

Elina Ikonen

List of Publications by Year in descending order

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145
papers

23,387
citations

30070

54
h-index

13379

130
g-index

152
all docs

152
docs citations

152
times ranked

26384
citing authors

#	ARTICLE	IF	CITATIONS
1	Cholesterol transport in the late endocytic pathway: Roles of ORP family proteins. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2022, 216, 106040.	2.5	11
2	Seipin localizes at endoplasmic-reticulum-mitochondria contact sites to control mitochondrial calcium import and metabolism in adipocytes. <i>Cell Reports</i> , 2022, 38, 110213.	6.4	29
3	Multiparametric platform for profiling lipid trafficking in human leukocytes. <i>Cell Reports Methods</i> , 2022, 2, 100166.	2.9	3
4	DGAT1 activity synchronises with mitophagy to protect cells from metabolic rewiring by iron depletion. <i>EMBO Journal</i> , 2022, 41, e109390.	7.8	22
5	Lipid Droplet Nucleation. <i>Trends in Cell Biology</i> , 2021, 31, 108-118.	7.9	88
6	LAPTM4B controls the sphingolipid and ether lipid signature of small extracellular vesicles. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2021, 1866, 158855.	2.4	8
7	Inter- and intra-membrane lipid transport. , 2021, , 457-486.		0
8	Regression plane concept for analysing continuous cellular processes with machine learning. <i>Nature Communications</i> , 2021, 12, 2532.	12.8	8
9	Cholesterol transport between cellular membranes: A balancing act between interconnected lipid fluxes. <i>Developmental Cell</i> , 2021, 56, 1430-1436.	7.0	41
10	ORP2 couples LDL cholesterol transport to FAK activation by endosomal cholesterol/PI(4,5)P ₂ exchange. <i>EMBO Journal</i> , 2021, 40, e106871.	7.8	34
11	Seipin traps triacylglycerols to facilitate their nanoscale clustering in the endoplasmic reticulum membrane. <i>PLoS Biology</i> , 2021, 19, e3000998.	5.6	54
12	Specific subdomain localization of ER resident proteins and membrane contact sites resolved by electron microscopy. <i>European Journal of Cell Biology</i> , 2021, 100, 151180.	3.6	11
13	Desmosterol suppresses macrophage inflammasome activation and protects against vascular inflammation and atherosclerosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	50
14	Annexin A6 modulates TBC1D15/Rab7/StARD3 axis to control endosomal cholesterol export in NPC1 cells. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 2839-2857.	5.4	54
15	Seipin-Mediated Contacts as Gatekeepers of Lipid Flux at the Endoplasmic Reticulum-Lipid Droplet Nexus. <i>Contact (Thousand Oaks (Ventura County, Calif))</i> , 2020, 3, 251525642094582.	1.3	13
16	The cell biology of lipid droplets: More than just a phase. <i>Seminars in Cell and Developmental Biology</i> , 2020, 108, 1-3.	5.0	6
17	Lysosome Associated Protein Transmembrane 4B-24 Is the Predominant Protein Isoform in Human Tissues and Undergoes Rapid, Nutrient-Regulated Turnover. <i>American Journal of Pathology</i> , 2020, 190, 2018-2028.	3.8	5
18	ORP2, a cholesterol transporter, regulates angiogenic signaling in endothelial cells. <i>FASEB Journal</i> , 2020, 34, 14671-14694.	0.5	13

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19	Membrane Curvature Catalyzes Lipid Droplet Assembly. <i>Current Biology</i> , 2020, 30, 2481-2494.e6.	3.9	80
20	Stromal CAVIN1 Controls Prostate Cancer Microenvironment and Metastasis by Modulating Lipid Distribution and Inflammatory Signaling. <i>Molecular Cancer Research</i> , 2020, 18, 1414-1426.	3.4	19
21	High-content imaging and structure-based predictions reveal functional differences between Niemann-Pick C1 variants. <i>Traffic</i> , 2020, 21, 386-397.	2.7	14
22	Lysosomal integral membrane protein-2 (LIMP-2/SCARB2) is involved in lysosomal cholesterol export. <i>Nature Communications</i> , 2019, 10, 3521.	12.8	99
23	Shuttling HDL Cholesterol to the Membrane via Metastable Receptor Multimers. <i>Developmental Cell</i> , 2019, 50, 257-258.	7.0	4
24	HSP70 induces liver X receptor pathway activation and cholesterol reduction in vitro and in vivo. <i>Molecular Metabolism</i> , 2019, 28, 135-143.	6.5	12
25	Machine learning of human plasma lipidomes for obesity estimation in a large population cohort. <i>PLoS Biology</i> , 2019, 17, e3000443.	5.6	51
26	An efficient auxin-inducible degron system with low basal degradation in human cells. <i>Nature Methods</i> , 2019, 16, 866-869.	19.0	117
27	Seipin Facilitates Triglyceride Flow to Lipid Droplet and Counteracts Droplet Ripening via Endoplasmic Reticulum Contact. <i>Developmental Cell</i> , 2019, 50, 478-493.e9.	7.0	149
28	ORP2 interacts with phosphoinositides and controls the subcellular distribution of cholesterol. <i>Biochimie</i> , 2019, 158, 90-101.	2.6	34
29	Moving out but keeping in touch: contacts between endoplasmic reticulum and lipid droplets. <i>Current Opinion in Cell Biology</i> , 2019, 57, 64-70.	5.4	48
30	Human PNPLA3-I148M variant increases hepatic retention of polyunsaturated fatty acids. <i>JCI Insight</i> , 2019, 4, .	5.0	93
31	Mitochondrial biogenesis is transcriptionally repressed in lysosomal lipid storage diseases. <i>ELife</i> , 2019, 8, .	6.0	56
32	Machine learning of human plasma lipidomes for obesity estimation in a large population cohort. , 2019, 17, e3000443.		0
33	Machine learning of human plasma lipidomes for obesity estimation in a large population cohort. , 2019, 17, e3000443.		0
34	Machine learning of human plasma lipidomes for obesity estimation in a large population cohort. , 2019, 17, e3000443.		0
35	Machine learning of human plasma lipidomes for obesity estimation in a large population cohort. , 2019, 17, e3000443.		0
36	Machine learning of human plasma lipidomes for obesity estimation in a large population cohort. , 2019, 17, e3000443.		0

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37	Aster Proteins Facilitate Nonvesicular Plasma Membrane to ER Cholesterol Transport in Mammalian Cells. <i>Cell</i> , 2018, 175, 514-529.e20.	28.9	177
38	Mechanisms of cellular cholesterol compartmentalization: recent insights. <i>Current Opinion in Cell Biology</i> , 2018, 53, 77-83.	5.4	49
39	A Ceramide-Regulated Element in the Late Endosomal Protein LAPT4B Controls Amino Acid Transporter Interaction. <i>ACS Central Science</i> , 2018, 4, 548-558.	11.3	29
40	Association of tamoxifen resistance and lipid reprogramming in breast cancer. <i>BMC Cancer</i> , 2018, 18, 850.	2.6	113
41	OSBP-related protein-2 (ORP2): a novel Akt effector that controls cellular energy metabolism. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 4041-4057.	5.4	27
42	Plant sterols, cholesterol precursors and oxysterols: Minute concentrationsâ€”Major physiological effects. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 169, 4-9.	2.5	23
43	Severe neurodegenerative disease in brothers with homozygous mutation in POLR1A. <i>European Journal of Human Genetics</i> , 2017, 25, 315-323.	2.8	23
44	Introducing inducible fluorescent split cholesterol oxidase to mammalian cells. <i>Journal of Biological Chemistry</i> , 2017, 292, 8811-8822.	3.4	10
45	Sphingolipid metabolic flow controls phosphoinositide turnover at the <i>trans</i> â€”Golgi network. <i>EMBO Journal</i> , 2017, 36, 1736-1754.	7.8	79
46	Role for formin-like 1-dependent acto-myosin assembly in lipid droplet dynamics and lipid storage. <i>Nature Communications</i> , 2017, 8, 14858.	12.8	48
47	The endocytic pathways of a secretory granule membrane protein in HEK293 cells: PAM and EGF traverse a dynamic multivesicular body network together. <i>European Journal of Cell Biology</i> , 2017, 96, 407-417.	3.6	13
48	Concerted regulation of npc2 binding to endosomal/lysosomal membranes by bis(monoacylglycero)phosphate and sphingomyelin. <i>PLoS Computational Biology</i> , 2017, 13, e1005831.	3.2	27
49	Continuous Grading of Early Fibrosis in NAFLD Using Label-Free Imaging: A Proof-of-Concept Study. <i>PLoS ONE</i> , 2016, 11, e0147804.	2.5	34
50	Language-Agnostic Reproducible Data Analysis Using Literate Programming. <i>PLoS ONE</i> , 2016, 11, e0164023.	2.5	1
51	LDLâ€”cholesterol transport to the endoplasmic reticulum. <i>Current Opinion in Lipidology</i> , 2016, 27, 282-287.	2.7	61
52	<i>Trim37</i>-deficient mice recapitulate several features of the multi-organ disorder Mulibrey nanism. <i>Biology Open</i> , 2016, 5, 584-595.	1.2	19
53	Seipin regulates <sc>ER</sc>â€”lipid droplet contacts and cargo delivery. <i>EMBO Journal</i> , 2016, 35, 2699-2716.	7.8	258
54	A loss-of-function variant in OSBPL1A predisposes to low plasma HDL cholesterol levels and impaired cholesterol efflux capacity. <i>Atherosclerosis</i> , 2016, 249, 140-147.	0.8	28

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55	Use of BODIPY-cholesterol (TF-cholesterol) for Visualizing Lysosomal Cholesterol Accumulation. <i>Traffic</i> , 2016, 17, 1054-1057.	2.7	28
56	Lipoprotein-mediated delivery of BODIPY-labeled sterol and sphingolipid analogs reveals lipid transport mechanisms in mammalian cells. <i>Chemistry and Physics of Lipids</i> , 2016, 194, 29-36.	3.2	8
57	Lipid transport takes the "omics" highway. <i>Current Opinion in Lipidology</i> , 2015, 26, 348-349.	2.7	0
58	D38-cholesterol as a Raman active probe for imaging intracellular cholesterol storage. <i>Journal of Biomedical Optics</i> , 2015, 21, 061003.	2.6	61
59	Elevated Levels of StAR-Related Lipid Transfer Protein 3 Alter Cholesterol Balance and Adhesiveness of Breast Cancer Cells. <i>American Journal of Pathology</i> , 2015, 185, 987-1000.	3.8	68
60	The impact of low-frequency and rare variants on lipid levels. <i>Nature Genetics</i> , 2015, 47, 589-597.	21.4	310
61	LAPTM4B facilitates late endosomal ceramide export to control cell death pathways. <i>Nature Chemical Biology</i> , 2015, 11, 799-806.	8.0	49
62	Deuterated Cholesterol Uptake Revealed With Stimulated Raman Microscopy. , 2015, , .		0
63	Enzymatic Oxidation of Cholesterol: Properties and Functional Effects of Cholestenone in Cell Membranes. <i>PLoS ONE</i> , 2014, 9, e103743.	2.5	50
64	Polarized THG Microscopy Identifies Compositionally Different Lipid Droplets in Mammalian Cells. <i>Biophysical Journal</i> , 2014, 107, 2230-2236.	0.5	31
65	PNPLA3 mediates hepatocyte triacylglycerol remodeling. <i>Journal of Lipid Research</i> , 2014, 55, 739-746.	4.2	96
66	Cholesterol precursors. <i>Current Opinion in Lipidology</i> , 2014, 25, 133-139.	2.7	37
67	Amyloid precursor protein β - and γ -cleaved ectodomains exert opposing control of cholesterol homeostasis via SREBP2. <i>FASEB Journal</i> , 2014, 28, 849-860.	0.5	20
68	LDL Cholesterol Recycles to the Plasma Membrane via a Rab8a-Myosin5b-Actin-Dependent Membrane Transport Route. <i>Developmental Cell</i> , 2013, 27, 249-262.	7.0	92
69	What dictates the accumulation of desmosterol in the developing brain?. <i>FASEB Journal</i> , 2013, 27, 865-870.	0.5	33
70	Desmosterol and DHCR24: Unexpected new directions for a terminal step in cholesterol synthesis. <i>Progress in Lipid Research</i> , 2013, 52, 666-680.	11.6	101
71	NDRG1 functions in LDL receptor trafficking by regulating endosomal recycling and degradation. <i>Journal of Cell Science</i> , 2013, 126, 3961-71.	2.0	64
72	Alleviation of seipinopathy-related ER stress by triglyceride storage. <i>Human Molecular Genetics</i> , 2013, 22, 1157-1166.	2.9	36

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73	Cholesterol Dependence of Collagen and Echovirus 1 Trafficking along the Novel $\alpha 2 \beta 1$ Integrin Internalization Pathway. <i>PLoS ONE</i> , 2013, 8, e55465.	2.5	15
74	Lipid-protein interactions. <i>Current Opinion in Lipidology</i> , 2012, 23, 581-583.	2.7	1
75	Endosomal Actin Remodeling by Coronin-1A Controls Lipoprotein Uptake and Degradation in Macrophages. <i>Circulation Research</i> , 2012, 110, 450-455.	4.5	20
76	Fatty Acyl Esterification and Deesterification of 17β -Estradiol in Human Breast Subcutaneous Adipose Tissue. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 3349-3356.	3.6	15
77	ORP10, a cholesterol binding protein associated with microtubules, regulates apolipoprotein B-100 secretion. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2012, 1821, 1472-1484.	2.4	30
78	Tracking Sphingosine Metabolism and Transport in Sphingolipidoses: NPC1 Deficiency as a Test Case. <i>Traffic</i> , 2012, 13, 1234-1243.	2.7	24
79	Cln5-deficiency in mice leads to microglial activation, defective myelination and changes in lipid metabolism. <i>Neurobiology of Disease</i> , 2012, 46, 19-29.	4.4	43
80	Pinkbar is an epithelial-specific BAR domain protein that generates planar membrane structures. <i>Nature Structural and Molecular Biology</i> , 2011, 18, 902-907.	8.2	84
81	A Hexanucleotide Repeat Expansion in C9ORF72 Is the Cause of Chromosome 9p21-Linked ALS-FTD. <i>Neuron</i> , 2011, 72, 257-268.	8.1	3,833
82	Role of ORPs in Sterol Transport from Plasma Membrane to ER and Lipid Droplets in Mammalian Cells. <i>Traffic</i> , 2011, 12, 218-231.	2.7	91
83	Role for LAMP-2 in endosomal cholesterol transport. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 280-295.	3.6	70
84	Sterol binding by OSBP-related protein 1L regulates late endosome motility and function. <i>Cellular and Molecular Life Sciences</i> , 2011, 68, 537-551.	5.4	87
85	Cytoplasmic oxysterol-binding proteins: sterol sensors or transporters?. <i>Chemistry and Physics of Lipids</i> , 2011, 164, 443-450.	3.2	39
86	Lipid droplet biogenesis. <i>Current Opinion in Lipidology</i> , 2011, 22, 505-506.	2.7	4
87	Synthesis and Biosynthetic Trafficking of Membrane Lipids. <i>Cold Spring Harbor Perspectives in Biology</i> , 2011, 3, a004713-a004713.	5.5	74
88	Genetics and molecular biology: brain cholesterol balance "not such a closed circuit after all. <i>Current Opinion in Lipidology</i> , 2010, 21, 93-94.	2.7	2
89	Murine cathepsin D deficiency is associated with dysmyelination/myelin disruption and accumulation of cholesteryl esters in the brain. <i>Journal of Neurochemistry</i> , 2010, 112, 193-203.	3.9	28
90	FTY720 Stimulates 27-Hydroxycholesterol Production and Confers Atheroprotective Effects in Human Primary Macrophages. <i>Circulation Research</i> , 2010, 106, 720-729.	4.5	50

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91	Zebrafish: gaining popularity in lipid research. <i>Biochemical Journal</i> , 2010, 429, 235-242.	3.7	162
92	Niemann-Pick C1 Modulates Hepatic Triglyceride Metabolism and Its Genetic Variation Contributes to Serum Triglyceride Levels. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 1614-1620.	2.4	17
93	Rab8 Regulates ABCA1 Cell Surface Expression and Facilitates Cholesterol Efflux in Primary Human Macrophages. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 883-888.	2.4	37
94	Genetics and molecular biology: identifying adipocytes and their origin. <i>Current Opinion in Lipidology</i> , 2009, 20, 75-76.	2.7	0
95	BODIPY-cholesterol: A New Tool to Visualize Sterol Trafficking in Living Cells and Organisms. <i>Traffic</i> , 2008, 9, 1839-1849.	2.7	221
96	Cellular cholesterol trafficking and compartmentalization. <i>Nature Reviews Molecular Cell Biology</i> , 2008, 9, 125-138.	37.0	1,162
97	Cellular sterol trafficking and metabolism: spotlight on structure. <i>Current Opinion in Cell Biology</i> , 2008, 20, 371-377.	5.4	23
98	Comparison of cholesterol and its direct precursors along the biosynthetic pathway: Effects of cholesterol, desmosterol and 7-dehydrocholesterol on saturated and unsaturated lipid bilayers. <i>Journal of Chemical Physics</i> , 2008, 129, 154508.	3.0	42
99	Cholesterol Substitution Increases the Structural Heterogeneity of Caveolae. <i>Journal of Biological Chemistry</i> , 2008, 283, 14610-14618.	3.4	41
100	Role of lysosomal acid lipase in the intracellular metabolism of LDL-transported dehydroepiandrosterone-fatty acyl esters. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008, 295, E1455-E1461.	3.5	11
101	Preface to the proceedings of the Satellite Symposium of the EAS 76th Congress and the XVth Paavo Nurmi Symposium. <i>Annals of Medicine</i> , 2008, 40, 4-4.	3.8	1
102	Genetics and molecular biology: a cholesterol-lowering drug with antibacterial properties. <i>Current Opinion in Lipidology</i> , 2008, 19, 324-325.	2.7	0
103	Endocytic Trafficking of Sphingomyelin Depends on Its Acyl Chain Length. <i>Molecular Biology of the Cell</i> , 2007, 18, 5113-5123.	2.1	65
104	Rab8-dependent Recycling Promotes Endosomal Cholesterol Removal in Normal and Sphingolipidosis Cells. <i>Molecular Biology of the Cell</i> , 2007, 18, 47-56.	2.1	89
105	Palmitoyl protein thioesterase 1 (Ppt1)-deficient mouse neurons show alterations in cholesterol metabolism and calcium homeostasis prior to synaptic dysfunction. <i>Neurobiology of Disease</i> , 2007, 28, 52-64.	4.4	42
106	The CCHCR1 (HCR) gene is relevant for skin steroidogenesis and downregulated in cultured psoriatic keratinocytes. <i>Journal of Molecular Medicine</i> , 2007, 85, 589-601.	3.9	49
107	Significance of Sterol Structural Specificity. <i>Journal of Biological Chemistry</i> , 2006, 281, 348-355.	3.4	121
108	Mechanisms for Cellular Cholesterol Transport: Defects and Human Disease. <i>Physiological Reviews</i> , 2006, 86, 1237-1261.	28.8	185

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109	When intracellular logistics fails - genetic defects in membrane trafficking. <i>Journal of Cell Science</i> , 2006, 119, 5031-5045.	2.0	60
110	Overexpression of OSBP-related protein 2 (ORP2) induces changes in cellular cholesterol metabolism and enhances endocytosis. <i>Biochemical Journal</i> , 2005, 390, 273-283.	3.7	77
111	Genetics and molecular biology. <i>Current Opinion in Lipidology</i> , 2005, 16, 695-697.	2.7	0
112	Defective insulin receptor activation and altered lipid rafts in Niemann-Pick type C disease hepatocytes. <i>Biochemical Journal</i> , 2005, 391, 465-472.	3.7	61
113	MLN64 Is Involved in Actin-mediated Dynamics of Late Endocytic Organelles. <i>Molecular Biology of the Cell</i> , 2005, 16, 3873-3886.	2.1	71
114	Lipid Microdomains and Insulin Resistance: Is There a Connection?. <i>Science Signaling</i> , 2005, 2005, pe3-pe3.	3.6	44
115	Secretion of Sterols and the NPC2 Protein from Primary Astrocytes. <i>Journal of Biological Chemistry</i> , 2004, 279, 48654-48662.	3.4	44
116	Cellular pathology of Niemann-Pick type C disease. <i>Seminars in Cell and Developmental Biology</i> , 2004, 15, 445-454.	5.0	89
117	Defective endocytic trafficking of NPC1 and NPC2 underlying infantile Niemann-Pick type C disease. <i>Human Molecular Genetics</i> , 2003, 12, 257-272.	2.9	86
118	Macrophage cholesterol transport: a critical player in foam cell formation. <i>Annals of Medicine</i> , 2003, 35, 146-155.	3.8	67
119	Differential Mobilization of Newly Synthesized Cholesterol and Biosynthetic Sterol Precursors from Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 19844-19851.	3.4	39
120	Genetics and molecular biology. <i>Current Opinion in Lipidology</i> , 2003, 14, 219-221.	2.7	0
121	Modulation of Cellular Cholesterol Transport and Homeostasis by Rab11. <i>Molecular Biology of the Cell</i> , 2002, 13, 3107-3122.	2.1	118
122	Genetics and molecular biology. <i>Current Opinion in Lipidology</i> , 2002, 13, 441-443.	2.7	0
123	Cognitive deficit and development of motor impairment in a mouse model of Niemann-Pick type C disease. <i>Behavioural Brain Research</i> , 2002, 132, 1-10.	2.2	110
124	Dynamic association of human insulin receptor with lipid rafts in cells lacking caveolae. <i>EMBO Reports</i> , 2002, 3, 95-100.	4.5	155
125	ORP2, a homolog of oxysterol binding protein, regulates cellular cholesterol metabolism. <i>Journal of Lipid Research</i> , 2002, 43, 245-255.	4.2	71
126	ORP2, a homolog of oxysterol binding protein, regulates cellular cholesterol metabolism. <i>Journal of Lipid Research</i> , 2002, 43, 245-55.	4.2	52

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127	Roles of lipid rafts in membrane transport. <i>Current Opinion in Cell Biology</i> , 2001, 13, 470-477.	5.4	587
128	A Caveolin Dominant Negative Mutant Associates with Lipid Bodies and Induces Intracellular Cholesterol Imbalance. <i>Journal of Cell Biology</i> , 2001, 152, 1057-1070.	5.2	294
129	The OSBP-related protein family in humans. <i>Journal of Lipid Research</i> , 2001, 42, 1203-1213.	4.2	177
130	Caveolins and Cellular Cholesterol Balance. <i>Traffic</i> , 2000, 1, 212-217.	2.7	122
131	Role of Cholesterol in Developing T-Tubules: Analogous Mechanisms for T-Tubule and Caveolae Biogenesis. <i>Traffic</i> , 2000, 1, 326-341.	2.7	94
132	Mobilization of late-endosomal cholesterol is inhibited by Rab guanine nucleotide dissociation inhibitor. <i>Current Biology</i> , 2000, 10, 95-98.	3.9	56
133	How Cells Handle Cholesterol. <i>Science</i> , 2000, 290, 1721-1726.	12.6	1,118
134	Genetic Defects of Intracellular-Membrane Transport. <i>New England Journal of Medicine</i> , 2000, 343, 1095-1104.	27.0	63
135	Protein and lipid sorting from the trans-Golgi network to the plasma membrane in polarized cells. <i>Seminars in Cell and Developmental Biology</i> , 1998, 9, 503-509.	5.0	164
136	Genetics and molecular biology. <i>Current Opinion in Lipidology</i> , 1998, 9, 169-170.	2.7	0
137	Molecular mechanisms of intracellular cholesterol transport. <i>Current Opinion in Lipidology</i> , 1997, 8, 60-64.	2.7	22
138	Functional rafts in cell membranes. <i>Nature</i> , 1997, 387, 569-572.	27.8	8,942
139	Different requirements for NSF, SNAP, and Rab proteins in apical and basolateral transport in MDCK cells. <i>Cell</i> , 1995, 81, 571-580.	28.9	235
140	Prohibitin, an antiproliferative protein, is localized to mitochondria. <i>FEBS Letters</i> , 1995, 358, 273-277.	2.8	163
141	Transcytosis of the polymeric immunoglobulin receptor in cultured hippocampal neurons. <i>Current Biology</i> , 1993, 3, 635-644.	3.9	32
142	Applications of PCR in the Diseases of Genetic Isolates. <i>Annals of Medicine</i> , 1992, 24, 191-194.	3.8	0
143	Huntington disease in Finland: a molecular and genealogical study. <i>Human Genetics</i> , 1992, 89, 275-80.	3.8	7
144	Mutations causing aspartylglucosaminuria (AGU): A lysosomal accumulation disease. <i>Human Mutation</i> , 1992, 1, 361-365.	2.5	11

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145	In vitro mutagenesis helps to unravel the biological consequences of aspartylglucosaminuria mutation. <i>Genomics</i> , 1991, 11, 206-211.	2.9	42