Alan N Hunt

List of Publications by Year
in descending order

45 papers	1,793 citations	489802 18 h-index	340414 39 g-index
45 all docs	45 docs citations	45 times ranked	2646 citing authors

#	Article	IF	Citations
1	Chronic pharmacological antagonism of the GM-CSF receptor in mice does not replicate the pulmonary alveolar proteinosis phenotype but does alter lung surfactant turnover. Clinical Science, 2021, 135, 2559-2573.	1.8	2
2	Lipidome analysis of Symbiodiniaceae reveals possible mechanisms of heat stress tolerance in reef coral symbionts. Coral Reefs, 2019, 38, 1241-1253.	0.9	47
3	Hepatic Steatosis Accompanies Pulmonary Alveolar Proteinosis. American Journal of Respiratory Cell and Molecular Biology, 2017, 57, 448-458.	1.4	12
4	Membrane cholesterol is essential for triterpenoid saponin augmentation of a saporin-based immunotoxin directed against CD19 on human lymphoma cells. Biochimica Et Biophysica Acta - Biomembranes, 2017, 1859, 993-1007.	1.4	16
5	Nutrient enrichment can increase the susceptibility of reef corals to bleaching. Nature Climate Change, 2013, 3, 160-164.	8.1	510
6	Regulation of lung surfactant phospholipid synthesis and metabolism. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2013, 1831, 448-458.	1.2	73
7	Activation of Sterol-response Element-binding Proteins (SREBP) in Alveolar Type II Cells Enhances Lipogenesis Causing Pulmonary Lipotoxicity. Journal of Biological Chemistry, 2012, 287, 10099-10114.	1.6	55
8	Phosphatidylinositol Transfer Protein, Cytoplasmic 1 (PITPNC1) Binds and Transfers Phosphatidic Acid. Journal of Biological Chemistry, 2012, 287, 32263-32276.	1.6	72
9	Analysis of lung surfactant phosphatidylcholine metabolism in transgenic mice using stable isotopes. Chemistry and Physics of Lipids, 2011, 164, 549-555.	1.5	28
10	Conditional deletion ofAbca3in alveolar type II cells alters surfactant homeostasis in newborn and adult mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2010, 298, L646-L659.	1.3	58
11	Dynamic lipidomics with stable isotope labelling. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2009, 877, 2716-2721.	1.2	57
12	Diclofenac mediated derangement of neuroblastoma cell lipidomic profiles is accompanied by increased phosphatidylcholine biosynthesis. Advances in Enzyme Regulation, 2008, 48, 74-87.	2.9	5
13	Using membrane stress to our advantage. Biochemical Society Transactions, 2007, 35, 498-501.	1.6	16
14	Probing phospholipid dynamics by electrospray ionisation mass spectrometry. Progress in Lipid Research, 2007, 46, 200-224.	5.3	84
15	Completing the cycles; the dynamics of endonuclear lipidomics. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2006, 1761, 577-587.	1.2	35
16	Mass spectrometry determination of endonuclear phospholipid composition and dynamics. Methods, 2006, 39, 104-111.	1.9	35
17	Dynamic lipidomics of the nucleus. Journal of Cellular Biochemistry, 2006, 97, 244-251.	1.2	47
18	Dynamic lipidomic insights into phosphatidylcholine synthesis from organelle to organism. Spectroscopy, 2005, 19, 127-135.	0.8	3

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19	Phosphatidylcholine biosynthesis inside the nucleus: is it involved in regulating cell proliferation?. Advances in Enzyme Regulation, 2004, 44, 173-186.	2.9	11
20	Acyl chain-based molecular selectivity for HL60 cellular phosphatidylinositol and of phosphatidylcholine by phosphatidylinositol transfer protein Î±. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2004, 1686, 50-60.	1.2	27
21	Lysophosphatidic acid attenuates the cytotoxic effects and degree of peroxisome proliferator-activated receptor Î³ activation induced by 15-deoxyÎ”12,14-prostaglandin J2 in neuroblastoma cells. Biochemical Journal, 2004, 382, 83-91.	1.7	26
22	Regulation of cellular processes by PPARÎ³ ligands in neuroblastoma cells is modulated by the level of retinoblastoma protein expression. Biochemical Society Transactions, 2004, 32, 840-842.	1.6	16
23	Mass spectroscopic analysis of phosphatidylinositol synthesis using 6-deuteriated-myo-inositol: comparison of the molecular specificities and acyl remodelling mechanisms in mouse tissues and cultured cells. Biochemical Society Transactions, 2004, 32, 1057-1059.	1.6	16
24	Lipidomic analysis of the molecular specificity of a cholinephosphotransferase in situ. Biochemical Society Transactions, 2004, 32, 1060-1062.	1.6	12
25	Use of mass spectrometry-based lipidomics to probe PITPÎ± (phosphatidylinositol transfer protein Î±) function inside the nuclei of PITPÎ±+/+ and PITPÎ±â^'/â^' cells. Biochemical Society Transactions, 2004, 32, 1063-1065.	1.6	15
26	A comparison of the molecular specificities of whole cell and endonuclear phosphatidylcholine synthesis. FEBS Letters, 2002, 530, 89-93.	1.3	34
27	Highly Saturated Endonuclear Phosphatidylcholine Is Synthesizedin Situ and Colocated with CDP-choline Pathway Enzymes. Journal of Biological Chemistry, 2001, 276, 8492-8499.	1.6	110
28	Modulation of CTP:phosphocholine cytidylyltransferase by membrane curvature elastic stress. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 9032-9036.	3.3	247
29	Chromatin-associated phosphatidylcholine synthesis. Biochemical Society Transactions, 1998, 26, S223-S223.	1.6	2
30	Analysis of phosphatidic acid molecular species using mass spectrometry. Biochemical Society Transactions, 1998, 26, S226-S226.	1.6	0
31	Modulation of CTP:phosphocholine cytidylyltransferase by membrane torque tension. Biochemical Society Transactions, 1998, 26, S230-S230.	1.6	13
32	52 Colocalisation of CTP:choline phosphate cytidylyltransferase (CT) with F-actin accompanies increased phosphatidylcholine synthesis in differentiating neuroblastoma cells. Biochemical Society Transactions, 1997, 25, S594-S594.	1.6	0
33	Phospholipid composition of neonatal guinea pig liver and plasma: Effect of postnatal food restriction. Lipids, 1996, 31, 489-495.	0.7	6
34	Effects of Starvation and Thyroid Hormones on the Compositions of Lung Phosphatidylcholine Molecular Species in the Guinea Pig. Progress in Respiratory Research, 1994, 27, 96-100.	0.1	0
35	Effects of the glucocorticoid agonist, RU28362, and the antagonist RU486 on lung phosphatidylcholine and antioxidant enzyme development in the genetically obese zucker rat. Biochemical Pharmacology, 1993, 45, 543-551.	2.0	6
36	Phospholipase A2 specificities determined in mixed substrate vesicles using a combination of continuous fluorescence displacement and quantitative HPLC analyses. Biochemical Society Transactions, 1992, 20, 298S-298S.	1.6	0

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37	Late gestation changes in rat tissue phosphatidylcholine composition. Biochemical Society Transactions, 1991, 19, 111S-111S.	1.6	2
38	Developmental variation in whole human lung phosphatidylcholine molecular species: a comparison with guinea pig and rat. Early Human Development, 1991, 25, 157-171.	0.8	51
39	Biochemical maturation of the guinea pig lung and survival following premature delivery. International Journal of Biochemistry & Cell Biology, 1991, 23, 467-471.	0.8	13
40	CTP: Cholinephosphate cytidylyltransferase in human and rat lung: Association in vitro with cytoskeletal actin. Lipids and Lipid Metabolism, 1990, 1043, 19-26.	2.6	18
41	Developmental changes in individual molecular species of phosphatidylcholine from fetal lungs of rat, guinea-pig and man. Biochemical Society Transactions, 1989, 17, 729-730.	1.6	0
42	Dye-affinity chromatography of CTP: cholinephosphate cytidylyltransferase. Biochemical Society Transactions, 1986, 14, 1279-1280.	1.6	3
43	The identity of surfactant apolipoprotein in adult and fetal lung. Biochemical Society Transactions, 1985, 13, 197-198.	1.6	0
44	CTP: cholinephosphate cytidylyltransferase in human lung. Biochemical Society Transactions, 1985, 13, 1203-1204.	1.6	3
45	The proteins of human lung surfactant. Lipids and Lipid Metabolism, 1985, 837, 305-313.	2.6	7