

# A D Postle

## List of Publications by Year in descending order

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53  
papers

2,275  
citations

201575

27  
h-index

214721

47  
g-index

54  
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54  
docs citations

54  
times ranked

1673  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	A comparison of the molecular species compositions of mammalian lung surfactant phospholipids. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2001, 129, 65-73.	0.8	160
3	Altered airway surfactant phospholipid composition and reduced lung function in asthma. <i>Journal of Applied Physiology</i> , 2000, 89, 1283-1292.	1.2	134
4	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
5	Lipid metabolism in pregnancy. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 1982, 89, 211-215.	1.1	120
6	Conductive Airway Surfactant: Surface-tension Function, Biochemical Composition, and Possible Alveolar Origin. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1997, 17, 41-50.	1.4	120
7	Highly Saturated Endonuclear Phosphatidylcholine Is Synthesized in Situ and Colocated with CDP-choline Pathway Enzymes. <i>Journal of Biological Chemistry</i> , 2001, 276, 8492-8499.	1.6	110
8	High-Performance Liquid Chromatographic Analysis of Phospholipids from Different Sources with Combined Fluorescence and Ultraviolet Detection. <i>Analytical Biochemistry</i> , 1994, 220, 172-180.	1.1	81
9	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
10	Pulmonary surfactant in birds: coping with surface tension in a tubular lung. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2001, 281, R327-R337.	0.9	71
11	Mechanisms of hepatic phosphatidylcholine synthesis in adult rat: effects of pregnancy. <i>Biochemical Journal</i> , 1994, 303, 941-947.	1.7	70
12	Catalase, superoxide dismutase and glutathione peroxidase activities of lung and liver during human development. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1992, 1117, 153-158.	1.1	66
13	The composition of individual molecular species of plasma phosphatidylcholine in human pregnancy. <i>Early Human Development</i> , 1995, 43, 47-58.	0.8	66
14	Composition of phospholipid classes and phosphatidylcholine molecular species of gastric mucosa and mucus. <i>Lipids and Lipid Metabolism</i> , 1995, 1255, 99-104.	2.6	61
15	Phospholipid molecular species of bronchoalveolar lavage fluid after local allergen challenge in asthma. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2000, 278, L305-L311.	1.3	61
16	A robust and versatile mass spectrometry platform for comprehensive assessment of the thiol redox metabolome. <i>Redox Biology</i> , 2018, 16, 359-380.	3.9	60
17	Developmental variation in whole human lung phosphatidylcholine molecular species: a comparison with guinea pig and rat. <i>Early Human Development</i> , 1991, 25, 157-171.	0.8	51
18	Effect of maternal ethanol consumption during pregnancy on the phospholipid molecular species composition of fetal guinea-pig brain, liver and plasma. <i>Lipids and Lipid Metabolism</i> , 1995, 1256, 346-352.	2.6	48

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19	A comparison of the specificity of phosphatidylcholine synthesis by human fetal lung maintained in either organ or organotypic culture. <i>Biochemical Journal</i> , 1988, 253, 451-457.	1.7	47
20	Lipidome analysis of Symbiodiniaceae reveals possible mechanisms of heat stress tolerance in reef coral symbionts. <i>Coral Reefs</i> , 2019, 38, 1241-1253.	0.9	47
21	Hepatic phospholipid molecular species in the guinea pig adaptations to pregnancy. <i>Lipids</i> , 1994, 29, 259-264.	0.7	36
22	Phospholipid molecular species composition of developing fetal guinea pig brain. <i>Lipids</i> , 1995, 30, 719-724.	0.7	34
23	The pre-term guinea-pig: a model for the study of neonatal lung disease. <i>Clinical Science</i> , 1991, 81, 439-446.	1.8	33
24	Phosphatidylcholine composition of endotracheal tube aspirates of neonates and subsequent respiratory disease.. <i>Archives of Disease in Childhood</i> , 1992, 67, 378-382.	1.0	31
25	Synthesis of phosphatidylcholine in guinea-pig fetal lung involves acyl remodelling and differential turnover of individual molecular species. <i>Lipids and Lipid Metabolism</i> , 1993, 1166, 251-257.	2.6	31
26	Mechanisms of hepatic phosphatidylcholine synthesis in the developing guinea pig: contributions of acyl remodelling and of N-methylation of phosphatidylethanolamine. <i>Biochemical Journal</i> , 1993, 290, 67-73.	1.7	29
27	The Effect of Eicosapentaenoic Acid on Rat Lymphocyte Proliferation Depends Upon Its Position in Dietary Triacylglycerols. <i>Journal of Nutrition</i> , 2003, 133, 4230-4238.	1.3	29
28	Pulmonary and gastric surfactants. A comparison of the effect of surface requirements on function and phospholipid composition. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2001, 129, 173-182.	0.8	26
29	Electrospray ionisation mass spectrometric analysis of lipid restructuring in the carp ( <i>Cyprinus</i> ) Tj ETQq1 1 0.784314 rgBT/Overlook	0.8	26
30	CTP: Cholinephosphate cytidyltransferase in human and rat lung: Association in vitro with cytoskeletal actin. <i>Lipids and Lipid Metabolism</i> , 1990, 1043, 19-26.	2.6	18
31	Surfactant phosphatidylcholine composition during dexamethasone treatment in chronic lung disease. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 1994, 71, F114-F117.	1.4	16
32	The molecular selectivity of phospholipase D in HL60 granulocytes. <i>FEBS Letters</i> , 1995, 364, 250-254.	1.3	16
33	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. <i>Biochemical Society Transactions</i> , 2004, 32, 1057-1059.	1.6	16
34	Use of mass spectrometry-based lipidomics to probe PITP $\beta$ (phosphatidylinositol transfer protein $\beta$ ) function inside the nuclei of PITP $\beta$ <sup>+/+</sup> and PITP $\beta$ <sup>-/-</sup> cells. <i>Biochemical Society Transactions</i> , 2004, 32, 1063-1065.	1.6	15
35	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
36	Mammalian secreted and cytosolic phospholipase A2 show different specificities for phospholipid molecular species. <i>International Journal of Biochemistry and Cell Biology</i> , 1995, 27, 1027-1032.	1.2	14

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37	Turnover of exogenous artificial surfactant.. Archives of Disease in Childhood, 1992, 67, 383-387.	1.0	13
38	Lipidomic analysis of the molecular specificity of a cholinephosphotransferase in situ. Biochemical Society Transactions, 2004, 32, 1060-1062.	1.6	12
39	Plasma lipid concentrations in children with cystic fibrosis: the value of a high-fat diet and pancreatic supplementation. British Journal of Nutrition, 1994, 71, 959-964.	1.2	10
40	Rat gastric hydrophobic barrier: Modulation of phosphatidylcholine molecular species by dietary lipids. Lipids, 1996, 31, 507-511.	0.7	7
41	The role of pulmonary surfactant in the asthmatic response. Clinical and Experimental Allergy, 2000, 30, 1201-1204.	1.4	7
42	Individual Molecular Species of Phosphatidylcholine from Fetal and Neonatal Lung1. Progress in Respiratory Research, 1990, 25, 196-199.	0.1	6
43	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
44	Phospholipid composition of neonatal guinea pig liver and plasma: Effect of postnatal food restriction. Lipids, 1996, 31, 489-495.	0.7	6
45	Neutrophils and oxygen-induced lung injury: a case of when a few is still too many. Redox Report, 1994, 1, 37-44.	1.4	5
46	Ontogeny of Circulating Leucocytes in the Fetal Guinea Pig. Neonatology, 1996, 70, 108-115.	0.9	4
47	Pregnancy-Associated Adaptations to Hepatic Phosphatidylcholine Biosynthesis in the Guinea-Pig. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 1998, 119, 265-272.	0.7	4
48	Late gestation changes in rat tissue phosphatidylcholine composition. Biochemical Society Transactions, 1991, 19, 111S-111S.	1.6	2
49	The biosynthesis of phosphatidylcholine molecular species in fetal and neonatal guinea pig lung. Biochemical Society Transactions, 1991, 19, 112S-112S.	1.6	2
50	The biosynthesis of molecular species of phosphatidylcholine in neonatal guinea pig liver. Biochemical Society Transactions, 1991, 19, 113S-113S.	1.6	1
51	Multi-omic analysis of the effects of low frequency ventilation during cardiopulmonary bypass surgery. International Journal of Cardiology, 2020, 309, 40-47.	0.8	1
52	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
53	Membrane phosphatidylcholine composition of human lymphocytes in neonates. Biochemical Society Transactions, 1997, 25, 346S-346S.	1.6	0