Michael S Brown

List of Publications by Year
in descending order

50 papers	19,647 citations	117625 34 h-index	233421 45 g-index
51 all docs	51 docs citations	51 times ranked	18150 citing authors

#	Article	IF	Citations
1	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, .	7.1	20
2	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.	7.1	84
3	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.	7.1	31
4	Retrospective on Cholesterol Homeostasis: The Central Role of Scap. Annual Review of Biochemistry, 2018, 87, 783-807.	11.1	329
5	BHLHE40, a third transcription factor required for insulin induction of SREBP-1c mRNA in rodent liver. ELife, 2018, 7, .	6.0	18
6	Lysosomal cholesterol export reconstituted from fragments of Niemann-Pick C1. ELife, 2018, 7, .	6.0	29
7	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.	3.4	32
8	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.	7.1	60
9	Insulin induction of SREBP-1c in rodent liver requires LXRÎ±-C/EBPÎ² complex. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 8182-8187.	7.1	57
10	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, 1226-1231.	7.1	68
11	A Century of Cholesterol and Coronaries: From Plaques to Genes to Statins. Cell, 2015, 161, 161-172.	28.9	827
12	Identification of NPC1 as the target of U18666A, an inhibitor of lysosomal cholesterol export and Ebola infection. ELife, 2015, 4, .	6.0	249
13	Three pools of plasma membrane cholesterol and their relation to cholesterol homeostasis. ELife, 2014, 3, .	6.0	281
14	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.	16.2	135
15	Use of mutant ¹²⁵ I-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, 10580-10585.	7.1	108
16	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.	3.4	28
17	Scientific Side Trips: Six Excursions from the Beaten Path. Journal of Biological Chemistry, 2012, 287, 22418-22435.	3.4	6
18	The SREBP Pathway: Stadtman's Paradigm Applied to Cholesterol. FASEB Journal, 2011, 25, 201.1.	0.5	0

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19	HDL <i>miR</i> -ed Down by <i>SREBP</i> Introns. Science, 2010, 328, 1495-1496.	12.6	43
20	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, 19316-19321.	7.1	160
21	Cholesterol feedback: from Schoenheimer's bottle to Scap's MELADL. Journal of Lipid Research, 2009, 50, S15-S27.	4.2	413
22	Structure of N-Terminal Domain of NPC1 Reveals Distinct Subdomains for Binding and Transfer of Cholesterol. Cell, 2009, 137, 1213-1224.	28.9	589
23	Cholesterol feedback: A tale of two membrane proteins and two sterol sensors. FASEB Journal, 2009, 23, 95.1.	0.5	0
24	Cholesterol Feedback: A Tale of Two Membrane Proteins and Two Sterol Sensors.. FASEB Journal, 2009, 23, 95.2.	0.5	0
25	Selective versus Total Insulin Resistance: A Pathogenic Paradox. Cell Metabolism, 2008, 7, 95-96.	16.2	810
26	Switch-like Control of SREBP-2 Transport Triggered by Small Changes in ER Cholesterol: A Delicate Balance. Cell Metabolism, 2008, 8, 512-521.	16.2	464
27	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, 15287-15292.	7.1	402
28	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, 6511-6518.	7.1	492
29	BIOMEDICINE: Lowering LDL--Not Only How Low, But How Long?. Science, 2006, 311, 1721-1723.	12.6	193
30	MOLECULAR MEDICINE: The Cholesterol Quartet. Science, 2001, 292, 1310-1312.	12.6	223
31	Presentation of the Kober Medal for 1999 to Jean D. Wilson Physicianâ€Scientist Exemplar. Proceedings of the Association of American Physicians, 1999, 111, 469-479.	2.0	1
32	The Making of a Physician-Scientist: 2000a. Annals of the New York Academy of Sciences, 1999, 882, 247-256.	3.8	7
33	Science Over Politics. Science, 1999, 283, 1849b-1849.	12.6	3
34	The SREBP Pathway: Regulation of Cholesterol Metabolism by Proteolysis of a Membrane-Bound Transcription Factor. Cell, 1997, 89, 331-340.	28.9	3,353
35	Calcium cages, acid baths and recycling receptors. Nature, 1997, 388, 629-630.	27.8	155
36	<i>Response</i> : Battling Heart Disease. Science, 1996, 273, 15-15.	12.6	0

#	Article	IF	Citations
37	Gene therapy for cholesterol. Nature Genetics, 1994, 7, 349-350.	21.4	41
38	SREBP-1, a membrane-bound transcription factor released by sterol-regulated proteolysis. Cell, 1994, 77, 53-62.	28.9	954
39	Mad Bet for Rab. Nature, 1993, 366, 14-15.	27.8	68
40	Molecular genetics of the LDL receptor gene in familial hypercholesterolemia. Human Mutation, 1992, 1, 445-466.	2.5	1,045
41	Regulation of the mevalonate pathway. Nature, 1990, 343, 425-430.	27.8	4,996
42	Scavenging for receptors. Nature, 1990, 343, 508-509.	27.8	184
43	Acid-dependent ligand dissociation and recycling of LDL receptor mediated by growth factor homology region. Nature, 1987, 326, 760-765.	27.8	407
44	Teaching old dogmas new tricks. Nature, 1987, 330, 113-114.	27.8	236
45	A Receptor-Mediated Pathway for Cholesterol Homeostasis(Nobel Lecture). Angewandte Chemie International Edition in English, 1986, 25, 583-602.	4.4	53
46	Familial Hypercholesterolemia: A Genetic Receptor Disease. Hospital Practice (1995), 1985, 20, 35-46.	1.0	12
47	Nucleotide sequence of 3-hydroxy-3-methyl-glutaryl coenzyme A reductase, a glycoprotein of endoplasmic reticulum. Nature, 1984, 308, 613-617.	27.8	275
48	Receptor-Mediated Uptake of Lipoprotein-Cholesterol and Its Utilization for Steroid Synthesis in the Adrenal Cortex. , 1979, 35, 215-257.		168
49	Low Density Lipoprotein Receptors in Bovine Adrenal Cortex. II. Low Density Lipoprotein Binding to Membranes Prepared from Fresh Tissue*. Endocrinology, 1979, 104, 610-616.	2.8	173
50	Binding and Degradation of Low Density Lipoproteins by Cultured Human Fibroblasts. Journal of Biological Chemistry, 1974, 249, 5153-5162.	3.4	1,360