

# Neale D Ridgway

## List of Publications by Year in descending order

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108  
papers

4,715  
citations

81743

39  
h-index

106150

65  
g-index

110  
all docs

110  
docs citations

110  
times ranked

4312  
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of phosphatidylcholine and choline metabolites to cell proliferation and survival. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2013, 48, 20-38.	2.3	228
2	The methylation of phosphatidylethanolamine. <i>Progress in Lipid Research</i> , 1988, 27, 61-79.	5.3	221
3	Vesicle-associated Membrane Protein-associated Protein-A (VAP-A) Interacts with the Oxysterol-binding Protein to Modify Export from the Endoplasmic Reticulum. <i>Journal of Biological Chemistry</i> , 2002, 277, 29908-29918.	1.6	220
4	Oxysterol-binding Protein and Vesicle-associated Membrane Protein-associated Protein Are Required for Sterol-dependent Activation of the Ceramide Transport Protein. <i>Molecular Biology of the Cell</i> , 2006, 17, 2604-2616.	0.9	214
5	The role of phospholipids in the biological activity and structure of the endoplasmic reticulum. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 2499-2510.	1.9	167
6	Oxysterol Binding Protein-related Protein 9 (ORP9) Is a Cholesterol Transfer Protein That Regulates Golgi Structure and Function. <i>Molecular Biology of the Cell</i> , 2009, 20, 1388-1399.	0.9	153
7	Oxysterol-Binding Protein-Related Protein 1L Regulates Cholesterol Egress from the Endo-Lysosomal System. <i>Cell Reports</i> , 2017, 19, 1807-1818.	2.9	120
8	Interactions between metabolism and intracellular distribution of cholesterol and sphingomyelin. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2000, 1484, 129-141.	1.2	119
9	Altered regulation of cholesterol and cholesteryl ester synthesis in Chinese-hamster ovary cells overexpressing the oxysterol-binding protein is dependent on the pleckstrin homology domain. <i>Biochemical Journal</i> , 1997, 326, 205-213.	1.7	111
10	Oxysterol-binding Protein (OSBP)-related Protein 4 (ORP4) Is Essential for Cell Proliferation and Survival. <i>Journal of Biological Chemistry</i> , 2014, 289, 15705-15717.	1.6	106
11	CTP:phosphocholine cytidyltransferase: Function, regulation, and structure of an amphitropic enzyme required for membrane biogenesis. <i>Progress in Lipid Research</i> , 2015, 59, 147-171.	5.3	106
12	Regulation of Oxysterol-binding Protein Golgi Localization through Protein Kinase D-mediated Phosphorylation. <i>Molecular Biology of the Cell</i> , 2010, 21, 2327-2337.	0.9	104
13	Oxysterol-binding-protein (OSBP)-related protein 4 binds 25-hydroxycholesterol and interacts with vimentin intermediate filaments. <i>Biochemical Journal</i> , 2002, 361, 461-472.	1.7	102
14	VAMP-associated protein-A regulates partitioning of oxysterol-binding protein-related protein-9 between the endoplasmic reticulum and Golgi apparatus. <i>Experimental Cell Research</i> , 2004, 297, 533-547.	1.2	95
15	Molecular mechanisms and regulation of ceramide transport. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2005, 1734, 220-234.	1.2	91
16	Oxysterol Binding Protein-dependent Activation of Sphingomyelin Synthesis in the Golgi Apparatus Requires Phosphatidylinositol 4-Kinase III $\beta$ . <i>Molecular Biology of the Cell</i> , 2010, 21, 4141-4150.	0.9	86
17	Novel Members of the Human Oxysterol-binding Protein Family Bind Phospholipids and Regulate Vesicle Transport. <i>Journal of Biological Chemistry</i> , 2001, 276, 18407-18414.	1.6	85
18	cDNA cloning of human oxysterol-binding protein and localization of the gene to human chromosome 11 and mouse chromosome 19. <i>Genomics</i> , 1990, 7, 65-74.	1.3	83

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19	Differential Effects of Sphingomyelin Hydrolysis and Cholesterol Transport on Oxysterol-binding Protein Phosphorylation and Golgi Localization. <i>Journal of Biological Chemistry</i> , 1998, 273, 31621-31628.	1.6	82
20	Cholesterol regulates oxysterol binding protein (OSBP) phosphorylation and Golgi localization in Chinese hamster ovary cells: correlation with stimulation of sphingomyelin synthesis by 25-hydroxycholesterol. <i>Biochemical Journal</i> , 1998, 336, 247-256.	1.7	81
21	The Rate-limiting Enzyme in Phosphatidylcholine Synthesis Regulates Proliferation of the Nucleoplasmic Reticulum. <i>Molecular Biology of the Cell</i> , 2005, 16, 1120-1130.	0.9	79
22	Bridging the molecular and biological functions of the oxysterol-binding protein family. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 3079-3098.	2.4	76
23	Curcumin-Induced Apoptosis in PC3 Prostate Carcinoma Cells Is Caspase-Independent and Involves Cellular Ceramide Accumulation and Damage to Mitochondria. <i>Nutrition and Cancer</i> , 2010, 62, 379-389.	0.9	75
24	Functional implications of sterol transport by the oxysterol-binding protein gene family. <i>Biochemical Journal</i> , 2010, 429, 13-24.	1.7	70
25	Chinese hamster ovary cells overexpressing the oxysterol binding protein (OSBP) display enhanced synthesis of sphingomyelin in response to 25-hydroxycholesterol. <i>Journal of Lipid Research</i> , 1999, 40, 109-116.	2.0	70
26	[43] Phosphatidylethanolamine N-methyltransferase from rat liver. <i>Methods in Enzymology</i> , 1992, 209, 366-374.	0.4	67
27	Oxysterol-binding-protein (OSBP)-related protein 4 binds 25-hydroxycholesterol and interacts with vimentin intermediate filaments. <i>Biochemical Journal</i> , 2002, 361, 461.	1.7	67
28	Phosphatidylcholine Synthesis Influences the Diacylglycerol Homeostasis Required for Sec14p-dependent Golgi Function and Cell Growth. <i>Molecular Biology of the Cell</i> , 2001, 12, 511-520.	0.9	65
29	Expansion of the Nucleoplasmic Reticulum Requires the Coordinated Activity of Lamins and CTP:Phosphocholine Cytidylyltransferase $\hat{\pm}$ . <i>Molecular Biology of the Cell</i> , 2008, 19, 237-247.	0.9	64
30	Golgi localization and phosphorylation of oxysterol binding protein in Niemann-Pick C and U18666A-treated cells. <i>Journal of Lipid Research</i> , 2001, 42, 1062-1071.	2.0	62
31	Multisite phosphorylation of oxysterol-binding protein regulates sterol binding and activation of sphingomyelin synthesis. <i>Molecular Biology of the Cell</i> , 2012, 23, 3624-3635.	0.9	57
32	Characterization of the sterol-binding domain of oxysterol-binding protein (OSBP)-related protein 4 reveals a novel role in vimentin organization. <i>Experimental Cell Research</i> , 2007, 313, 1426-1437.	1.2	54
33	Caspase Processing and Nuclear Export of CTP:Phosphocholine Cytidylyltransferase $\hat{\pm}$ during Farnesol-Induced Apoptosis. <i>Molecular and Cellular Biology</i> , 2002, 22, 4851-4862.	1.1	52
34	Uncoupling Farnesol-induced Apoptosis from Its Inhibition of Phosphatidylcholine Synthesis. <i>Journal of Biological Chemistry</i> , 2001, 276, 25254-25261.	1.6	49
35	OSBP Negatively Regulates ABCA1 Protein Stability. <i>Journal of Biological Chemistry</i> , 2008, 283, 18210-18217.	1.6	49
36	Nuclear-localized CTP:phosphocholine cytidylyltransferase $\hat{\pm}$ regulates phosphatidylcholine synthesis required for lipid droplet biogenesis. <i>Molecular Biology of the Cell</i> , 2015, 26, 2927-2938.	0.9	48

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37	Stimulation of Phosphatidylserine Biosynthesis and Facilitation of UV-induced Apoptosis in Chinese Hamster Ovary Cells Overexpressing Phospholipid Scramblase 1. <i>Journal of Biological Chemistry</i> , 2003, 278, 9706-9714.	1.6	46
38	Oxysterol-binding protein-related protein (ORP) 9 is a PDK-2 substrate and regulates Akt phosphorylation. <i>Cellular Signalling</i> , 2007, 19, 384-392.	1.7	46
39	Metabolism of short-chain ceramide and dihydroceramide analogues in Chinese hamster ovary (CHO) cells. <i>Lipids and Lipid Metabolism</i> , 1995, 1256, 57-70.	2.6	42
40	Regulation of Phosphatidylcholine Metabolism in Chinese Hamster Ovary Cells by the Sterol Regulatory Element-binding Protein (SREBP)/SREBP Cleavage-activating Protein Pathway. <i>Journal of Biological Chemistry</i> , 2000, 275, 14367-14374.	1.6	40
41	Oxysterol-binding Protein Activation at Endoplasmic Reticulum-Golgi Contact Sites Reorganizes Phosphatidylinositol 4-Phosphate Pools. <i>Journal of Biological Chemistry</i> , 2016, 291, 1336-1347.	1.6	39
42	Oxysterol-Binding Proteins. <i>Sub-Cellular Biochemistry</i> , 2010, 51, 159-182.	1.0	35
43	Regulation of the CDP-choline pathway by sterol regulatory element binding proteins involves transcriptional and post-transcriptional mechanisms. <i>Biochemical Journal</i> , 2003, 372, 811-819.	1.7	33
44	Substrate channeling in the glycerol-3-phosphate pathway regulates the synthesis, storage and secretion of glycerolipids. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2020, 1865, 158438.	1.2	31
45	Preferential externalization of newly synthesized phosphatidylserine in apoptotic U937 cells is dependent on caspase-mediated pathways. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2000, 1487, 296-308.	1.2	30
46	A Lipid Transfer Protein Signaling Axis Exerts Dual Control of Cell-Cycle and Membrane Trafficking Systems. <i>Developmental Cell</i> , 2018, 44, 378-391.e5.	3.1	30
47	Brefeldin A Renders Chinese Hamster Ovary Cells Insensitive to Transcriptional Suppression by 25-Hydroxycholesterol. <i>Journal of Biological Chemistry</i> , 1995, 270, 8023-8031.	1.6	28
48	U18666A inhibits intracellular cholesterol transport and neurotransmitter release in human neuroblastoma cells. <i>Neurochemical Research</i> , 1999, 24, 69-78.	1.6	28
49	Cholesterol transfer at endosomal-organelle membrane contact sites. <i>Current Opinion in Lipidology</i> , 2018, 29, 212-217.	1.2	27
50	Regulation of MARCKS and MARCKS-related protein expression in BV-2 microglial cells in response to lipopolysaccharide. <i>Journal of Neurochemistry</i> , 2001, 78, 664-672.	2.1	26
51	Staurosporines decrease ORMDL proteins and enhance sphingomyelin synthesis resulting in depletion of plasmalemmal phosphatidylserine. <i>Scientific Reports</i> , 2016, 6, 35762.	1.6	26
52	Mechanisms by Which Probiotic Bacteria Attenuate the Risk of Hepatocellular Carcinoma. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2606.	1.8	26
53	Characterization of the Sterol and Phosphatidylinositol 4-Phosphate Binding Properties of Golgi-Associated OSBP-Related Protein 9 (ORP9). <i>PLoS ONE</i> , 2014, 9, e108368.	1.1	25
54	Lipid-associated PML structures assemble nuclear lipid droplets containing CCT $\beta$ and Lipin1. <i>Life Science Alliance</i> , 2020, 3, e202000751.	1.3	25

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55	Inhibition of acyl-CoA: cholesterol acyltransferase in chinese hamster ovary (CHO) cells by short-chain ceramide and dihydroceramide. <i>Lipids and Lipid Metabolism</i> , 1995, 1256, 39-46.	2.6	24
56	Differential Expression of MARCKS and Other Calmodulin-Binding Protein Kinase C Substrates in Cultured Neuroblastoma and Glioma Cells. <i>Journal of Neurochemistry</i> , 2002, 63, 2314-2323.	2.1	24
57	Oxysterol-binding protein-related protein 1 variants have opposing cholesterol transport activities from the endolysosomes. <i>Molecular Biology of the Cell</i> , 2020, 31, 793-802.	0.9	24
58	Aromatic boronic acids as probes of the catalytic site of human plasma lecithinâ€”cholesterol acyltransferase. <i>Lipids and Lipid Metabolism</i> , 1987, 918, 175-188.	2.6	23
59	Nuclear export of the rate-limiting enzyme in phosphatidylcholine synthesis is mediated by its membrane binding domain. <i>Journal of Lipid Research</i> , 2009, 50, 966-976.	2.0	23
60	Overexpression of myristoylated alanine-rich C-kinase substrate enhances activation of phospholipase D by protein kinase C in SK-N-MC human neuroblastoma cells. <i>Biochemical Journal</i> , 1998, 332, 321-327.	1.7	22
61	Induction of apoptosis by lipophilic activators of CTP:phosphocholine cytidyltransferase $\hat{\pm}$ (CCT $\hat{\pm}$ ). <i>Biochemical Journal</i> , 2005, 392, 449-456.	1.7	22
62	Phosphatidylcholine synthesis regulates triglyceride storage and chylomicron secretion by Caco2 cells. <i>Journal of Lipid Research</i> , 2018, 59, 1940-1950.	2.0	22
63	The role of de novo ceramide synthesis in the mechanism of action of the tricyclic xanthate D609. <i>Journal of Lipid Research</i> , 2004, 45, 164-173.	2.0	20
64	Inhibition of phosphorylation of the oxysterol binding protein by brefeldin A. <i>Lipids and Lipid Metabolism</i> , 1998, 1390, 37-51.	2.6	19
65	Golgi- localization of oxysterol binding protein-related protein 4L (ORP4L) is regulated by ligand binding. <i>Journal of Cell Science</i> , 2018, 131, .	1.2	19
66	Lipoprotein lipase-mediated sequestration of long-chain polyunsaturated triacylglycerols in serum LDL normal and hypothyroid rats. <i>Lipids and Lipid Metabolism</i> , 1984, 796, 64-71.	2.6	18
67	Inhibitors of actin polymerization and calmodulin binding enhance protein kinase C-induced translocation of MARCKS in C6 glioma cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1997, 1356, 121-130.	1.9	17
68	Oxysterol activation of phosphatidylcholine synthesis involves CTP:phosphocholine cytidyltransferase $\hat{\pm}$ translocation to the nuclear envelope. <i>Biochemical Journal</i> , 2009, 418, 209-217.	1.7	17
69	A mechanism for suppression of the CDP-choline pathway during apoptosis. <i>Journal of Lipid Research</i> , 2013, 54, 3373-3384.	2.0	17
70	Phospholipase D hydrolysis of plasmalogen and diacyl ethanolamine phosphoglycerides by protein kinase C dependent and independent mechanisms. <i>Journal of Lipid Mediators and Cell Signalling</i> , 1997, 15, 175-192.	1.0	16
71	Resistance to UV-induced apoptosis in Chinese-hamster ovary cells overexpressing phosphatidylserine synthases. <i>Biochemical Journal</i> , 2004, 381, 609-618.	1.7	16
72	Modulation of ceramide metabolism in T-leukemia cell lines potentiates apoptosis induced by the cationic antimicrobial peptide bovine lactoferricin. <i>International Journal of Oncology</i> , 2008, , .	1.4	16

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73	ras-induced Up-regulation of CTP:Phosphocholine Cytidylyltransferase $\hat{\pm}$ Contributes to Malignant Transformation of Intestinal Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2013, 288, 633-643.	1.6	16
74	CTP:phosphocholine cytidylyltransferase $\hat{\pm}$ (CCT $\hat{\pm}$ ) and lamins alter nuclear membrane structure without affecting phosphatidylcholine synthesis. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2011, 1811, 377-385.	1.2	15
75	Phospholipid Synthesis in Mammalian Cells. , 2016, , 209-236.		15
76	Effect of fumonisin B1 on phosphatidylethanolamine biosynthesis in Chinese hamster ovary cells. <i>Lipids and Lipid Metabolism</i> , 1996, 1304, 190-196.	2.6	14
77	Inhibition of HCV Replication by Oxysterol-Binding Protein-Related Protein 4 (ORP4) through Interaction with HCV NS5B and Alteration of Lipid Droplet Formation. <i>PLoS ONE</i> , 2013, 8, e75648.	1.1	13
78	Oxysterol-binding protein recruitment and activity at the endoplasmic reticulum-Golgi interface are independent of Sac1. <i>Traffic</i> , 2017, 18, 519-529.	1.3	11
79	Regulation of intracellular cholesterol metabolism is defective in lymphoblasts from Niemann-Pick type C and type D patients. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 1994, 1226, 173-180.	1.8	10
80	Induction of protein kinase C substrates, Myristoylated alanine-rich C kinase substrate (MARCKS) and MARCKS-related protein (MRP), by amyloid $\hat{1}^2$ -protein in mouse BV-2 microglial cells. <i>Neuroscience Letters</i> , 2003, 347, 9-12.	1.0	10
81	Differential dephosphorylation of CTP:phosphocholine cytidylyltransferase upon translocation to nuclear membranes and lipid droplets. <i>Molecular Biology of the Cell</i> , 2020, 31, 1047-1059.	0.9	10
82	Running $\hat{\sim}$ LAPS $\hat{\sim}$ ™ Around nLD: Nuclear Lipid Droplet Form and Function. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 837406.	1.8	10
83	In vitro phosphorylation of phosphatidylethanolamine N-methyltransferase by cAMP-dependent protein kinase: lack of in vivo phosphorylation in response to N6-2 $\hat{\epsilon}^2$ -O-dibutryladenosine 3 $\hat{\epsilon}^2$ ,5 $\hat{\epsilon}^2$ -cyclic monophosphate. <i>Lipids and Lipid Metabolism</i> , 1989, 1004, 261-270.	2.6	9
84	Involvement of phospholipase D and protein kinase C in phorbol ester and fatty acid stimulated turnover of phosphatidylcholine and phosphatidylethanolamine in neural cells. <i>Lipids and Lipid Metabolism</i> , 1998, 1390, 103-117.	2.6	9
85	Myristoylated alanine-rich C-kinase substrate is phosphorylated and translocated by a phorbol ester-insensitive and calcium-independent protein kinase C isoform in C6 glioma cell membranes. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1999, 1448, 439-449.	1.9	9
86	Phosphorylation of a serine/proline-rich motif in oxysterol binding protein-related protein 4L (ORP4L) regulates cholesterol and vimentin binding. <i>PLoS ONE</i> , 2019, 14, e0214768.	1.1	9
87	Global Proximity Interactome of the Human Macroautophagy Pathway. <i>Autophagy</i> , 2022, 18, 1174-1186.	4.3	9
88	Protein kinase D1 and oxysterol-binding protein form a regulatory complex independent of phosphorylation. <i>Traffic</i> , 2018, 19, 854-866.	1.3	5
89	Protein kinase C isoforms and growth, differentiation and phosphatidylcholine turnover in human neuroblastoma cells. <i>Journal of Lipid Mediators and Cell Signalling</i> , 1996, 14, 203-208.	1.0	4
90	19q13.12 microdeletion syndrome fibroblasts display abnormal storage of cholesterol and sphingolipids in the endo-lysosomal system. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 2108-2118.	1.8	4

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91	Phospholipid synthesis in mammalian cells. , 2021, , 227-258.		3
92	Differential alterations of ethanolamine and choline phosphoglyceride metabolism by clofibrate and retinoic acid in human fibroblasts are not mediated by phorbol ester-sensitive protein kinase C. <i>Lipids</i> , 1996, 31, 747-755.	0.7	2
93	Progesterone metabolism in human fibroblasts is independent of P-glycoprotein levels and Niemann-Pick type C disease. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1999, 70, 123-131.	1.2	2
94	How CCT $\alpha$ puts a leash on phospholipid synthesis. <i>Journal of Biological Chemistry</i> , 2018, 293, 7085-7086.	1.6	2
95	Phospholipase D Activities and Phosphatidylcholine Turnover are Differentially Related to Expression of Protein Kinase C Isoforms and Marcks in Control and Transfected Neural Cells. , 1996, , 299-306.		2
96	Lipid and membrane recognition by the oxysterol binding protein and its phosphomimetic mutant using dual polarization interferometry. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018, 1860, 2356-2365.	1.4	1
97	Analysis of Sphingolipid Synthesis and Transport by Metabolic Labeling of Cultured Cells with [3H]Serine. <i>Methods in Molecular Biology</i> , 2016, 1376, 195-202.	0.4	1
98	Phospholipase D activity is altered in X-linked adrenoleukodystrophy heterozygous carriers, but not in hemizygous patients. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 1998, 1407, 7-20.	1.8	0
99	Activation of sphingomyelin synthesis by oxysterol binding protein involves phosphatidylinositol 4-kinase activation at the Golgi. <i>Chemistry and Physics of Lipids</i> , 2008, 154, S9.	1.5	0
100	ORP9 negatively regulates phosphorylation of serine 473 in Akt. <i>FASEB Journal</i> , 2006, 20, A496.	0.2	0
101	The CCT[alpha] membrane-binding domain is required for nuclear export during apoptosis. <i>FASEB Journal</i> , 2006, 20, A949.	0.2	0
102	Oxysterol binding protein-related protein 9 is required for Golgi organization and secretion. <i>FASEB Journal</i> , 2008, 22, 805.7.	0.2	0
103	Oxysterol- and cholesterol-dependent translocation of CTP:phosphocholine Cytidylyltransferase to the nuclear envelope. <i>FASEB Journal</i> , 2008, 22, 643.4.	0.2	0
104	Role of protein kinase D (PKD) phosphorylation of Oxysterol binding protein (OSBP) in sphingomyelin biosynthesis. <i>FASEB Journal</i> , 2011, 25, .	0.2	0
105	Determining the Role of Oxysterol Binding Protein-Related Protein 4 (ORP4) in Cell Proliferation and Survival. <i>FASEB Journal</i> , 2015, 29, 886.14.	0.2	0
106	A Regulatory Mechanism for Nuclear Lipid Droplet Biogenesis. <i>FASEB Journal</i> , 2019, 33, 490.8.	0.2	0
107	The rate-limiting enzyme in the CDP-choline pathway is regulated by phosphorylation domain charge density. <i>FASEB Journal</i> , 2022, 36, .	0.2	0
108	CTP:phosphocholine cytidylyltransferase alpha regulates nLD biogenesis in Caco2 cells. <i>FASEB Journal</i> , 2022, 36, .	0.2	0