Fred Maxfield

List of Publications by Year
in descending order

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266	32,310	2802 94	4432 172
papers	citations	h-index	g-index

299	299	299	24355
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Phosphatidylinositol Phosphates Modulate Interactions between the StarD4 Sterol Trafficking Protein and Lipid Membranes. Journal of Biological Chemistry, 2022, , 102058.	3.4	9
2	Cholesterol and matrisome pathways dysregulated in astrocytes and microglia. Cell, 2022, 185, 2213-2233.e25.	28.9	123
3	Elevated levels of tripeptidyl peptidase 1 do not ameliorate pathogenesis in a mouse model of Alzheimer disease. Neurobiology of Aging, 2022, 118, 106-107.	3.1	1
4	Inhibition of Histone Deacetylases 1, 2, and 3 Enhances Clearance of Cholesterol Accumulation in Niemann-Pick C1 Fibroblasts. ACS Pharmacology and Translational Science, 2021, 4, 1136-1148.	4.9	5
5	HSP90 inhibitors reduce cholesterol storage in Niemann-Pick type C1 mutant fibroblasts. Journal of Lipid Research, 2021, 62, 100114.	4.2	6
6	Abstract MP49: Macrophage-mediated Extracellular Digestive Exophagy Of Aggregated LDL Is Responsible For The Formation Of Cholesterol Crystals In Atherosclerotic Plaques. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, .	2.4	0
7	TLR4 (Toll-Like Receptor 4)-Dependent Signaling Drives Extracellular Catabolism of LDL (Low-Density) Tj ETQq1 1 0.784314 rgBT /Ove	2.4	60
8	Digestive exophagy: Phagocyte digestion of objects too large for phagocytosis. Traffic, 2020, 21, 6-12.	2.7	18
9	Human gliaâ€specific functional dysregulations affected by APOE Îµ4 risk of Alzheimer's disease. Alzheimer's and Dementia, 2020, 16, e040543.	0.8	0
10	A role of the frontotemporal lobar degeneration risk factor TMEM106B in myelination. Brain, 2020, 143, 2255-2271.	7.6	30
11	Stable reduction of STARD4 alters cholesterol regulation and lipid homeostasis. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2020, 1865, 158609.	2.4	14
12	2-Hydroxypropyl-Î²-cyclodextrin is the active component in a triple combination formulation for treatment of Niemann-Pick C1 disease. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2019, 1864, 1545-1561.	2.4	19
13	High-density lipoprotein or cyclodextrin extraction of cholesterol from aggregated LDL reduces foam cell formation. Journal of Cell Science, 2019, 132, .	2.0	9
14	Dynamic Actin Reorganization and Vav/Cdc42-Dependent Actin Polymerization Promote Macrophage Aggregated LDL (Low-Density Lipoprotein) Uptake and Catabolism. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 137-149.	2.4	25
15	Targeting Molecular Chaperone HSP90 To Treat Niemannâ€Pick Type C1 Disease. FASEB Journal, 2019, 33, 490.11.	0.5	2
16	Lysosomal enzyme tripeptidyl peptidase 1 destabilizes fibrillar AÎ² by multiple endoproteolytic cleavages within the Î²-sheet domain. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 1493-1498.	7.1	33
17	Progranulin in the hematopoietic compartment protects mice from atherosclerosis. Atherosclerosis, 2018, 277, 145-154.	0.8	20
18	A Novel Neuroprotective Mechanism for Lithium That Prevents Association of the p75^{NTR}-Sortilin Receptor Complex and Attenuates proNGF-Induced Neuronal DeathIn VitroandIn Vivo. ENeuro, 2018, 5, ENEURO.0257-17.2017.	1.9	16

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19	Comment on â€˜Orthogonal lipid sensors identify transbilayer asymmetry of plasma membrane cholesterolâ€™. ELife, 2018, 7, .	6.0	30
20	Targeting molecular chaperone HSP90 to treat Niemannâ€Pick type C1 disease. FASEB Journal, 2018, 32, 814.7.	0.5	0
21	Histone deacetylase inhibitors correct the cholesterol storage defect in most Niemann-Pick C1 mutant cells. Journal of Lipid Research, 2017, 58, 695-708.	4.2	50
22	Role of STARD4 in sterol transport between the endocytic recycling compartment and the plasma membrane. Molecular Biology of the Cell, 2017, 28, 1111-1122.	2.1	38
23	Colonic organoids derived from human induced pluripotent stem cells for modeling colorectal cancer and drug testing. Nature Medicine, 2017, 23, 878-884.	30.7	285
24	Mitochondrial Fission Promotes the Continued Clearance of Apoptotic Cells by Macrophages. Cell, 2017, 171, 331-345.e22.	28.9	249
25	Metabolically Activated Adipose Tissue Macrophages Perform Detrimental and Beneficial Functions during Diet-Induced Obesity. Cell Reports, 2017, 20, 3149-3161.	6.4	201
26	A Carbon Nanotube Optical Reporter Maps Endolysosomal Lipid Flux. ACS Nano, 2017, 11, 10689-10703.	14.6	84
27	Ceramide activation of RhoA/Rho kinase impairs actin polymerization during aggregated LDL catabolism. Journal of Lipid Research, 2017, 58, 1977-1987.	4.2	17
28	Membrane dynamics and organelle biogenesisâ€”lipid pipelines and vesicular carriers. BMC Biology, 2017, 15, 102.	3.8	63
29	Membrane order in the plasma membrane and endocytic recycling compartment. PLoS ONE, 2017, 12, e0188041.	2.5	20
30	Exocytosis of macrophage lysosomes leads to digestion of apoptotic adipocytes and foam cell formation. Journal of Lipid Research, 2016, 57, 980-992.	4.2	86
31	Degradation of aggregated LDL occurs in complex extracellular sub-compartments of the lysosomal synapse. Journal of Cell Science, 2016, 129, 1072-82.	2.0	27
32	The endocytic pathway in microglia during health, aging and Alzheimerâ€™s disease. Ageing Research Reviews, 2016, 32, 89-103.	10.9	93
33	Therapeutic targeting of oxygen-sensing prolyl hydroxylases abrogates ATF4-dependent neuronal death and improves outcomes after brain hemorrhage in several rodent models. Science Translational Medicine, 2016, 8, 328ra29.	12.4	106
34	Role of STARD4 and NPC1 in intracellular sterol transport. Biochemistry and Cell Biology, 2016, 94, 499-506.	2.0	25
35	Intramembrane and Intermembrane Lipid Transport. , 2016, , 415-436.		3
36	Cholesterol trafficking and distribution. Essays in Biochemistry, 2015, 57, 43-55.	4.7	61

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37	STARD4 Membrane Interactions and Sterol Binding. Biochemistry, 2015, 54, 4623-4636.	2.5	52
38	A Murine Niemann-Pick C1 I1061T Knock-In Model Recapitulates the Pathological Features of the Most Prevalent Human Disease Allele. Journal of Neuroscience, 2015, 35, 8091-8106.	3.6	97
39	Monocyte-Derived Dendritic Cells Upregulate Extracellular Catabolism of Aggregated Low-Density Lipoprotein on Maturation, Leading to Foam Cell Formation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 2092-2103.	2.4	28
40	A novel intrinsically fluorescent probe for study of uptake and trafficking of 25-hydroxycholesterol. Journal of Lipid Research, 2015, 56, 2408-2419.	4.2	11
41	Optimization of 1,2,5â€Thiadiazole Carbamates as Potent and Selective ABHD6 Inhibitors. ChemMedChem, 2015, 10, 253-265.	3.2	29
42	Phosphatidylinositol Phosphates Modulate STARD4 Sterol Transfer between Membranes. FASEB Journal, 2015, 29, 715.9.	0.5	0
43	Beta cyclodextrins bind, stabilize, and remove lipofuscin bisretinoids from retinal pigment epithelium. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E1402-8.	7.1	52
44	Role of Endosomes and Lysosomes in Human Disease. Cold Spring Harbor Perspectives in Biology, 2014, 6, a016931-a016931.	5.5	93
45	Steroidogenic Acute Regulatory Protein-related Lipid Transfer (START) Proteins in Non-vesicular Cholesterol Transport. , 2014, , 173-188.		8
46	Treatment of Niemannâ€“Pick Type C Disease by Histone Deacetylase Inhibitors. Neurotherapeutics, 2013, 10, 688-697.	4.4	49
47	Sphingosine Kinases Are Not Required for Inflammatory Responses in Macrophages. Journal of Biological Chemistry, 2013, 288, 32563-32573.	3.4	65
48	Plasmin Promotes Foam Cell Formation by Increasing Macrophage Catabolism of Aggregated Low-Density Lipoprotein. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 1768-1778.	2.4	14
49	TLR4 Signaling Regulates Lysosome Exocytosis to a Novel Extracellular Compartment. FASEB Journal, 2013, 27, 591.3.	0.5	1
50	Multiphoton Microscopy in the Evaluation of Human Bladder Biopsies. Archives of Pathology and Laboratory Medicine, 2012, 136, 517-526.	2.5	55
51	Analysis of Cholesterol Trafficking with Fluorescent Probes. Methods in Cell Biology, 2012, 108, 367-393.	1.1	203
52	STARD4 knockdown in HepG2 cells disrupts cholesterol trafficking associated with the plasma membrane, ER, and ERC. Journal of Lipid Research, 2012, 53, 2716-2725.	4.2	37
53	Quantitative Analysis of Monocyte Subpopulations in Murine Atherosclerotic Plaques by Multiphoton Microscopy. PLoS ONE, 2012, 7, e44823.	2.5	23
54	Efficiency of Immunotoxin Cytotoxicity Is Modulated by the Intracellular Itinerary. PLoS ONE, 2012, 7, e47320.	2.5	12

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55	Histone deacetylase inhibitor treatment dramatically reduces cholesterol accumulation in Niemann-Pick type C1 mutant human fibroblasts. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 5620-5625.	7.1	175
56	Multiphoton microscopy for structure identification in human prostate and periprostatic tissue: implications in prostate cancer surgery. BJU International, 2011, 108, 1421-1429.	2.5	59
57	Niemannâ€Pick type C disease: molecular mechanisms and potential therapeutic approaches. Journal of Neurochemistry, 2011, 116, 789-795.	3.9	205
58	Deletion of ABCA1 and ABCG1 Impairs Macrophage Migration Because of Increased Rac1 Signaling. Circulation Research, 2011, 108, 194-200.	4.5	88
59	STARD4 abundance regulates sterol transport and sensing. Molecular Biology of the Cell, 2011, 22, 4004-4015.	2.1	108
60	Degradation of Alzheimer's amyloid fibrils by microglia requires delivery of ClC-7 to lysosomes. Molecular Biology of the Cell, 2011, 22, 1664-1676.	2.1	86
61	Cholesterol, the central lipid of mammalian cells. Current Opinion in Cell Biology, 2010, 22, 422-429.	5.4	306
62	Development of a novel, cellâ€based chemical screen to identify inhibitors of intraphagosomal lipolysis in macrophages. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2010, 77A, 751-760.	1.5	11
63	Improvement in Lipid and Protein Trafficking in Niemann-Pick C1 Cells by Correction of a Secondary Enzyme Defect. Traffic, 2010, 11, 601-615.	2.7	68
64	Cholesterol Pathways Affected by Small Molecules That Decrease Sterol Levels in Niemann-Pick Type C Mutant Cells. PLoS ONE, 2010, 5, e12788.	2.5	14
65	Endocytosis of beta-cyclodextrins is responsible for cholesterol reduction in Niemann-Pick type C mutant cells. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 5477-5482.	7.1	229
66	1345 AUTOFLUORESCENCE MICROSCOPY OF PERIPROSTATIC LYMPHATIC TISSUE AND CORRELATION WITH CONVENTIONAL HISTOPATHOLOGY IMAGING. Journal of Urology, 2010, 183, .	0.4	0
67	2143 REAL TIME DELINEATION PROSTATIC ARCHITECTURE USING ROBO-MICROSCOPY PROJECT TWO PHOTON LASER EXCITATION IMAGING IN VISUALIZATION OF HUMAN PROSTATIC TISSUE. Journal of Urology, 2010, 183, .	0.4	0
68	1444 PERI PROSTATIC NERVE MAPPING: UTILITY OF REAL TIME 780-NM LASER EXCITATION IMAGING IN VISUALIZATION OF HUMAN CAVERNOUS NERVES. Journal of Urology, 2010, 183, .	0.4	0
69	Thiadiazole Carbamates: Potent Inhibitors of Lysosomal Acid Lipase and Potential Niemannâ"Pick Type C Disease Therapeutics. Journal of Medicinal Chemistry, 2010, 53, 5281-5289.	6.4	75
70	Macrophages Create an Acidic Extracellular Hydrolytic Compartment to Digest Aggregated Lipoproteins. Molecular Biology of the Cell, 2009, 20, 4932-4940.	2.1	104
71	Multiphoton Microscopy of Prostate and Periprostatic Neural Tissue: A Promising Imaging Technique for Improving Nerve-Sparing Prostatectomy. Journal of Endourology, 2009, 23, 861-867.	2.1	56
72	Human bladder cancer diagnosis using multiphoton microscopy. , 2009, 7161, .		32

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73	Sterols Are Mainly in the Cytoplasmic Leaflet of the Plasma Membrane and the Endocytic Recycling Compartment in CHO Cells. Molecular Biology of the Cell, 2009, 20, 581-588.	2.1	173
74	Aggregated LDL in Contact With Macrophages Induces Local Increases in Free Cholesterol Levels That Regulate Local Actin Polymerization. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 1615-1621.	2.4	43
75	Investigation of N-Aryl-3-alkylidenepyrrolinones as Potential Niemannâ^'Pick Type C Disease Therapeutics. Journal of Medicinal Chemistry, 2009, 52, 6494-6498.	6.4	29
76	Intracellular sterol dynamics. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2009, 1791, 636-645.	2.4	210
77	Chemical screen to reduce sterol accumulation in Niemannâ€“Pick C disease cells identifies novel lysosomal acid lipase inhibitors. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2009, 1791, 1155-1165.	2.4	50
78	Degradation of fibrillar forms of Alzheimer's amyloid Î²-peptide by macrophages. Neurobiology of Aging, 2008, 29, 707-715.	3.1	79
79	SMS overexpression and knockdown: impact on cellular sphingomyelin and diacylglycerol metabolism, and cell apoptosis. Journal of Lipid Research, 2008, 49, 376-385.	4.2	88
80	Presecretory oxidation, aggregation, and autophagic destruction of apoprotein-B: A pathway for late-stage quality control. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 5862-5867.	7.1	113
81	(-)-Epigallocatechin gallate causes internalization of the epidermal growth factor receptor in human colon cancer cells. Carcinogenesis, 2008, 29, 1986-1993.	2.8	79
82	Activation of Microglia Acidifies Lysosomes and Leads to Degradation of Alzheimer Amyloid Fibrils. Molecular Biology of the Cell, 2007, 18, 1490-1496.	2.1	212
83	The Inhibitory Effect of (â^')-Epigallocatechin Gallate on Activation of the Epidermal Growth Factor Receptor Is Associated with Altered Lipid Order in HT29 Colon Cancer Cells. Cancer Research, 2007, 67, 6493-6501.	0.9	189
84	Elevated Cholesterol Levels in the Plasma Membranes of Macrophages Inhibit Migration by Disrupting RhoA Regulation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 1596-1602.	2.4	54
85	Sterol, Protein and Lipid Trafficking in Chinese Hamster Ovary Cells with Niemann-Pick Type C1 Defect. Traffic, 2007, 8, 130-141.	2.7	56
86	Role of an Acidic Cluster/Dileucine Motif in Cation-Independent Mannose 6-Phosphate Receptor Traffic. Traffic, 2007, 8, 402-413.	2.7	22
87	Sterol and lipid trafficking in mammalian cells. Biochemical Society Transactions, 2006, 34, 335-339.	3.4	98
88	Intracellular sterol transport and distribution. Current Opinion in Cell Biology, 2006, 18, 379-385.	5.4	120
89	Endocytic Recycling Compartments Altered in Cisplatin-Resistant Cancer Cells. Cancer Research, 2006, 66, 2346-2353.	0.9	53
90	Elevated Plasma Membrane Cholesterol Content Alters Macrophage Signaling and Function. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, 372-378.	2.4	89

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91	Parallel Analysis of v-Src Mutant Protein Function Using Reverse Transfection Cell Arrays. Combinatorial Chemistry and High Throughput Screening, 2006, 9, 711-718.	1.1	7
92	Automated microscopy screening for compounds that partially revert cholesterol accumulation in Niemann-Pick C cells. Journal of Lipid Research, 2006, 47, 284-301.	4.2	74
93	Modeling the structure of the StART domains of MLN64 and StAR proteins in complex with cholesterol. Journal of Lipid Research, 2006, 47, 2614-2630.	4.2	101
94	Role of cholesterol and lipid organization in disease. Nature, 2005, 438, 612-621.	27.8	1,102
95	Direct Observation of Rapid Internalization and Intracellular Transport of Sterol by Macrophage Foam Cells. Traffic, 2005, 6, 396-412.	2.7	88
96	Role of Cytoplasmic Domain Serines in Intracellular Trafficking of Furin. Molecular Biology of the Cell, 2004, 15, 2884-2894.	2.1	36
97	Effects of Cholesterol Depletion and Increased Lipid Unsaturation on the Properties of Endocytic Membranes. Journal of Biological Chemistry, 2004, 279, 14171-14178.	3.4	94
98	Endocytosed Cation-Independent Mannose 6-Phosphate Receptor Traffics via the Endocytic Recycling Compartment en Route to the trans-Golgi Network and a Subpopulation of Late Endosomes. Molecular Biology of the Cell, 2004, 15, 721-733.	2.1	109
99	Enrichment of Endoplasmic Reticulum with Cholesterol Inhibits Sarcoplasmic-Endoplasmic Reticulum Calcium ATPase-2b Activity in Parallel with Increased Order of Membrane Lipids. Journal of Biological Chemistry, 2004, 279, 37030-37039.	3.4	244
100	Fluorescence imaging in living animals. Focus on â€œUptake and trafficking of fluorescent conjugates of folic acid in intact kidney determined using intravital two-photon microscopyâ€• American Journal of Physiology - Cell Physiology, 2004, 287, C257-C259.	4.6	8
101	Endocytic recycling. Nature Reviews Molecular Cell Biology, 2004, 5, 121-132.	37.0	1,657
102	Different transport routes for high density lipoprotein and its associated free sterol in polarized hepatic cells. Journal of Lipid Research, 2004, 45, 427-437.	4.2	72
103	MEMBRANE DOMAINS. Annual Review of Cell and Developmental Biology, 2004, 20, 839-866.	9.4	381
104	Lipid and cholesterol trafficking in NPC. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2004, 1685, 28-37.	2.4	167
105	Oxalic acid alters intracellular calcium in endothelial cells. Atherosclerosis, 2004, 173, 319-326.	0.8	34
106	Targeted recycling of PECAM from endothelial surface-connected compartments during diapedesis. Nature, 2003, 421, 748-753.	27.8	289
107	Optical Microscopyâ€“Based Migration Assay for Human Neutrophils. Current Protocols in Cell Biology, 2003, 17, Unit 12.6.	2.3	1
108	Stearoyl-CoA Desaturase Inhibits ATP-binding Cassette Transporter A1-mediated Cholesterol Efflux and Modulates Membrane Domain Structure. Journal of Biological Chemistry, 2003, 278, 5813-5820.	3.4	113

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109	Membrane Lipid Organization Is Critical for Human Neutrophil Polarization. Journal of Biological Chemistry, 2003, 278, 10831-10841.	3.4	137
110	The Cytoplasmic Domain of the Low Density Lipoprotein (LDL) Receptor-related Protein, but Not That of the LDL Receptor, Triggers Phagocytosis. Journal of Biological Chemistry, 2003, 278, 44799-44807.	3.4	27
111	Ratio Imaging Instrumentation. Methods in Cell Biology, 2003, 72, 389-413.	1.1	22
112	Rapid Nonvesicular Transport of Sterol between the Plasma Membrane Domains of Polarized Hepatic Cells. Journal of Biological Chemistry, 2002, 277, 30325-30336.	3.4	101
113	Vesicular and Non-vesicular Sterol Transport in Living Cells. Journal of Biological Chemistry, 2002, 277, 609-617.	3.4	269
114	Export from Pericentriolar Endocytic Recycling Compartment to Cell Surface Depends on Stable, Detyrosinated (Glu) Microtubules and Kinesin. Molecular Biology of the Cell, 2002, 13, 96-109.	2.1	129
115	Microtubule Asymmetry during Neutrophil Polarization and Migration. Molecular Biology of the Cell, 2002, 13, 4470-4483.	2.1	72
116	Plasma membrane microdomains. Current Opinion in Cell Biology, 2002, 14, 483-487.	5.4	265
117	Rapid Nonvesicular Transport of Sterol between the Plasma Membrane Domains of Polarized Hepatic Cells. Journal of Biological Chemistry, 2002, 277, 30325-30336.	3.4	29
118	Intracellular cholesterol transport. Journal of Clinical Investigation, 2002, 110, 891-898.	8.2	254
119	Intracellular cholesterol transport. Journal of Clinical Investigation, 2002, 110, 891-898.	8.2	136
120	Intracellular cholesterol transport. Journal of Clinical Investigation, 2002, 110, 891-898.	8.2	36
121	Uptake of fibrillar Î²-amyloid by microglia isolated from MSR-A (type I and type II) knockout mice. NeuroReport, 2001, 12, 1151-1154.	1.2	37
122	Vesicular and Nonvesicular Transport of Phosphatidylcholine in Polarized HepG2 Cells. Traffic, 2001, 2, 277-296.	2.7	38
123	Analyzing Microdomains in Biological Membranes Using Fluorescence Techniques. Journal of Fluorescence, 2001, 11, 287-295.	2.5	4
124	Rme-1 regulates the distribution and function of the endocytic recycling compartment in mammalian cells. Nature Cell Biology, 2001, 3, 567-572.	10.3	234
125	The Uptake and Degradation of Matrix-bound Lipoproteins by Macrophages Require an Intact Actin Cytoskeleton, Rho Family GTPases, and Myosin ATPase Activity. Journal of Biological Chemistry, 2001, 276, 37649-37658.	3.4	54
126	Clathrin Hub Expression Affects Early Endosome Distribution with Minimal Impact on Receptor Sorting and Recycling. Molecular Biology of the Cell, 2001, 12, 2790-2799.	2.1	34

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127	Phagocytosis of Wild-Type Legionella pneumophila Occurs through a Wortmannin-Insensitive Pathway. Infection and Immunity, 2001, 69, 5157-5161.	2.2	46
128	Cytoskeleton-dependent Membrane Domain Segregation during Neutrophil Polarization. Molecular Biology of the Cell, 2001, 12, 3550-3562.	2.1	115
129	Distribution and Transport of Cholesterol inCaenorhabditis elegans. Molecular Biology of the Cell, 2001, 12, 1725-1736.	2.1	160
130	Cholesterol depletion induces large scale domain segregation in living cell membranes. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 13072-13077.	7.1	263
131	Flotillas of lipid rafts fore and aft. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 9471-9473.	7.1	61
132	Role of Membrane Organization and Membrane Domains in Endocytic Lipid Trafficking. Traffic, 2000, 1, 203-211.	2.7	216
133	Neutrophil polarity and locomotion are associated with surface redistribution of leukosialin (CD43), an antiadhesive membrane molecule. Blood, 2000, 95, 2462-2470.	1.4	36
134	Oriented endocytic recycling of Î±5Î²1 in motile neutrophils. Blood, 2000, 95, 2471-2480.	1.4	137
135	Characterization of Rapid Membrane Internalization and Recycling. Journal of Biological Chemistry, 2000, 275, 15279-15286.	3.4	209
136	Enrichment of Acyl Coenzyme A:CholesterolO-Acyltransferase NearTrans-Golgi Network and Endocytic Recycling Compartment. Arteriosclerosis, Thrombosis, and Vascular Biology, 2000, 20, 1769-1776.	2.4	44
137	Effects of Incorporation of Immunoglobulin G and Complement Component C1q on Uptake and Degradation of Alzheimer's Disease Amyloid Fibrils by Microglia. Journal of Biological Chemistry, 2000, 275, 16941-16947.	3.4	61
138	Oriented endocytic recycling of Î±5Î²1 in motile neutrophils. Blood, 2000, 95, 2471-2480.	1.4	41
139	Neutrophil polarity and locomotion are associated with surface redistribution of leukosialin (CD43), an antiadhesive membrane molecule. Blood, 2000, 95, 2462-2470.	1.4	9
140	Ca2+-dependent myosin II activation is required for uropod retraction during neutrophil migration. Journal of Cell Science, 2000, 113 (Pt 7), 1287-98.	2.0	74
141	Neutrophil polarity and locomotion are associated with surface redistribution of leukosialin (CD43), an antiadhesive membrane molecule. Blood, 2000, 95, 2462-70.	1.4	16
142	Oriented endocytic recycling of alpha5beta1 in motile neutrophils. Blood, 2000, 95, 2471-80.	1.4	54
143	Endocytic Sorting of Lipid Analogues Differing Solely in the Chemistry of Their Hydrophobic Tails. Journal of Cell Biology, 1999, 144, 1271-1284.	5.2	359
144	Chimeric Forms of Furin and Tgn38 Are Transported from the Plasma Membrane to the Trans-Golgi Network via Distinct Endosomal Pathways. Journal of Cell Biology, 1999, 146, 345-360.	5.2	194

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145	Unique Cellular Events Occurring during the Initial Interaction of Macrophages with Matrix-retained or Methylated Aggregated Low Density Lipoprotein (LDL). Journal of Biological Chemistry, 1999, 274, 32112-32121.	3.4	59
146	Uptake, Degradation, and Release of Fibrillar and Soluble Forms of Alzheimer's Amyloid Î²-Peptide by Microglial Cells. Journal of Biological Chemistry, 1999, 274, 32301-32308.	3.4	191
147	Cholesterol: stuck in traffic. Nature Cell Biology, 1999, 1, E37-E38.	10.3	30
148	Cholesterol-dependent retention of GPI-anchored proteins in endosomes. EMBO Journal, 1998, 17, 4626-4638.	7.8	289
149	Cholesterol Distribution in Living Cells: Fluorescence Imaging Using Dehydroergosterol as a Fluorescent Cholesterol Analog. Biophysical Journal, 1998, 75, 1915-1925.	0.5	311
150	An Endocytosed TGN38 Chimeric Protein Is Delivered to the TGN after Trafficking through the Endocytic Recycling Compartment in CHO Cells. Journal of Cell Biology, 1998, 142, 923-936.	5.2	235
151	Immunolocalization of Acyl-Coenzyme A:CholesterolO-Acyltransferase in Macrophages. Journal of Biological Chemistry, 1998, 273, 11218-11224.	3.4	52
152	Chapter 11 Ratio Imaging Instrumentation. Methods in Cell Biology, 1998, , 217-236.	1.1	15
153	Characterization of Endocytic Pathways by Quantitative Fluorescence Microscopy. Microscopy and Microanalysis, 1998, 4, 1024-1025.	0.4	0
154	Sphingomyelinase Treatment Induces ATP-independent Endocytosis. Journal of Cell Biology, 1998, 140, 39-47.	5.2	196
155	Early Events in Phagosome Establishment Are Required for Intracellular Survival ofLegionella pneumophila. Infection and Immunity, 1998, 66, 4450-4460.	2.2	114
156	Ratio imaging instrumentation. Methods in Cell Biology, 1998, 56, 217-36.	1.1	5
157	Bafilomycin A1 Treatment Retards Transferrin Receptor Recycling More than Bulk Membrane Recycling. Journal of Biological Chemistry, 1997, 272, 13929-13936.	3.4	156
158	Slow Degradation of Aggregates of the Alzheimer's Disease Amyloid Î²-Protein by Microglial Cells. Journal of Biological Chemistry, 1997, 272, 29390-29397.	3.4	236
159	Dynamic imaging of neutrophil migration in three dimensions: mechanical interactions between cells and matrix. Journal of Leukocyte Biology, 1997, 61, 188-200.	3.3	112
160	Evidence for Prolonged Cell-Surface Contact of Acetyl-LDL Before Entry Into Macrophages. Arteriosclerosis, Thrombosis, and Vascular Biology, 1997, 17, 1421-1431.	2.4	17
161	Endocytosis. Physiological Reviews, 1997, 77, 759-803.	28.8	1,362
162	Effects of buffering intracellular free calcium on neutrophil migration through three-dimensional matrices. , 1997, 171, 168-178.		40

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163	Cell Surface Dynamics of GPI-Anchored Proteins. Advances in Experimental Medicine and Biology, 1997, 419, 355-364.	1.6	52
164	Microglial Cells Internalize Aggregates of the Alzheimer's Disease Amyloid Î²-Protein Via a Scavenger Receptor. Neuron, 1996, 17, 553-565.	8.1	633
165	Calcium and signal transduction in granulocytes. Current Opinion in Hematology, 1996, 3, 63-70.	2.5	53
166	The Distal Pathway of Lipoprotein-induced Cholesterol Esterification, but Not Sphingomyelinase-induced Cholesterol Esterification, Is Energy-dependent. Journal of Biological Chemistry, 1996, 271, 13392-13400.	3.4	116
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