

Harold M. Aukema

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

975
citations

687363

13
h-index

526287

27
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28
all docs

28
docs citations

28
times ranked

1309
citing authors

#	ARTICLE	IF	CITATIONS
1	Advances in Our Understanding of Oxylipins Derived from Dietary PUFAs. <i>Advances in Nutrition</i> , 2015, 6, 513-540.	6.4	524
2	Modulation of renal injury in <i>pcy/pcy</i> mice by dietary fat containing n ³ fatty acids depends on the level and type of fat. <i>Lipids</i> , 2004, 39, 207-214.	1.7	45
3	Long-Term High Intake of Whole Proteins Results in Renal Damage in Pigs. <i>Journal of Nutrition</i> , 2010, 140, 1646-1652.	2.9	43
4	Dietary LA and sex effects on oxylipin profiles in rat kidney, liver, and serum differ from their effects on PUFAs. <i>Journal of Lipid Research</i> , 2017, 58, 1702-1712.	4.2	41
5	Dietary ALA, EPA and DHA have distinct effects on oxylipin profiles in female and male rat kidney, liver and serum. <i>Journal of Nutritional Biochemistry</i> , 2018, 57, 228-237.	4.2	34
6	Dietary fish oil reduces glomerular injury and elevated renal hydroxyeicosatetraenoic acid levels in the JCR:LA- <i>cp</i> rat, a model of the metabolic syndrome. <i>British Journal of Nutrition</i> , 2013, 110, 11-19.	2.3	27
7	The Brain Oxylipin Profile Is Resistant to Modulation by Dietary n ⁶ and n ³ Polyunsaturated Fatty Acids in Male and Female Rats. <i>Lipids</i> , 2019, 54, 67-80.	1.7	27
8	Distinctive effects of plant protein sources on renal disease progression and associated cardiac hypertrophy in experimental kidney disease. <i>Molecular Nutrition and Food Research</i> , 2011, 55, 1044-1051.	3.3	24
9	Alpha-linolenic acid enhances the phagocytic and secretory functions of alternatively activated macrophages in part via changes to the oxylipin profile. <i>International Journal of Biochemistry and Cell Biology</i> , 2020, 119, 105662.	2.8	22
10	Time Course and Sex Effects of $\hat{\pm}$ -Linolenic Acid-Rich and DHA-Rich Supplements on Human Plasma Oxylipins: A Randomized Double-Blind Crossover Trial. <i>Journal of Nutrition</i> , 2021, 151, 513-522.	2.9	19
11	Cyclooxygenase product inhibition with acetylsalicylic acid slows disease progression in the Han:SPRD-Cy rat model of polycystic kidney disease. <i>Prostaglandins and Other Lipid Mediators</i> , 2015, 116-117, 19-25.	1.9	18
12	The Cardioprotective Role of Flaxseed in the Prevention of Doxorubicin- and Trastuzumab-Mediated Cardiotoxicity in C57BL/6 Mice. <i>Journal of Nutrition</i> , 2020, 150, 2353-2363.	2.9	18
13	Renal cyclooxygenase and lipoxygenase products are altered in polycystic kidneys and by dietary soy protein and fish oil treatment in the Han:SPRD- <i>Cy</i> rat. <i>Molecular Nutrition and Food Research</i> , 2014, 58, 768-781.	3.3	16
14	A dietary conjugated linoleic acid treatment that slows renal disease progression alters renal cyclooxygenase-2-derived prostanoids in the Han:SPRD-cy rat. <i>Journal of Nutritional Biochemistry</i> , 2012, 23, 908-914.	4.2	14
15	Dietary soy protein reduces early renal disease progression and alters prostanoid production in obese f/f Zucker rats. <i>Journal of Nutritional Biochemistry</i> , 2008, 19, 255-262.	4.2	12
16	Renal Cyclooxygenase Products are Higher and Lipoxygenase Products are Lower in Early Disease in the <i>pcy/pcy</i> Mouse Model of Adolescent Nephronophthisis. <i>Lipids</i> , 2014, 49, 39-47.	1.7	10
17	Dietary flax oil rich in $\hat{\pm}$ -linolenic acid reduces renal disease and oxylipin abnormalities, including formation of docosahexaenoic acid derived oxylipins in the CD1- <i>pcy/pcy</i> mouse model of nephronophthisis. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2015, 94, 83-89.	2.2	10
18	Oils Rich in $\hat{\pm}$ -Linolenic Acid or Docosahexaenoic Acid Have Distinct Effects on Plasma Oxylipin and Adiponectin Concentrations and on Monocyte Bioenergetics in Women with Obesity. <i>Journal of Nutrition</i> , 2021, 151, 3053-3066.	2.9	10

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19	Lack of Benefit of Early Intervention with Dietary Flax and Fish Oil and Soy Protein in Orthologous Rodent Models of Human Hereditary Polycystic Kidney Disease. PLoS ONE, 2016, 11, e0155790.	2.5	10
20	Overexpression of kidney phosphatidylinositol 4-kinase ² and phospholipase C ³¹ proteins in two rodent models of polycystic kidney disease. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2002, 1587, 99-106.	3.8	9
21	Cyclooxygenase 2 inhibition slows disease progression and improves the altered renal lipid mediator profile in the Pkd2 ^{WS25/Δ} mouse model of autosomal dominant polycystic kidney disease. Journal of Nephrology, 2019, 32, 401-409.	2.0	9
22	Adipose tissue oxylipin profiles vary by anatomical site and are altered by dietary linoleic acid in rats. Prostaglandins Leukotrienes and Essential Fatty Acids, 2019, 141, 24-32.	2.2	9
23	COX-2 expression in cystic kidneys is dependent on dietary n-3 fatty acid composition [†] . Journal of Nutritional Biochemistry, 2007, 18, 806-812.	4.2	7
24	Linoleic acid derived oxylipins are elevated in kidney and liver and reduced in serum in rats given a high-protein diet. Journal of Nutritional Biochemistry, 2018, 61, 40-47.	4.2	6
25	Spleen Oxylipin and Polyunsaturated Fatty Acid Profiles are Altered by Dietary Source of Polyunsaturated Fatty Acid and by Sex. Lipids, 2020, 55, 261-270.	1.7	4
26	Comparing Flaxseed and Perindopril in the Prevention of Doxorubicin and Trastuzumab-Induced Cardiotoxicity in C57Bl/6 Mice. Current Oncology, 2022, 29, 2941-2953.	2.2	4
27	The Plasma Oxylipidome Links Smoking Status to Peripheral Artery Disease. Metabolites, 2022, 12, 627.	2.9	3
28	High Dietary Protein Does Not Alter Renal Prostanoids and Other Oxylipins in Normal Mice or in Those with Inherited Kidney Disease. Journal of Nutrition, 2020, 150, 1135-1143.	2.9	0