

Anthony Postle

List of Publications by Year in descending order

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71
papers

3,228
citations

270111

25
h-index

169272

56
g-index

71
all docs

71
docs citations

71
times ranked

5010
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid Phospholipid Turnover after Surfactant Nebulization in Severe COVID-19 Infection: A Randomized Clinical Trial. American Journal of Respiratory and Critical Care Medicine, 2022, 205, 471-473.	2.5	6
2	Methodology to detect oxidised phospholipids and their relevance in disease. Biochemical Society Transactions, 2021, 49, 1241-1250.	1.6	2
3	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
4	Metabolism of a synthetic compared with a natural therapeutic pulmonary surfactant in adult mice. Journal of Lipid Research, 2018, 59, 1880-1892.	2.0	13
5	Hepatic Steatosis Accompanies Pulmonary Alveolar Proteinosis. American Journal of Respiratory Cell and Molecular Biology, 2017, 57, 448-458.	1.4	12
6	Lipid remodelling is a widespread strategy in marine heterotrophic bacteria upon phosphorus deficiency. ISME Journal, 2016, 10, 968-978.	4.4	95
7	Antioxidant Role for Lipid Droplets in a Stem Cell Niche of Drosophila. Cell, 2015, 163, 340-353.	13.5	455
8	Effect of Darapladib Treatment on Endarterectomy Carotid Plaque Lipoprotein-Associated Phospholipase A2 Activity: A Randomized, Controlled Trial. PLoS ONE, 2014, 9, e89034.	1.1	21
9	Cell cycle dependent changes in membrane stored curvature elastic energy: evidence from lipidomic studies. Faraday Discussions, 2013, 161, 481-497.	1.6	27
10	Nutrient enrichment can increase the susceptibility of reef corals to bleaching. Nature Climate Change, 2013, 3, 160-164.	8.1	510
11	Muscle phospholipid hydrolysis by <i>orthopsin</i> and <i>lys49 phospholipase A2</i> myotoxins " distinct mechanisms of action. FEBS Journal, 2013, 280, 3878-3886.	2.2	42
12	Investigation of Isoprostanes as Potential Biomarkers for Alzheimer's Disease Using Chiral LC-MS/MS and SFC-MS/MS. Current Analytical Chemistry, 2013, 10, 121-131.	0.6	11
13	Lipidomic profiling in Crohn's disease: Abnormalities in phosphatidylinositols, with preservation of ceramide, phosphatidylcholine and phosphatidylserine composition. International Journal of Biochemistry and Cell Biology, 2012, 44, 1839-1846.	1.2	40
14	Exogenous Surfactant Therapy in Acute Lung Injury/Acute Respiratory Distress Syndrome: The Need for a Revised Paradigm Approach. Journal of Cardiothoracic and Vascular Anesthesia, 2012, 26, e50.	0.6	1
15	Physiological concentration of calcium inhibits elastase-induced cleavage of a functional recombinant fragment of surfactant protein D. Immunobiology, 2011, 216, 72-79.	0.8	19
16	Analysis of lung surfactant phosphatidylcholine metabolism in transgenic mice using stable isotopes. Chemistry and Physics of Lipids, 2011, 164, 549-555.	1.5	28
17	Surfactant phospholipids, surfactant proteins, and inflammatory markers during acute lung injury in children. Pediatric Critical Care Medicine, 2010, 11, 82-91.	0.2	53
18	Phospholipid lipidomics in health and disease. European Journal of Lipid Science and Technology, 2009, 111, 2-13.	1.0	33

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19	Mass spectrometry analysis of the phospholipase A ₂ activity of snake pre-synaptic neurotoxins in cultured neurons. <i>Journal of Neurochemistry</i> , 2009, 111, 737-744.	2.1	48
20	Dynamic lipidomics with stable isotope labelling. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 2716-2721.	1.2	57
21	Diclofenac mediated derangement of neuroblastoma cell lipidomic profiles is accompanied by increased phosphatidylcholine biosynthesis. <i>Advances in Enzyme Regulation</i> , 2008, 48, 74-87.	2.9	5
22	Inhibition of lipoprotein-associated phospholipase A2 reduces complex coronary atherosclerotic plaque development. <i>Nature Medicine</i> , 2008, 14, 1059-1066.	15.2	345
23	Lipidomic Analysis of Signaling Pathways. <i>Methods in Enzymology</i> , 2007, 432, 233-246.	0.4	38
24	Role of lipoprotein-associated phospholipase A2 in leukocyte activation and inflammatory responses. <i>Atherosclerosis</i> , 2007, 191, 54-62.	0.4	127
25	The composition of pulmonary surfactant from diving mammals. <i>Respiratory Physiology and Neurobiology</i> , 2006, 152, 152-168.	0.7	25
26	Human CD1-restricted T cell recognition of lipids from pollens. <i>Journal of Experimental Medicine</i> , 2005, 202, 295-308.	4.2	212
27	Dynamic lipidomic insights into phosphatidylcholine synthesis from organelle to organism. <i>Spectroscopy</i> , 2005, 19, 127-135.	0.8	3
28	Mass Spectrometric Analysis of Surfactant Metabolism in Human Volunteers Using Deuteriated Choline. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004, 170, 54-58.	2.5	61
29	Phosphatidylcholine biosynthesis inside the nucleus: is it involved in regulating cell proliferation?. <i>Advances in Enzyme Regulation</i> , 2004, 44, 173-186.	2.9	11
30	Electrospray ionisation mass spectrometry analysis of differential turnover of phosphatidylcholine by human blood leukocytes. <i>Physical Chemistry Chemical Physics</i> , 2004, 6, 1018-1021.	1.3	9
31	INTERLEUKIN-8 DURING PAEDIATRIC ACUTE LUNG INJURY. <i>Critical Care Medicine</i> , 2004, 32, A116.	0.4	2
32	Chapter 9 Polyunsaturated fatty acids, brain phospholipids and the fetal alcohol syndrome. <i>New Comprehensive Biochemistry</i> , 2002, 35, 159-167.	0.1	0
33	Altered Phospholipid Composition and Aggregate Structure of Lung Surfactant Is Associated with Impaired Lung Function in Young Children with Respiratory Infections. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2002, 27, 714-721.	1.4	57
34	A comparison of the molecular specificities of whole cell and endonuclear phosphatidylcholine synthesis. <i>FEBS Letters</i> , 2002, 530, 89-93.	1.3	34
35	Exogenous Surfactant Supplementation in Infants with Respiratory Syncytial Virus Bronchiolitis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2000, 162, 1251-1256.	2.5	130
36	Deficient Hydrophilic Lung Surfactant Proteins A and D with Normal Surfactant Phospholipid Molecular Species in Cystic Fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1999, 20, 90-98.	1.4	229

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37	S phase depletion of nuclear CTP:choline phosphate cytidyltransferase. Biochemical Society Transactions, 1998, 26, S222-S222.	1.6	1
38	Analysis of phosphatidic acid molecular species using mass spectrometry. Biochemical Society Transactions, 1998, 26, S226-S226.	1.6	0
39	Molecular species of acidic phospholipids in human lung surfactant. Biochemical Society Transactions, 1998, 26, S227-S227.	1.6	3
40	Conductive Airway Surfactant: Surface-tension Function, Biochemical Composition, and Possible Alveolar Origin. American Journal of Respiratory Cell and Molecular Biology, 1997, 17, 41-50.	1.4	120
41	Membrane phosphatidylcholine composition of human lymphocytes in neonates. Biochemical Society Transactions, 1997, 25, 346S-346S.	1.6	0
42	50 Neutrophil phosphatidylcholine (PC) composition in cystic fibrosis (CF). Biochemical Society Transactions, 1997, 25, S593-S593.	1.6	2
43	Fetal brain and liver phospholipid fatty acid composition in a guinea pig model of fetal alcohol syndrome: Effect of maternal supplementation with tuna oil. Journal of Nutritional Biochemistry, 1997, 8, 438-444.	1.9	12
44	Phospholipid composition of neonatal guinea pig liver and plasma: Effect of postnatal food restriction. Lipids, 1996, 31, 489-495.	0.7	6
45	Hepatic and plasma phospholipid molecular species compositions in the pregnant guinea pig: Effect of chronic ethanol consumption. Journal of Nutritional Biochemistry, 1996, 7, 425-430.	1.9	2
46	Steroids, surfactant and lung disease.. Thorax, 1996, 51, 880-881.	2.7	2
47	Substrate selectivity of phospholipase D in HL60 granulocytes: effects of fatty acid supplementation. Biochemical Society Transactions, 1995, 23, 276S-276S.	1.6	3
48	Synthesis of phosphatidyl[3H]butanol molecular species by phospholipase D in HL60 granulocytes. Biochemical Society Transactions, 1995, 23, 275S-275S.	1.6	1
49	Lung surfactants and asthma. Clinical and Experimental Allergy, 1995, 25, 1030-1033.	1.4	7
50	Phospholipid molecular species composition of developing fetal guinea pig brain. Lipids, 1995, 30, 719-724.	0.7	34
51	The composition of individual molecular species of plasma phosphatidylcholine in human pregnancy. Early Human Development, 1995, 43, 47-58.	0.8	66
52	Mammalian secreted and cytosolic phospholipase A2 show different specificities for phospholipid molecular species. International Journal of Biochemistry and Cell Biology, 1995, 27, 1027-1032.	1.2	14
53	The molecular selectivity of phospholipase D in HL60 granulocytes. FEBS Letters, 1995, 364, 250-254.	1.3	16
54	Hepatic phospholipid molecular species in the guinea pig adaptations to pregnancy. Lipids, 1994, 29, 259-264.	0.7	36

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55	Plasma lipid concentrations in children with cystic fibrosis: the value of a high-fat diet and pancreatic supplementation. <i>British Journal of Nutrition</i> , 1994, 71, 959-964.	1.2	10
56	Effects of the glucocorticoid agonist, RU28362, and the antagonist RU486 on lung phosphatidylcholine and antioxidant enzyme development in the genetically obese Zucker rat. <i>Biochemical Pharmacology</i> , 1993, 45, 543-551.	2.0	6
57	Phospholipase A2 specificities determined in mixed substrate vesicles using a combination of continuous fluorescence displacement and quantitative HPLC analyses. <i>Biochemical Society Transactions</i> , 1992, 20, 298S-298S.	1.6	0
58	Late gestation changes in rat tissue phosphatidylcholine composition. <i>Biochemical Society Transactions</i> , 1991, 19, 111S-111S.	1.6	2
59	The biosynthesis of phosphatidylcholine molecular species in fetal and neonatal guinea pig lung. <i>Biochemical Society Transactions</i> , 1991, 19, 112S-112S.	1.6	2
60	The biosynthesis of molecular species of phosphatidylcholine in neonatal guinea pig liver. <i>Biochemical Society Transactions</i> , 1991, 19, 113S-113S.	1.6	1
61	Mechanisms of Phosphatidylcholine Acyl Remodeling by Human Fetal Lung. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1991, 5, 363-370.	1.4	14
62	Developmental changes in individual molecular species of phosphatidylcholine from fetal lungs of rat, guinea-pig and man. <i>Biochemical Society Transactions</i> , 1989, 17, 729-730.	1.6	0
63	Effect of fatty acid supplementation on phosphatidylcholine synthesis by organ cultures of human fetal lung. <i>Biochemical Society Transactions</i> , 1989, 17, 730-731.	1.6	0
64	Antioxidant enzyme activities in organ cultures of human fetal lung. <i>Biochemical Society Transactions</i> , 1989, 17, 699-700.	1.6	0
65	Method for the sensitive analysis of individual molecular species of phosphatidylcholine by high-performance liquid chromatography using post-column fluorescence detection. <i>Biomedical Applications</i> , 1987, 415, 241-251.	1.7	73
66	Dye-affinity chromatography of CTP: cholinephosphate cytidyltransferase. <i>Biochemical Society Transactions</i> , 1986, 14, 1279-1280.	1.6	3
67	The identity of surfactant apolipoprotein in adult and fetal lung. <i>Biochemical Society Transactions</i> , 1985, 13, 197-198.	1.6	0
68	Phospholipid synthesis by organotypic cell cultures of fetal human lung. <i>Biochemical Society Transactions</i> , 1985, 13, 1204-1204.	1.6	0
69	Glucocorticoid Hormones Have a Permissive Role in the Phosphorylation of L-Type Pyruvate Kinase by Glucagon. <i>FEBS Journal</i> , 1982, 124, 103-108.	0.2	17
70	The permissive action of glucocorticoid on the inhibition of hepatic lipogenesis by glucagon in the rat. <i>Biochemical Society Transactions</i> , 1980, 8, 383-384.	1.6	0
71	Regulation of cholesterol synthesis in skin fibroblasts derived from old people. <i>Atherosclerosis</i> , 1979, 33, 359-364.	0.4	12