

Kevin L Fritsche

List of Publications by Year in Descending Order

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Version: 2024-04-26

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

46
papers

1,841
citations

21
h-index

42
g-index

48
ext. papers

2,081
ext. citations

4.2
avg, IF

5.38
L-index

#	Paper	IF	Citations
46	Docosahexaenoic Acid (DHA) Supplementation Alters Phospholipid Species and Lipid Peroxidation Products in Adult Mouse Brain, Heart, and Plasma. <i>NeuroMolecular Medicine</i> , 2021 , 23, 118-129	4.6	2
45	Maternal DHA supplementation influences sex-specific disruption of placental gene expression following early prenatal stress. <i>Biology of Sex Differences</i> , 2021 , 12, 10	9.3	0
44	Effects of ER α and ER β on OVX-induced changes in adiposity and insulin resistance. <i>Journal of Endocrinology</i> , 2020 , 245, 165-178	4.7	10
43	Quantitative Proteomics Reveals Docosahexaenoic Acid-Mediated Neuroprotective Effects in Lipopolysaccharide-Stimulated Microglial Cells. <i>Journal of Proteome Research</i> , 2020 , 19, 2236-2246	5.6	5
42	Maternal Dietary Docosahexaenoic Acid Alters Lipid Peroxidation Products and (n-3)/(n-6) Fatty Acid Balance in Offspring Mice. <i>Metabolites</i> , 2019 , 9,	5.6	12
41	Quercetin Potentiates Docosahexaenoic Acid to Suppress Lipopolysaccharide-induced Oxidative/Inflammatory Responses, Alter Lipid Peroxidation Products, and Enhance the Adaptive Stress Pathways in BV-2 Microglial Cells. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	16
40	Beta 3 Adrenergic Receptor Activation Rescues Metabolic Dysfunction in Female Estrogen Receptor Alpha-Null Mice. <i>Frontiers in Physiology</i> , 2019 , 10, 9	4.6	12
39	Yin-Yang Mechanisms Regulating Lipid Peroxidation of Docosahexaenoic Acid and Arachidonic Acid in the Central Nervous System. <i>Frontiers in Neurology</i> , 2019 , 10, 642	4.1	38
38	DHA Mitigates Autistic Behaviors Accompanied by Dopaminergic Change in a Gene/Prenatal Stress Mouse Model. <i>Neuroscience</i> , 2018 , 371, 407-419	3.9	17
37	Docosahexaenoic acid (DHA): An essential nutrient and a nutraceutical for brain health and diseases. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2018 , 136, 3-13	2.8	124
36	Unveiling anti-oxidative and anti-inflammatory effects of docosahexaenoic acid and its lipid peroxidation product on lipopolysaccharide-stimulated BV-2 microglial cells. <i>Journal of Neuroinflammation</i> , 2018 , 15, 202	10.1	39
35	Fish oil supplementation benefits the murine host during the acute phase of a parasitic infection from <i>Trypanosoma cruzi</i> . <i>Nutrition Research</i> , 2017 , 41, 73-85	4	9
34	Creating the Future of Evidence-Based Nutrition Recommendations: Case Studies from Lipid Research. <i>Advances in Nutrition</i> , 2016 , 7, 747-55	10	4
33	An Investigation into the Immunomodulatory Activities of <i>Sutherlandia frutescens</i> in Healthy Mice. <i>PLoS ONE</i> , 2016 , 11, e0160994	3.7	
32	Phytochemicals and botanical extracts regulate NF- κ B and Nrf2/ARE reporter activities in DI TNC1 astrocytes. <i>Neurochemistry International</i> , 2016 , 97, 49-56	4.4	29
31	Inhibition of Gli/hedgehog signaling in prostate cancer cells by "cancer bush" <i>Sutherlandia frutescens</i> extract. <i>Cell Biology International</i> , 2016 , 40, 131-42	4.5	13
30	Immuno-stimulatory activity of a polysaccharide-enriched fraction of <i>Sutherlandia frutescens</i> occurs by the toll-like receptor-4 signaling pathway. <i>Journal of Ethnopharmacology</i> , 2015 , 172, 247-53	5	32

29	The science of fatty acids and inflammation. <i>Advances in Nutrition</i> , 2015 , 6, 293S-301S	10	186
28	High-Fat Diet Alters Serum Fatty Acid Profiles in Obesity Prone Rats: Implications for In Vitro Studies. <i>Lipids</i> , 2015 , 50, 997-1008	1.6	43
27	Unveiling the anti-inflammatory activity of <i>Sutherlandia frutescens</i> using murine macrophages. <i>International Immunopharmacology</i> , 2015 , 29, 254-262	5.8	10
26	Inhibition of microglial activation by elderberry extracts and its phenolic components. <i>Life Sciences</i> , 2015 , 128, 30-8	6.8	24
25	Dissociable effects of dorsal and ventral hippocampal DHA content on spatial learning and anxiety-like behavior. <i>Neurobiology of Learning and Memory</i> , 2014 , 116, 59-68	3.1	9
24	<i>Sutherlandia frutescens</i> ethanol extracts inhibit oxidative stress and inflammatory responses in neurons and microglial cells. <i>PLoS ONE</i> , 2014 , 9, e89748	3.7	21
23	Linoleic acid, vegetable oils & inflammation. <i>Missouri Medicine</i> , 2014 , 111, 41-3	0.8	6
22	Magnolia polyphenols attenuate oxidative and inflammatory responses in neurons and microglial cells. <i>Journal of Neuroinflammation</i> , 2013 , 10, 15	10.1	60
21	Comparison of inferred fractions of n-3 and n-6 polyunsaturated fatty acids in feral domestic cat diets with those in commercial feline extruded diets. <i>American Journal of Veterinary Research</i> , 2013 , 74, 589-97	1.1	2
20	High-fat diet alters serum fatty acid profiles in obesity prone rats: implications for in-vitro studies. <i>FASEB Journal</i> , 2013 , 27, 373.7	0.9	
19	Anti-inflammatory activities of <i>Lessertia frutescens</i> (<i>Sutherlandia</i>) extract in murine macrophages. <i>FASEB Journal</i> , 2013 , 27, 348.2	0.9	
18	Effect of dietary linoleic acid on markers of inflammation in healthy persons: a systematic review of randomized controlled trials. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2012 , 112, 1029-41, 1041.e1-15	3.9	164
17	Exercise and Omega-3 Polyunsaturated Fatty Acid Supplementation for the Treatment of Hepatic Steatosis in Hyperphagic OLETF Rats. <i>Journal of Nutrition and Metabolism</i> , 2012 , 2012, 268680	2.7	20
16	Too much linoleic acid promotes inflammation-doesn't it?. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2008 , 79, 173-5	2.8	106
15	Important differences exist in the dose-response relationship between diet and immune cell fatty acids in humans and rodents. <i>Lipids</i> , 2007 , 42, 961-79	1.6	48
14	Fatty acids as modulators of the immune response. <i>Annual Review of Nutrition</i> , 2006 , 26, 45-73	9.9	235
13	n-3 PUFA fail to affect in vivo, antigen-driven CD8+T-cell proliferation in the spleen of naïve mice. <i>British Journal of Nutrition</i> , 2006 , 95, 838-44	3.6	6
12	Distinct signaling pathways for induction of type II NOS by IFN γ and LPS in BV-2 microglial cells. <i>Neurochemistry International</i> , 2005 , 47, 298-307	4.4	62

11	Omega-3 polyunsaturated fatty acid impairment of early host resistance against <i>Listeria monocytogenes</i> infection is independent of neutrophil infiltration and function. <i>Cellular Immunology</i> , 2005 , 235, 65-71	4.4	13
10	Dietary (n-3) polyunsaturated fatty acids do not affect the in vivo development and function of <i>Listeria</i> -specific CD4+ and CD8+ effector and memory/effector T cells in mice. <i>Journal of Nutrition</i> , 2005 , 135, 1151-6	4.1	6
9	Dietary polyunsaturated fatty acids modulate in vivo, antigen-driven CD4+ T-cell proliferation in mice. <i>Journal of Nutrition</i> , 2004 , 134, 1978-83	4.1	14
8	Dietary fish oil impairs primary host resistance against <i>Listeria monocytogenes</i> more than the immunological memory response. <i>Journal of Nutrition</i> , 2003 , 133, 1163-9	4.1	28
7	Antigen-driven murine CD4+ T lymphocyte proliferation and interleukin-2 production are diminished by dietary (n-3) polyunsaturated fatty acids. <i>Journal of Nutrition</i> , 2002 , 132, 3293-300	4.1	45
6	(n-3) Fatty acids and infectious disease resistance. <i>Journal of Nutrition</i> , 2002 , 132, 3566-76	4.1	97
5	Fish oil source differentially affects rat immune cell alpha-tocopherol concentration. <i>Journal of Nutrition</i> , 1997 , 127, 1388-94	4.1	34
4	Alteration in mouse splenic phospholipid fatty acid composition and lymphoid cell populations by dietary fat. <i>Lipids</i> , 1992 , 27, 25-32	1.6	14
3	Effect of dietary alpha-linolenic acid on growth, metastasis, fatty acid profile and prostaglandin production of two murine mammary adenocarcinomas. <i>Journal of Nutrition</i> , 1990 , 120, 1601-9	4.1	90
2	Modulation of eicosanoid production and cell-mediated cytotoxicity by dietary alpha-linolenic acid in BALB/c mice. <i>Lipids</i> , 1989 , 24, 305-11	1.6	36
1	Rapid autoxidation of fish oil in diets without added antioxidants. <i>Journal of Nutrition</i> , 1988 , 118, 425-6	4.1	100