# Kevin L Fritsche

List of Publications by Year
in descending order



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|---|---|---|---|
| 47 papers | 2,309 citations | 279487 23 h-index | 243296 44 g-index |
| 48 all docs | 48 docs citations | 48 times ranked | 3741 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The Science of Fatty Acids and Inflammation. Advances in Nutrition, 2015, 6, 293S-301S. | 2.9 | 277 |
| 2 | Fatty Acids as Modulators of the Immune Response. Annual Review of Nutrition, 2006, 26, 45-73. | 4.3 | 273 |
| 3 | Effect of Dietary Linoleic Acid on Markers of Inflammation in Healthy Persons: A Systematic Review of Randomized Controlled Trials. Journal of the Academy of Nutrition and Dietetics, 2012, 112, 1029-1041.e15. | 0.4 | 201 |
| 4 | Docosahexaenoic acid (DHA): An essential nutrient and a nutraceutical for brain health and diseases. Prostaglandins Leukotrienes and Essential Fatty Acids, 2018, 136, 3-13. | 1.0 | 172 |
| 5 | Rapid Autoxidation of Fish Oil in Diets without Added Antioxidants. Journal of Nutrition, 1988, 118, 425-426. | 1.3 | 125 |
| 6 | Too much linoleic acid promotes inflammationâ€"doesnâ€™t it?. Prostaglandins Leukotrienes and Essential Fatty Acids, 2008, 79, 173-175. | 1.0 | 122 |
| 7 | (n-3) Fatty Acids and Infectious Disease Resistance. Journal of Nutrition, 2002, 132, 3566-3576. | 1.3 | 115 |
| 8 | Effect of Dietary Î±-Linolenic Acid on Growth, Metastasis, Fatty Acid Profile and Prostaglandin Production of Two Murine Mammary Adenocarcinomas. Journal of Nutrition, 1990, 120, 1601-1609. | 1.3 | 107 |
| 9 | Magnolia polyphenols attenuate oxidative and inflammatory responses in neurons and microglial cells. Journal of Neuroinflammation, 2013, 10, 15. | 3.1 | 73 |
| 10 | Distinct signaling pathways for induction of type II NOS by IFNÎ³ and LPS in BV-2 microglial cells. Neurochemistry International, 2005, 47, 298-307. | 1.9 | 67 |
| 11 | Important Differences Exist in the Doseâ€"Response Relationship between Diet and Immune Cell Fatty Acids in Humans and Rodents. Lipids, 2007, 42, 961-979. | 0.7 | 58 |
| 12 | Yin-Yang Mechanisms Regulating Lipid Peroxidation of Docosahexaenoic Acid and Arachidonic Acid in the Central Nervous System. Frontiers in Neurology, 2019, 10, 642. | 1.1 | 53 |
| 13 | Unveiling anti-oxidative and anti-inflammatory effects of docosahexaenoic acid and its lipid peroxidation product on lipopolysaccharide-stimulated BV-2 microglial cells. Journal of Neuroinflammation, 2018, 15, 202. | 3.1 | 52 |
| 14 | Highâ€Fat Diet Alters Serum Fatty Acid Profiles in Obesity Prone Rats: Implications for InVitro Studies. Lipids, 2015, 50, 997-1008. | 0.7 | 50 |
| 15 | Antigen-Driven Murine CD4+ T Lymphocyte Proliferation and Interleukin-2 Production Are Diminished by Dietary (n-3) Polyunsaturated Fatty Acids. Journal of Nutrition, 2002, 132, 3293-3300. | 1.3 | 48 |
| 16 | Modulation of eicosanoid production and cell-mediated cytotoxicity by dietary Î±-linolenic acid in BALB/c mice. Lipids, 1989, 24, 305-311. | 0.7 | 40 |
| 17 | Immuno-stimulatory activity of a polysaccharide-enriched fraction of Sutherlandia frutescens occurs by the toll-like receptor-4 signaling pathway. Journal of Ethnopharmacology, 2015, 172, 247-253. | 2.0 | 39 |
| 18 | Fish Oil Source Differentially Affects Rat Immune Cell Î±-Tocopherol Concentration. Journal of Nutrition, 1997, 127, 1388-1394. | 1.3 | 37 |

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|---|---|---|---|
| 19 | Inhibition of microglial activation by elderberry extracts and its phenolic components. Life Sciences, 2015, 128, 30-38. | 2.0 | 36 |
| 20 | Phytochemicals and botanical extracts regulate NF-Î¹B and Nrf2/ARE reporter activities in DI TNC1 astrocytes. Neurochemistry International, 2016, 97, 49-56. | 1.9 | 35 |
| 21 | Dietary Fish Oil Impairs Primary Host Resistance Against Listeria monocytogenes More than the Immunological Memory Response. Journal of Nutrition, 2003, 133, 1163-1169. | 1.3 | 32 |
| 22 | Exercise and Omega-3 Polyunsaturated Fatty Acid Supplementation for the Treatment of Hepatic Steatosis in Hyperphagic OLETF Rats. Journal of Nutrition and Metabolism, 2012, 2012, 1-12. | 0.7 | 25 |
| 23 | DHA Mitigates Autistic Behaviors Accompanied by Dopaminergic Change in a Gene/Prenatal Stress Mouse Model. Neuroscience, 2018, 371, 407-419. | 1.1 | 23 |
| 24 | Sutherlandia frutescens Ethanol Extracts Inhibit Oxidative Stress and Inflammatory Responses in Neurons and Microglial Cells. PLoS ONE, 2014, 9, e89748. | 1.1 | 23 |
| 25 | Effects of ERÎ² and ERÎ± on OVX-induced changes in adiposity and insulin resistance. Journal of Endocrinology, 2020, 245, 165-178. | 1.2 | 23 |
| 26 | Beta 3 Adrenergic Receptor Activation Rescues Metabolic Dysfunction in Female Estrogen Receptor Alpha-Null Mice. Frontiers in Physiology, 2019, 10, 9. | 1.3 | 20 |
| 27 | Alteration in mouse splenic phospholipid fatty acid composition and lymphoid cell populations by dietary fat. Lipids, 1992, 27, 25-32. | 0.7 | 18 |
| 28 | 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. International Journal of Molecular Sciences, 2019, 20, 932. | 1.8 | 18 |
| 29 | Dietary Polyunsaturated Fatty Acids Modulate In Vivo, Antigen-Driven CD4+ T-Cell Proliferation in Mice. Journal of Nutrition, 2004, 134, 1978-1983. | 1.3 | 16 |
| 30 | Omega-3 polyunsaturated fatty acid impairment of early host resistance against Listeria monocytogenes infection is independent of neutrophil infiltration and function. Cellular Immunology, 2005, 235, 65-71. | 1.4 | 16 |
| 31 | Inhibition of Gli/hedgehog signaling in prostate cancer cells by â€œcancer bushâ€•Sutherlandia frutescens extract. Cell Biology International, 2016, 40, 131-142. | 1.4 | 15 |
| 32 | Maternal Dietary Docosahexaenoic Acid Alters Lipid Peroxidation Products and (n-3)/(n-6) Fatty Acid Balance in Offspring Mice. Metabolites, 2019, 9, 40. | 1.3 | 14 |
| 33 | Unveiling the anti-inflammatory activity of Sutherlandia frutescens using murine macrophages. International Immunopharmacology, 2015, 29, 254-262. | 1.7 | 13 |
| 34 | Dissociable effects of dorsal and ventral hippocampal DHA content on spatial learning and anxiety-like behavior. Neurobiology of Learning and Memory, 2014, 116, 59-68. | 1.0 | 12 |
| 35 | Fish oil supplementation benefits the murine host during the acute phase of a parasitic infection from Trypanosoma cruzi. Nutrition Research, 2017, 41, 73-85. | 1.3 | 11 |
| 36 | Quantitative Proteomics Reveals Docosahexaenoic Acid-Mediated Neuroprotective Effects in Lipopolysaccharide-Stimulated Microglial Cells. Journal of Proteome Research, 2020, 19, 2236-2246. | 1.8 | 11 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Linoleic acid, vegetable oils & inflammation. Missouri Medicine, 2014, 111, 41-3. | 0.3 | 7 |
| 38 | Dietary (n-3) Polyunsaturated Fatty Acids Do Not Affect the In Vivo Development and Function of Listeria-Specific CD4+ and CD8+ Effector and Memory/Effector T Cells in Mice. Journal of Nutrition, 2005, 135, 1151-1156. | 1.3 | 6 |
| 39 | nâˆ'3 PUFA fail to affectin vivo, antigen-driven CD8+T-cell proliferation in the spleen of naÃ¯ve mice. British Journal of Nutrition, 2006, 95, 838-844. | 1.2 | 6 |
| 40 | Creating the Future of Evidence-Based Nutrition Recommendations: Case Studies from Lipid Research. Advances in Nutrition, 2016, 7, 747-755. | 2.9 | 6 |
| 41 | Maternal DHA supplementation influences sex-specific disruption of placental gene expression following early prenatal stress. Biology of Sex Differences, 2021, 12, 10. | 1.8 | 4 |
| 42 | The renoprotective effects of soy protein in the aging kidney. Medical Research Archives, 2020, 8, . | 0.1 | 4 |
| 43 | Docosahexaenoic Acid (DHA) Supplementation Alters Phospholipid Species and Lipid Peroxidation Products in Adult Mouse Brain, Heart, and Plasma. NeuroMolecular Medicine, 2021, 23, 118-129. | 1.8 | 3 |
| 44 | 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. American Journal of Veterinary Research, 2013, 74, 589-597. | 0.3 | 2 |
| 45 | An Investigation into the Immunomodulatory Activities of Sutherlandia frutescens in Healthy Mice. PLoS ONE, 2016, 11, e0160994. | 1.1 | 1 |
| 46 | Highâ€fat diet alters serum fatty acid profiles in obesity prone rats: implications for inâ€vitro studies. FASEB Journal, 2013, 27, 373.7. | 0.2 | 0 |
| 47 | Antiâ€inflammatory activities of Lessertia frutescens (Sutherlandia) extract in murine macrophages. FASEB Journal, 2013, 27, 348.2. | 0.2 | 0 |