by 1,25-dihydroxyvitamin D3 or 9-cis-retinoic acid in undifferentiated THP-1 cells. <i>Journal of Lipid Research</i> , 2001, 42, 181-187.	4.2	27
74	The structure of acyl coenzyme A-cholesterol acyltransferase and its potential relevance to atherosclerosis. <i>Trends in Cardiovascular Medicine</i> , 1994, 4, 223-230.	4.9	25
75	Organization of Human ACAT-2 Gene and Its Cell-Type-Specific Promoter Activity. <i>Biochemical and Biophysical Research Communications</i> , 2001, 282, 580-588.	2.1	25
76	Purification of Recombinant Acyl-Coenzyme A:Cholesterol Acyltransferase 1 (ACAT1) from H293 Cells and Binding Studies between the Enzyme and Substrates Using Difference Intrinsic Fluorescence Spectroscopy. <i>Biochemistry</i> , 2010, 49, 9957-9963.	2.5	24
77	Myeloid-specific <i>Acat1</i> ablation attenuates inflammatory responses in macrophages, improves insulin sensitivity, and suppresses diet-induced obesity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018, 315, E340-E356.	3.5	23
78	Translocation of both lysosomal LDL-derived cholesterol and plasma membrane cholesterol to the endoplasmic reticulum for esterification may require common cellular factors involved in cholesterol egress from the acidic compartments (lysosomes/endosomes). <i>Lipids and Lipid Metabolism</i> , 1995, 1254, 283-294.	2.6	22
79	Mutant Acyl-coenzyme A:Cholesterol Acyltransferase 1 Devoid of Cysteine Residues Remains Catalytically Active. <i>Journal of Biological Chemistry</i> , 2002, 277, 711-718.	3.4	22
80	Cholesterol loading in macrophages stimulates formation of ER-derived vesicles with elevated ACAT1 activity. <i>Journal of Lipid Research</i> , 2010, 51, 1263-1272.	4.2	22
81	Cellular Pregnenolone Esterification by Acyl-CoA:Cholesterol Acyltransferase. <i>Journal of Biological Chemistry</i> , 2012, 287, 17483-17492.	3.4	22
82	Roles of Endogenously Synthesized Sterols in the Endocytic Pathway. <i>Journal of Biological Chemistry</i> , 2006, 281, 23191-23206.	3.4	21
83	Plasma Membrane Rafts Complete Cholesterol Synthesis by Participating in Retrograde Movement of Precursor Sterols. <i>Journal of Biological Chemistry</i> , 2007, 282, 34994-35004.	3.4	21
84	Myeloid <i>Acat1</i> / <i>Soat1</i> KO attenuates pro-inflammatory responses in macrophages and protects against atherosclerosis in a model of advanced lesions. <i>Journal of Biological Chemistry</i> , 2019, 294, 15836-15849.	3.4	20
85	Functionality of the Seventh and Eighth Transmembrane Domains of Acyl-Coenzyme A:Cholesterol Acyltransferase 1. <i>Biochemistry</i> , 2007, 46, 10063-10071.	2.5	18
86	Partial blockage of sterol biosynthesis with a squalene synthase inhibitor in early postnatal Niemann-Pick type C npcni null mice brains reduces neuronal cholesterol accumulation, abrogates astrogliosis, but may inhibit myelin maturation. <i>Journal of Neuroscience Methods</i> , 2008, 168, 15-25.	2.5	17
87	<i>Acat1</i> Gene Ablation in Mice Increases Hematopoietic Progenitor Cell Proliferation in Bone Marrow and Causes Leukocytosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 2081-2087.	2.4	17
88	The Cytosolic Adaptor <i>AP-1A</i> Is Essential for the Trafficking and Function of Niemann-Pick Type C Proteins. <i>Traffic</i> , 2013, 14, 458-469.	2.7	17
89	Cholesterol loading in macrophages stimulates formation of ER-derived vesicles with elevated ACAT1 activity. <i>Journal of Lipid Research</i> , 2010, 51, 1263-1272.	4.2	16
90	Acyl-coenzyme A:cholesterol acyltransferase-1 significance of single nucleotide polymorphism at residue 526 and the role of <i>P</i> ro347 near the fifth transmembrane domain. <i>FEBS Journal</i> , 2014, 281, 1773-1783.	4.7	16

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91	<i>Acat1/Soat1</i> knockout extends the mutant <i>Npc1</i> mouse lifespan and ameliorates functional deficiencies in multiple organelles of mutant cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2201646119.	7.1	16
92	Aspartate transcarbamylase from <i>Streptococcus faecalis</i> . Steady-state kinetic analysis. <i>Biochemistry</i> , 1974, 13, 638-645.	2.5	15
93	Localization of acyl coenzyme A:cholesterol acyltransferase gene to human chromosome 1q25. <i>Somatic Cell and Molecular Genetics</i> , 1994, 20, 71-74.	0.7	15
94	Aspartate transcarbamylase from <i>Streptococcus faecalis</i> . Reverse reaction and binding studies. <i>Biochemistry</i> , 1974, 13, 646-653.	2.5	14
95	A Stable Upstream Stem-loop Structure Enhances Selection of the First 5'â€²-ORF-AUG as a Main Start Codon for Translation Initiation of Human ACAT1 mRNA. <i>Acta Biochimica Et Biophysica Sinica</i> , 2004, 36, 259-268.	2.0	14
96	RNA secondary structures located in the interchromosomal region of human ACAT1 chimeric mRNA are required to produce the 56-kDa isoform. <i>Cell Research</i> , 2008, 18, 921-936.	12.0	14
97	Production of ACAT1 56-kDa isoform in human cells via trans-splicing involving the ampicillin resistance gene. <i>Cell Research</i> , 2013, 23, 1007-1024.	12.0	13
98	Neuronal cholesterol esterification by ACAT1 in Alzheimer's disease. <i>IUBMB Life</i> , 2010, 62, 261-267.	3.4	12
99	Blocking cholesterol storage to treat Alzheimer's disease. , 2021, 1, 173-184.		11
100	Association of ACAT1-Positive Vesicles with Late Endosomes/ Lysosomes in Cholesterol-Rich Human Macrophages. <i>Journal of Atherosclerosis and Thrombosis</i> , 2010, 17, 740-750.	2.0	10
101	The optional long 5'â€²-untranslated region of human ACAT1 mRNAs impairs the production of ACAT1 protein by promoting its mRNA decay. <i>Acta Biochimica Et Biophysica Sinica</i> , 2009, 41, 30-41.	2.0	9
102	ACAT1 regulates the dynamics of free cholesterol in plasma membrane which leads to the APP-â€²-processing alteration. <i>Acta Biochimica Et Biophysica Sinica</i> , 2015, 47, gmv101.	2.0	8
103	ApoE and Lipid Homeostasis in Alzheimer's Disease: Introduction to the Thematic Review Series. <i>Journal of Lipid Research</i> , 2017, 58, 823.	4.2	8
104	Synthesis and biochemical properties of a new photoactivatable cholesterol analog 7,7-azocholesterol and its linoleate ester in Chinese hamster ovary cell lines. <i>Journal of Lipid Research</i> , 2002, 43, 1341-7.	4.2	8
105	Human ACAT1 gene expression and its involvement in the development of atherosclerosis. <i>Future Cardiology</i> , 2006, 2, 93-99.	1.2	7
106	Triton X-100 or octyl glucoside inactivates acyl-CoA:cholesterol acyltransferase 1 by dissociating it from a two-fold dimer to a two-fold monomer. <i>Archives of Biochemistry and Biophysics</i> , 2019, 671, 103-110.	3.0	6
107	[6] Aspartate carbamyltransferase (<i>Streptococcus faecalis</i>). <i>Methods in Enzymology</i> , 1978, 51, 41-50.	1.0	5
108	Facile method to incorporate high-affinity ACAT/SOAT1 inhibitor F12511 into stealth liposome-based nanoparticle and demonstration of its efficacy in blocking cholesteryl ester biosynthesis without overt toxicity in neuronal cell culture. <i>Journal of Neuroscience Methods</i> , 2022, 367, 109437.	2.5	5

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109	Methods for Monitoring ABCA1-Dependent Sterol Release. <i>Methods in Molecular Biology</i> , 2017, 1583, 257-273.	0.9	4
110	Nanodisc scaffold peptide (NSPr) replaces detergent by reconstituting acyl-CoA:cholesterol acyltransferase 1 into peptidiscs. <i>Archives of Biochemistry and Biophysics</i> , 2020, 691, 108518.	3.0	4
111	The ACAT2 expression of human leukocytes is responsible for the excretion of lipoproteins containing cholesteryl/steryl esters. <i>Acta Biochimica Et Biophysica Sinica</i> , 2016, 48, 990-997.	2.0	3
112	Acyl Coenzyme A:Cholesterol Acyltransferase (ACAT) in Macrophage-Derived Foam Cells and Its Distribution in Human Organs.. <i>Acta Histochemica Et Cytochemica</i> , 2000, 33, 189-194.	1.6	2
113	Two Human ACAT2 mRNA Variants Produced by Alternative Splicing and Coding for Novel Isoenzymes. <i>Acta Biochimica Et Biophysica Sinica</i> , 2005, 37, 797-806.	2.0	2
114	Building Bridges through Science. <i>Neuron</i> , 2017, 96, 730-735.	8.1	2
115	A simple method to disrupt and restore subunit interaction of acyl-CoA:cholesterol acyltransferase 1. <i>MethodsX</i> , 2019, 6, 2242-2247.	1.6	2
116	Low-level expression of humanACAT2gene in monocytic cells is regulated by the C/EBP transcription factors. <i>Acta Biochimica Et Biophysica Sinica</i> , 2016, 48, 980-989.	2.0	1
117	7 Mammalian ACAT and DGAT2 gene families. <i>Topics in Current Genetics</i> , 0, , 241-265.	0.7	1
118	Summary and Future Perspectives. , 1998, , 289-292.		0