

Eric J Murphy

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

1,865
citations

346980

22
h-index

286692

43
g-index

55
all docs

55
docs citations

55
times ranked

2365
citing authors

#	ARTICLE	IF	CITATIONS
1	Alpha-linolenic acid and its conversion to longer chain n-3 fatty acids: Benefits for human health and a role in maintaining tissue n-3 fatty acid levels. <i>Progress in Lipid Research</i> , 2009, 48, 355-374.	5.3	447
2	Liver fatty acid-binding protein expression in transfected fibroblasts stimulates fatty acid uptake and metabolism. <i>Lipids and Lipid Metabolism</i> , 1996, 1301, 191-198.	2.6	130
3	Intestinal and liver fatty acid binding proteins differentially affect fatty acid uptake and esterification in L-cells. <i>Lipids</i> , 1995, 30, 907-910.	0.7	122
4	Î±-Synuclein Gene Deletion Decreases Brain Palmitate Uptake and Alters the Palmitate Metabolism in the Absence of Î±-Synuclein Palmitate Binding. <i>Biochemistry</i> , 2005, 44, 8251-8259.	1.2	94
5	Brain Arachidonic Acid Incorporation Is Decreased in Heart Fatty Acid Binding Protein Gene-Ablated Mice. <i>Biochemistry</i> , 2005, 44, 6350-6360.	1.2	86
6	Acyl-CoA Synthetase Activity Links Wild-Type but Not Mutant Î±-Synuclein to Brain Arachidonate Metabolism. <i>Biochemistry</i> , 2006, 45, 6956-6966.	1.2	76
7	Î±-Synuclein gene ablation increases docosahexaenoic acid incorporation and turnover in brain phospholipids. <i>Journal of Neurochemistry</i> , 2006, 101, 201-211.	2.1	72
8	Acidic hydrolysis of plasmalogens followed by high-performance liquid chromatography. <i>Lipids</i> , 1993, 28, 565-568.	0.7	70
9	Dietary Î±-linolenic acid increases brain but not heart and liver docosahexaenoic acid levels. <i>Lipids</i> , 2005, 40, 787-798.	0.7	57
10	Uptake and metabolism of plasma-derived erucic acid by rat brain. <i>Journal of Lipid Research</i> , 2006, 47, 1289-1297.	2.0	57
11	Rapid synthesis and turnover of brain microsomal ether phospholipids in the adult rat. <i>Journal of Lipid Research</i> , 2002, 43, 59-68.	2.0	55
12	Heart Fatty Acid Uptake Is Decreased in Heart Fatty Acid-binding Protein Gene-ablated Mice. <i>Journal of Biological Chemistry</i> , 2004, 279, 34481-34488.	1.6	49
13	Extracellular calcium is a mediator of astroglial injury during combined glucose-oxygen deprivation. <i>Brain Research</i> , 1992, 593, 45-50.	1.1	48
14	Lipid alterations following impact spinal cord injury in the rat. <i>Molecular and Chemical Neuropathology</i> , 1994, 23, 13-26.	1.0	46
15	Phospholipid composition of cultured human endothelial cells. <i>Lipids</i> , 1992, 27, 150-153.	0.7	42
16	Fatty Acid Binding Protein-1 (FABP1) and the Human FABP1 T94A Variant: Roles in the Endocannabinoid System and Dyslipidemias. <i>Lipids</i> , 2016, 51, 655-676.	0.7	41
17	Brain fixation for analysis of brain lipid-mediators of signal transduction and brain eicosanoids requires head-focused microwave irradiation: An historical perspective. <i>Prostaglandins and Other Lipid Mediators</i> , 2010, 91, 63-67.	1.0	39
18	Separation of neutral lipids by high-performance liquid chromatography: quantification by ultraviolet, light scattering and fluorescence detection. <i>Biomedical Applications</i> , 1996, 685, 9-14.	1.7	38

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19	Liver and intestinal fatty acid-binding protein expression increases phospholipid content and alters phospholipid fatty acid composition in L-cell fibroblasts. <i>Lipids</i> , 2000, 35, 729-738.	0.7	37
20	<sc>FABP</sc> gene ablation impacts brain endocannabinoid system in male mice. <i>Journal of Neurochemistry</i> , 2016, 138, 407-422.	2.1	29
21	<i>Fabp1</i> gene ablation inhibits high-fat diet-induced increase in brain endocannabinoids. <i>Journal of Neurochemistry</i> , 2017, 140, 294-306.	2.1	24
22	Intravenously injected [1-14C]arachidonic acid targets phospholipids, and [1-14C]palmitic acid targets neutral lipids in hearts of awake rats. <i>Lipids</i> , 2000, 35, 891-898.	0.7	22
23	The blood-brain barrier and protein-mediated fatty acid uptake: role of the blood-brain barrier as a metabolic barrier. <i>Journal of Neurochemistry</i> , 2017, 141, 324-329.	2.1	22
24	Erucic Acid is Differentially Taken up and Metabolized in Rat Liver and Heart. <i>Lipids</i> , 2008, 43, 391-400.	0.7	21
25	Female Mice are Resistant to <i>Fabp1</i> Gene Ablation-Induced Alterations in Brain Endocannabinoid Levels. <i>Lipids</i> , 2016, 51, 1007-1020.	0.7	17
26	Sterol carrier protein-2: Not just for cholesterol any more. <i>Molecular and Cellular Biochemistry</i> , 2002, 239, 87-93.	1.4	16
27	Composition of the phospholipids and their fatty acids in the ROC-1 oligodendroglial cell line. <i>Lipids</i> , 1993, 28, 67-71.	0.7	13
28	Fatty acid uptake in diabetic rat adipocytes. <i>Molecular and Cellular Biochemistry</i> , 1997, 167, 1-10.	1.4	13
29	Prenatal Ethanol Exposure Increases Brain Cholesterol Content in Adult Rats. <i>Lipids</i> , 2013, 48, 1059-1068.	0.7	11
30	Blood-brain barrier and brain fatty acid uptake: Role of arachidonic acid and <sc>PGE</sc>. <i>Journal of Neurochemistry</i> , 2015, 135, 845-848.	2.1	11
31	Sterol Carrier Protein-2/Sterol Carrier Protein-X/Fatty Acid Binding Protein-1 Ablation Impacts Response of Brain Endocannabinoid to High-Fat Diet. <i>Lipids</i> , 2019, 54, 583-601.	0.7	9
32	Fatty acid double bond orientation alters interaction with L-cell fibroblasts. <i>Molecular and Cellular Biochemistry</i> , 1996, 155, 113-9.	1.4	8
33	Sterol carrier protein-2: not just for cholesterol any more. <i>Molecular and Cellular Biochemistry</i> , 2002, 239, 87-93.	1.4	8
34	The Importance of Ethical Peer-Review: Why Do We Ask Authors to Suggest Reviewers Anyway?. <i>Lipids</i> , 2015, 50, 1165-1166.	0.7	5
35	Lipids: 50th Anniversary Celebration and the Future. <i>Lipids</i> , 2015, 50, 1-2.	0.7	5
36	Phospholipid mass is increased in fibroblasts bearing the Swedish amyloid precursor mutation. <i>Brain Research Bulletin</i> , 2006, 69, 79-85.	1.4	4

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37	Impact Factor and Science Publishing: What Impact Should It Have on Selecting Journals in Which We Publish?. <i>Lipids</i> , 2013, 48, 431-433.	0.7	4
38	Ether lipids and their elusive function in the nervous system: a role for plasmalogens. <i>Journal of Neurochemistry</i> , 2017, 143, 463-466.	2.1	4
39	Scp-2/Scp-x ablation in Fabp1 null mice differentially impacts hepatic endocannabinoid level depending on dietary fat. <i>Archives of Biochemistry and Biophysics</i> , 2018, 650, 93-102.	1.4	3
40	Citations: The Rules They Didn't Teach You. <i>Lipids</i> , 2011, 46, 307-309.	0.7	2
41	A lipid neurochemist's siren: docosahexaenoic acid and its elusive function in the central nervous system. <i>Journal of Neurochemistry</i> , 2013, 127, 299-302.	2.1	2
42	Glucose as a carbon source to synthesize palmitate de novo in the adult rodent brain: Adding to the carbon recycling story in the brain. <i>Journal of Neurochemistry</i> , 2022, 161, 109-111.	2.1	2
43	Role of FABP in Cellular Phospholipid Metabolism. , 0, , 327-342.		1
44	Scientific Misconduct and Lipids: A View from an Editor-in-Chief. <i>Lipids</i> , 2013, 48, 1-2.	0.7	1
45	Is Tweeting Important for Technical Writing? Absolutely. <i>Lipids</i> , 2016, 51, 653-653.	0.7	1
46	So You Want to Publish in Lipids: Tips for Authors to Enhance Their Potential for Success. <i>Lipids</i> , 2017, 52, 383-384.	0.7	1
47	Are You a Good Citizen of Science?. <i>Lipids</i> , 2011, 46, 207-207.	0.7	0
48	Carbon recycling goes full circle: fatty acids to excitatory amino acids and now excitatory amino acids to fatty acids. <i>Journal of Neurochemistry</i> , 2014, 129, 363-365.	2.1	0
49	A New Era for Lipids: Introduction of Rapid Communications. <i>Lipids</i> , 2016, 51, 149-150.	0.7	0
50	An Ethical Dilemma: To Share or Not To Share Your Paper Published in <i>Lipids</i> Using an Online Outlet. <i>Lipids</i> , 2017, 52, 573-574.	0.7	0
51	A New Year and a New Publishing Partnership With Wiley. <i>Lipids</i> , 2018, 53, 3-4.	0.7	0
52	Why We Care about Ethics and Ethical Publishing at <i>Lipids</i> . <i>Lipids</i> , 2019, 54, 3-4.	0.7	0
53	My Tenure as Editor-in-Chief of <i>Lipids</i> : What I Learned. <i>Lipids</i> , 2020, 55, 3-4.	0.7	0
54	Impact Factor vs Integrity Factor: Which Siren Should Be Our Guide?. <i>Lipids</i> , 2020, 55, 5-6.	0.7	0