Michael S Brown

List of Publications by Year in Descending Order

47 papers	16,397 citations	34 h-index	51 g-index
51 ext. papers	17,962 ext. citations	22.1 avg, IF	6.75 L-index

#	Paper	IF	Citations
47	Interplay between Asters/GRAMD1s and phosphatidylserine in intermembrane transport of LDL cholesterol.. *Proceedings of the National Academy of Sciences of the United States of America*, **2022**, 119,	11.5	3
46	Last step in the path of LDL cholesterol from lysosome to plasma membrane to ER is governed by phosphatidylserine. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 18521-18529	11.5	34
45	Growth hormone acts on liver to stimulate autophagy, support glucose production, and preserve blood glucose in chronically starved mice. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 7449-7454	11.5	23
44	Retrospective on Cholesterol Homeostasis: The Central Role of Scap. *Annual Review of Biochemistry* , **2018**, 87, 783-807	29.1	180
43	BHLHE40, a third transcription factor required for insulin induction of SREBP-1c mRNA in rodent liver. *ELife*, **2018**, 7,	8.9	7
42	Lysosomal cholesterol export reconstituted from fragments of Niemann-Pick C1. *ELife*, **2018**, 7,	8.9	16
41	Cholesterol-induced conformational changes in the sterol-sensing domain of the Scap protein suggest feedback mechanism to control cholesterol synthesis. *Journal of Biological Chemistry*, **2017**, 292, 8729-8737	5.4	24
40	Triazoles inhibit cholesterol export from lysosomes by binding to NPC1. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, 89-94	11.5	43
39	Insulin induction of SREBP-1c in rodent liver requires LXR□C/EBP□complex. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 8182-7	11.5	37
38	A century of cholesterol and coronaries: from plaques to genes to statins. *Cell*, **2015**, 161, 161-172	56.2	564
37	Reduced autophagy in livers of fasted, fat-depleted, ghrelin-deficient mice: reversal by growth hormone. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 1226-31	11.5	56
36	Identification of NPC1 as the target of U18666A, an inhibitor of lysosomal cholesterol export and Ebola infection. *ELife*, **2015**, 4,	8.9	184
35	Author response: Identification of NPC1 as the target of U18666A, an inhibitor of lysosomal cholesterol export and Ebola infection **2015**,		4
34	Induced ablation of ghrelin cells in adult mice does not decrease food intake, body weight, or response to high-fat diet. *Cell Metabolism*, **2014**, 20, 54-60	24.6	116
33	Three pools of plasma membrane cholesterol and their relation to cholesterol homeostasis. *ELife*, **2014**, 3,	8.9	192
32	Use of mutant 125I-perfringolysin O to probe transport and organization of cholesterol in membranes of animal cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 10580-5	11.5	92
31	Point mutation in luminal loop 7 of Scap protein blocks interaction with loop 1 and abolishes movement to Golgi. *Journal of Biological Chemistry*, **2013**, 288, 14059-14067	5.4	22

30	Scientific side trips: six excursions from the beaten path. *Journal of Biological Chemistry*, **2012**, 287, 22418-35	5.4	5
29	The SREBP Pathway: Stadtman's Paradigm Applied to Cholesterol. *FASEB Journal*, **2011**, 25, 201.1	0.9	
28	Medicine. HDL miR-ed down by SREBP introns. *Science*, **2010**, 328, 1495-6	33.3	36
27	Cyclodextrin overcomes deficient lysosome-to-endoplasmic reticulum transport of cholesterol in Niemann-Pick type C cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 19316-21	11.5	127
26	Cholesterol feedback: from Schoenheimer's bottle to Scap's MELADL. *Journal of Lipid Research*, **2009**, 50 Suppl, S15-27	6.3	334
25	Structure of N-terminal domain of NPC1 reveals distinct subdomains for binding and transfer of cholesterol. *Cell*, **2009**, 137, 1213-24	56.2	477
24	Cholesterol feedback: A tale of two membrane proteins and two sterol sensors. *FASEB Journal*, **2009**, 23, 95.1	0.9	
23	Cholesterol Feedback: A Tale of Two Membrane Proteins and Two Sterol Sensors.. *FASEB Journal*, **2009**, 23, 95.2	0.9	
22	Selective versus total insulin resistance: a pathogenic paradox. *Cell Metabolism*, **2008**, 7, 95-6	24.6	660
21	Switch-like control of SREBP-2 transport triggered by small changes in ER cholesterol: a delicate balance. *Cell Metabolism*, **2008**, 8, 512-21	24.6	359
20	NPC2 facilitates bidirectional transfer of cholesterol between NPC1 and lipid bilayers, a step in cholesterol egress from lysosomes. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 15287-92	11.5	331
19	Sterol-regulated transport of SREBPs from endoplasmic reticulum to Golgi: oxysterols block transport by binding to Insig. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 6511-8	11.5	416
18	Biomedicine. Lowering LDL--not only how low, but how long?. *Science*, **2006**, 311, 1721-3	33.3	154
17	Molecular medicine. The cholesterol quartet. *Science*, **2001**, 292, 1310-2	33.3	194
16	Presentation of the Kober Medal for 1999 to Jean D. Wilson physician-scientist exemplar. *Proceedings of the Association of American Physicians*, **1999**, 111, 469-79		1
15	The Making of a Physician-Scientist: 2000a. *Annals of the New York Academy of Sciences*, **1999**, 882, 247-256	2.5	5
14	Science over politics. *Science*, **1999**, 283, 1849-50	33.3	2
13	The SREBP pathway: regulation of cholesterol metabolism by proteolysis of a membrane-bound transcription factor. *Cell*, **1997**, 89, 331-40	56.2	2961

12	Response : Battling Heart Disease. *Science*, **1996**, 273, 15-15	33.3	
11	Gene therapy for cholesterol. *Nature Genetics*, **1994**, 7, 349-50	36.3	34
10	SREBP-1, a membrane-bound transcription factor released by sterol-regulated proteolysis. *Cell*, **1994**, 77, 53-62	56.2	863
9	Molecular genetics of the LDL receptor gene in familial hypercholesterolemia. *Human Mutation*, **1992**, 1, 445-66	4.7	919
8	Regulation of the mevalonate pathway. *Nature*, **1990**, 343, 425-30	50.4	4457
7	Acid-dependent ligand dissociation and recycling of LDL receptor mediated by growth factor homology region. *Nature*, **1987**, 326, 760-5	50.4	364
6	A Receptor-Mediated Pathway for Cholesterol Homeostasis (Nobel Lecture). *Angewandte Chemie International Edition in English*, **1986**, 25, 583-602		38
5	Familial hypercholesterolemia: a genetic receptor disease. *Hospital Practice (1995)*, **1985**, 20, 35-41, 45-62.2		9
4	Nucleotide sequence of 3-hydroxy-3-methyl-glutaryl coenzyme A reductase, a glycoprotein of endoplasmic reticulum. *Nature*, **1984**, 308, 613-7	50.4	256
3	Receptor-mediated uptake of lipoprotein-cholesterol and its utilization for steroid synthesis in the adrenal cortex. *Endocrine Reviews*, **1979**, 35, 215-57		94
2	Low density lipoprotein receptors in bovine adrenal cortex. II. Low density lipoprotein binding to membranes prepared from fresh tissue. *Endocrinology*, **1979**, 104, 610-6	4.8	159
1	Binding and Degradation of Low Density Lipoproteins by Cultured Human Fibroblasts. *Journal of Biological Chemistry*, **1974**, 249, 5153-5162	5.4	976