Paul L Else

List of Publications by Year
in descending order

63 papers	3,405 citations	186265 28 h-index	138484 58 g-index
63 all docs	63 docs citations	63 times ranked	3726 citing authors

#	Article	IF	Citations
1	Changes in Phospholipid Composition of the Human Cerebellum and Motor Cortex during Normal Ageing. Nutrients, 2022, 14, 2495.	4.1	2
2	Effect of liraglutide on neural and peripheral markers of metabolic function during antipsychotic treatment in rats. Journal of Psychopharmacology, 2021, 35, 284-302.	4.0	5
3	Tau Is Truncated in Five Regions of the Normal Adult Human Brain. International Journal of Molecular Sciences, 2021, 22, 3521.	4.1	10
4	Fingertip Whole Blood as an Indicator of Omega-3 Long-Chain Polyunsaturated Fatty Acid Changes during Dose-Response Supplementation in Women: Comparison with Plasma and Erythrocyte Fatty Acids. Nutrients, 2021, 13, 1419.	4.1	3
5	Mammals to membranes: A reductionist story. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2021, 253, 110552.	1.6	5
6	The adult lifespan of the female honey bee (Apis mellifera): Metabolic rate, AGE pigment and the effect of dietary fatty acids. Mechanisms of Ageing and Development, 2021, 199, 111562.	4.6	2
7	The highly unnatural fatty acid profile of cells in culture. Progress in Lipid Research, 2020, 77, 101017.	11.6	46
8	Postnatal development in the rat: Changes in Na+ flux, sodium pump molecular activity and membrane lipid composition. Mechanisms of Development, 2020, 162, 103610.	1.7	2
9	High Variability in Erythrocyte, Plasma and Whole Blood EPA and DHA Levels in Response to Supplementation. Nutrients, 2020, 12, 1017.	4.1	13
10	Honeybee caste lipidomics in relation to life-history stages and the long life of the queen. Journal of Experimental Biology, 2019, 222, .	1.7	18
11	Liraglutide prevents metabolic side-effects and improves recognition and working memory during antipsychotic treatment in rats. Journal of Psychopharmacology, 2018, 32, 578-590.	4.0	28
12	Effect of Low Dose Docosahexaenoic Acid-Rich Fish Oil on Plasma Lipids and Lipoproteins in Pre-Menopausal Women: A Doseâ€"Response Randomized Placebo-Controlled Trial. Nutrients, 2018, 10, 1460.	4.1	9
13	The phospholipid composition of the human entorhinal cortex remains relatively stable over 80Âyears of adult aging. GeroScience, 2017, 39, 73-82.	4.6	24
14	Membrane peroxidation in vertebrates: Potential role in metabolism and growth. European Journal of Lipid Science and Technology, 2017, 119, 1600319.	1.5	10
15	The thermal dependence of Na+ flux in isolated liver cells from ectotherms and endotherms. Journal of Experimental Biology, 2016, 219, 2098-102.	1.7	4
16	Decreases in Phospholipids Containing Adrenic and Arachidonic Acids Occur in the Human Hippocampus over the Adult Lifespan. Lipids, 2015, 50, 861-872.	1.7	30
17	Human prefrontal cortex phospholipids containing docosahexaenoic acid increase during normal adult aging, whereas those containing arachidonic acid decrease. Neurobiology of Aging, 2015, 36, 1659-1669.	3.1	50
18	An antioxidant-like action for non-peroxidisable phospholipids using ferrous iron as a peroxidation initiator. Biochimica Et Biophysica Acta - Biomembranes, 2015, 1848, 1303-1307.	2.6	5

#	ARTICLE	IF	CITATIONS
19	Of mice, pigs and humans: An analysis of mitochondrial phospholipids from mammals with very different maximal lifespans. Experimental Gerontology, 2015, 70, 135-143.	2.8	29
20	Docosahexaenoic and arachidonic acid peroxidation: It's a within molecule cascade. Biochimica Et Biophysica Acta - Biomembranes, 2015, 1848, 417-421.	2.6	29
21	Dinosaur lactation?. Journal of Experimental Biology, 2013, 216, 347-351.	1.7	4
22	Dietary Docosahexaenoic Acid (22:6) Incorporates into Cardiolipin at the Expense of Linoleic Acid (18:2): Analysis and Potential Implications. International Journal of Molecular Sciences, 2012, 13, 15447-15463.	4.1	25
23	Selective reduction of hydroperoxyeicosatetraenoic acids to their hydroxy derivatives by apolipoprotein D: implications for lipid antioxidant activity and Alzheimer's disease. Biochemical Journal, 2012, 442, 713-721.	3.7	62
24	Fatty acid composition of membrane bilayers: Importance of diet polyunsaturated fat balance. Biochimica Et Biophysica Acta - Biomembranes, 2012, 1818, 1309-1317.	2.6	194
25	Phospholipid Peroxidation: Lack of Effect of Fatty Acid Pairing. Lipids, 2012, 47, 451-460.	1.7	12
26	The Ï‰-3 and Ï‰-6 fats in meals: A proposal for a simple new label. Nutrition, 2011, 27, 719-726.	2.4	7
27	Membrane fatty acid composition of rat skeletal muscle is most responsive to the balance of dietary n-3 and n-6 PUFA. British Journal of Nutrition, 2010, 103, 522-529.	2.3	51
28	Cardiac Glycosides Ouabain and Digoxin Interfere with the Regulation of Glutamate Transporter GLAST in Astrocytes Cultured from Neonatal Rat Brain. Neurochemical Research, 2010, 35, 2062-2069.	3.3	18
29	Do Pregnant Women and Those at Risk of Developing Post-Natal Depression Consume Lower Amounts of Long Chain Omega-3 Polyunsaturated Fatty Acids?. Nutrients, 2010, 2, 198-213.	4.1	13
30	The Effect of Exercise on the Skeletal Muscle Phospholipidome of Rats Fed a High-Fat Diet. International Journal of Molecular Sciences, 2010, 11, 3954-3964.	4.1	14
31	Plasticity of Oxidative Metabolism in Variable Climates: Molecular Mechanisms. Physiological and Biochemical Zoology, 2010, 83, 721-732.	1.5	105
32	Rottlerin Inhibits (Na+, K+)-ATPase Activity in Brain Tissue and Alters d-Aspartate Dependent Redistribution of Glutamate Transporter GLAST in Cultured Astrocytes. Neurochemical Research, 2009, 34, 1767-1774.	3.3	8
33	Metabolic depression during aestivation does not involve remodelling of membrane fatty acids in two Australian frogs. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2009, 179, 857-866.	1.5	11
34	Systematic differences in membrane acyl composition associated with varying body mass in mammals occur in all phospholipid classes: an analysis of kidney and brain. Journal of Experimental Biology, 2008, 211, 3195-3204.	1.7	19
35	Differences in membrane acyl phospholipid composition between an endothermic mammal and an ectothermic reptile are not limited to any phospholipid class. Journal of Experimental Biology, 2007, 210, 3440-3450.	1.7	27
36	Limits to physical performance and metabolism across species. Current Opinion in Clinical Nutrition and Metabolic Care, 2006, 9, 691-696.	2.5	11

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37	How might you compare mitochondria from different tissues and different species?. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2006, 176, 93-105.	1.5	80
38	Calorie Restriction in Mice: Effects on Body Composition, Daily Activity, Metabolic Rate, Mitochondrial Reactive Oxygen Species Production, and Membrane Fatty Acid Composition. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2006, 61, 781-794.	3.6	95
39	Scaling of Na+,K+â€ATPase Molecular Activity and Membrane Fatty Acid Composition in Mammalian and Avian Hearts. Physiological and Biochemical Zoology, 2006, 79, 522-533.	1.5	28
40	Sodium pump molecular activity and membrane lipid composition in two disparate ectotherms, and comparison with endotherms. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2005, 175, 77-85.	1.5	18
41	Dietary fats and membrane function: implications for metabolism and disease. Biological Reviews, 2005, 80, 155-169.	10.4	300
42	Relationship between body size, Na+-K+-ATPase activity, and membrane lipid composition in mammal and bird kidney. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2005, 288, R301-R310.	1.8	34
43	Electric field strength of membrane lipids from vertebrate species: membrane lipid composition and Na+-K+-ATPase molecular activity. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2005, 288, R663-R670.	1.8	61
44	An allometric comparison of microsomal membrane lipid composition and sodium pump molecular activity in the brain of mammals and birds. Journal of Experimental Biology, 2005, 208, 371-381.	1.7	31
45	Membranes and the setting of energy demand. Journal of Experimental Biology, 2005, 208, 1593-1599.	1.7	135
46	Why are some mitochondria more powerful than others: Insights from comparisons of muscle mitochondria from three terrestrial vertebrates. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2005, 142, 172-180.	1.6	27
47	Exercise alters the profile of phospholipid molecular species in rat skeletal muscle. Journal of Applied Physiology, 2004, 97, 1823-1829.	2.5	60
48	Greater effect of diet than exercise training on the fatty acid profile of rat skeletal muscle. Journal of Applied Physiology, 2004, 96, 974-980.	2.5	33
49	The Evolution of Endothermy: Role for Membranes and Molecular Activity. Physiological and Biochemical Zoology, 2004, 77, 950-958.	1.5	52
50	Basal Metabolic Rate: History, Composition, Regulation, and Usefulness. Physiological and Biochemical Zoology, 2004, 77, 869-876.	1.5	184
51	Respiration rate of hepatocytes varies with body mass in birds. Journal of Experimental Biology, 2004, 207, 2305-2311.	1.7	65
52	Docosahexaenoic acid (DHA) content of membranes determines molecular activity of the sodium pump: implications for disease states and metabolism. Die Naturwissenschaften, 2003, 90, 521-523.	1.6	127
53	Membranes as metabolic pacemakers. Clinical and Experimental Pharmacology and Physiology, 2003, 30, 559-564.	1.9	29
54	Molecular Activity of Sodium Pumps in the Kidney of Mammals and Birds. Annals of the New York Academy of Sciences, 2003, 986, 606-607.	3.8	4

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55	Molecular Activity of Na⁺,K⁺â€ATPase Relates to the Packing of Membrane Lipids. Annals of the New York Academy of Sciences, 2003, 986, 525-526.	3.8	10
56	Proton conductance and fatty acyl composition of liver mitochondria correlates with body mass in birds. Biochemical Journal, 2003, 376, 741-748.	3.7	134
57	Proton leak in hepatocytes and liver mitochondria from archosaurs (crocodiles) and allometric relationships for ectotherms. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2002, 172, 387-397.	1.5	63
58	Molecular activity of Na+/K+-ATPase from different sources is related to the packing of membrane lipids. Journal of Experimental Biology, 2001, 204, 4271-4280.	1.7	74
59	Mechanisms Underlying the Cost of Living in Animals. Annual Review of Physiology, 2000, 62, 207-235.	13.1	354
60	Membranes as Possible Pacemakers of Metabolism. Journal of Theoretical Biology, 1999, 199, 257-274.	1.7	265
61	Polyunsaturated fatty acids, membrane function and metabolic diseases such as diabetes and obesity. Current Opinion in Clinical Nutrition and Metabolic Care, 1998, 1, 559-563.	2.5	90
62	Activation of sodium transport and intracellular sodium lowering by the neuroleptic drug chlorpromazine. Biochemical Pharmacology, 1997, 54, 275-281.	4.4	7
63	An allometric comparison of the mitochondria of mammalian and reptilian tissues: The implications for the evolution of endothermy. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 1985, 156, 3-11.	1.5	140