

Miyoung Suh

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67
papers

1,627
citations

19
h-index

39
g-index

68
ext. papers

1,789
ext. citations

4.2
avg, IF

4.58
L-index

| # | Paper | IF | Citations |
|----|---|------|-----------|
| 67 | A systemic review of the roles of n-3 fatty acids in health and disease. <i>Journal of the American Dietetic Association</i> , 2009 , 109, 668-79 | | 497 |
| 66 | Associations between lutein, zeaxanthin, and age-related macular degeneration: an overview. <i>Critical Reviews in Food Science and Nutrition</i> , 2009 , 49, 313-26 | 11.5 | 131 |
| 65 | Low n-6:n-3 fatty acid ratio, with fish- or flaxseed oil, in a high fat diet improves plasma lipids and beneficially alters tissue fatty acid composition in mice. <i>European Journal of Nutrition</i> , 2008 , 47, 153-60 | 5.2 | 75 |
| 64 | Relationship between fatty acid accretion, membrane composition, and biologic functions. <i>Journal of Pediatrics</i> , 1994 , 125, S25-32 | 3.6 | 65 |
| 63 | Diet-induced changes in membrane gangliosides in rat intestinal mucosa, plasma and brain. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2005 , 40, 487-95 | 2.8 | 64 |
| 62 | Nutrition implications for fetal alcohol spectrum disorder. <i>Advances in Nutrition</i> , 2014 , 5, 675-92 | 10 | 57 |
| 61 | The deltaF508 mutation in the cystic fibrosis transmembrane conductance regulator alters control of essential fatty acid utilization in epithelial cells. <i>Journal of Nutrition</i> , 2000 , 130, 2870-5 | 4.1 | 53 |
| 60 | Streptozotocin-induced diabetes in rats is associated with impaired metabolic availability of vitamin A (retinol). <i>British Journal of Nutrition</i> , 1996 , 75, 615-22 | 3.6 | 51 |
| 59 | Dietary ganglioside inhibits acute inflammatory signals in intestinal mucosa and blood induced by systemic inflammation of Escherichia coli lipopolysaccharide. <i>Shock</i> , 2007 , 28, 112-7 | 3.4 | 46 |
| 58 | 20:5n-3 but not 22:6n-3 is a preferred substrate for synthesis of n-3 very-long- chain fatty acids (C24-C36) in retina. <i>Current Eye Research</i> , 2005 , 30, 959-68 | 2.9 | 38 |
| 57 | Dietary ganglioside decreases cholesterol content, caveolin expression and inflammatory mediators in rat intestinal microdomains. <i>Glycobiology</i> , 2005 , 15, 935-42 | 5.8 | 34 |
| 56 | Supranormal electroretinogram in fat-1 mice with retinas enriched in docosahexaenoic acid and n-3 very long chain fatty acids (C24-C36) 2009 , 50, 4394-401 | | 31 |
| 55 | Dietary fat alters membrane composition in rod outer segments in normal and diabetic rats: impact on content of very-long-chain (C > or = 24) polyenoic fatty acids. <i>Lipids and Lipid Metabolism</i> , 1994 , 1214, 54-62 | | 31 |
| 54 | Relationship between abnormal sperm morphology induced by dietary zinc deficiency and lipid composition in testes of growing rats. <i>British Journal of Nutrition</i> , 2009 , 102, 226-32 | 3.6 | 29 |
| 53 | Dietary docosahexaenoic acid supplementation prevents age-related functional losses and A2E accumulation in the retina 2012 , 53, 2256-65 | | 27 |
| 52 | Dietary 20:4n-6 and 22:6n-3 modulates the profile of long- and very-long-chain fatty acids, rhodopsin content, and kinetics in developing photoreceptor cells. <i>Pediatric Research</i> , 2000 , 48, 524-30 | 3.2 | 27 |
| 51 | Sensory and Physicochemical Studies of Thermally Micronized Chickpea (<i>Cicer arietinum</i>) and Green Lentil (<i>Lens culinaris</i>) Flours as Binders in Low-Fat Beef Burgers. <i>Journal of Food Science</i> , 2016 , 81, S1230-42 | 3.4 | 24 |

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|----|---|------|----|
| 50 | Fish oil diets alter the phospholipid balance, fatty acid composition, and steroid hormone concentrations in testes of adult pigs. <i>Theriogenology</i> , 2011 , 76, 1134-45 | 2.8 | 20 |
| 49 | Designer oils Low in n-6:n-3 fatty acid ratio beneficially modifies cardiovascular risks in mice. <i>European Journal of Nutrition</i> , 2009 , 48, 307-14 | 5.2 | 20 |
| 48 | The effect of chilled conditioning at 4°C on selected water and lipid-soluble flavor precursors in Bison bison longissimus dorsi muscle and their impact on sensory characteristics. <i>Meat Science</i> , 2014 , 96, 136-46 | 6.4 | 19 |
| 47 | Does the Subjective Global Assessment Predict Outcome in Critically Ill Medical Patients?. <i>Journal of Intensive Care Medicine</i> , 2016 , 31, 485-9 | 3.3 | 18 |
| 46 | Dietary ganglioside and long-chain polyunsaturated fatty acids increase ganglioside GD3 content and alter the phospholipid profile in neonatal rat retina. <i>Investigative Ophthalmology and Visual Science</i> , 2005 , 46, 2571-5 | | 18 |
| 45 | Impact of iron and vitamin C-containing supplements on preterm human milk: in vitro. <i>Free Radical Biology and Medicine</i> , 2007 , 42, 1591-8 | 7.8 | 17 |
| 44 | Dietary gangliosides increase the content and molecular percentage of ether phospholipids containing 20:4n-6 and 22:6n-3 in weanling rat intestine. <i>Journal of Nutritional Biochemistry</i> , 2006 , 17, 337-44 | 6.3 | 16 |
| 43 | Quality of Canola Oil Obtained by Conventional and Supercritical Fluid Extraction. <i>American Journal of Analytical Chemistry</i> , 2012 , 03, 966-976 | 0.7 | 16 |
| 42 | Thiamin deficiency on fetal brain development with and without prenatal alcohol exposure. <i>Biochemistry and Cell Biology</i> , 2018 , 96, 169-177 | 3.6 | 15 |
| 41 | Green tea catechins and cardiovascular disease risk factors: Should a health claim be made by the United States Food and Drug Administration?. <i>Trends in Food Science and Technology</i> , 2015 , 41, 188-197 | 15.3 | 15 |
| 40 | Morris Water Maze Training in Mice Elevates Hippocampal Levels of Transcription Factors Nuclear Factor (Erythroid-derived 2)-like 2 and Nuclear Factor Kappa B p65. <i>Frontiers in Molecular Neuroscience</i> , 2015 , 8, 70 | 6.1 | 14 |
| 39 | Antioxidant properties of breast milk in a novel in vitro digestion/enterocyte model. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2010 , 50, 670-6 | 2.8 | 14 |
| 38 | Long-term retinal cone survival and delayed alteration of the cone mosaic in a transgenic mouse model of stargardt-like dystrophy (STGD3) 2014 , 55, 424-39 | | 13 |
| 37 | Testes of obese rats are highly responsive to n-3 long-chain fatty acids. <i>British Journal of Nutrition</i> , 2011 , 106, 1005-12 | 3.6 | 10 |
| 36 | Dietary gangliosides enhance in vitro lipid uptake in weanling rats. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2006 , 42, 59-65 | 2.8 | 10 |
| 35 | Lipid Metabolism is Closely Associated with Normal Testicular Growth Based on Global Transcriptome Profiles in Normal and Underdeveloped Testis of Obese Zucker (fa/fa) Rats. <i>Lipids</i> , 2017 , 52, 951-960 | 1.6 | 9 |
| 34 | Chronic dietary creatine enhances hippocampal-dependent spatial memory, bioenergetics, and levels of plasticity-related proteins associated with NF- κ B. <i>Learning and Memory</i> , 2018 , 25, 54-66 | 2.8 | 9 |
| 33 | DHA supplementation during prenatal ethanol exposure alters the expression of fetal rat liver genes involved in oxidative stress regulation. <i>Applied Physiology, Nutrition and Metabolism</i> , 2019 , 44, 744-750 | 3 | 9 |

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| 32 | A comparison of the effects of fish oil and flaxseed oil on cardiac allograft chronic rejection in rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008 , 294, H1452-8 | 5.2 | 7 |
| 31 | Cocoa flavanols and blood pressure reduction: Is there enough evidence to support a health claim in the United States?. <i>Trends in Food Science and Technology</i> , 2019 , 83, 203-210 | 15.3 | 7 |
| 30 | Differential effect of a carotenoid-rich diet on retina function in non-diabetic and diabetic rats. <i>Nutritional Neuroscience</i> , 2020 , 23, 838-848 | 3.6 | 7 |
| 29 | Dietary n-3 FA modulate long and very long chain FA content, rhodopsin content, and rhodopsin phosphorylation in rat rod outer segment after light exposure. <i>Lipids</i> , 2002 , 37, 253-60 | 1.6 | 6 |
| 28 | Sex-Specific Effects of Chronic Creatine Supplementation on Hippocampal-Mediated Spatial Cognition in the 3xTg Mouse Model of Alzheimer's Disease. <i>Nutrients</i> , 2020 , 12, | 6.7 | 6 |
| 27 | Nutrition and the aging retina: A comprehensive review of the relationship between nutrients and their role in age-related macular degeneration and retina disease prevention. <i>Advances in Food and Nutrition Research</i> , 2020 , 93, 293-332 | 6 | 6 |
| 26 | Docosahexaenoic Acid: Outlining the Therapeutic Nutrient Potential to Combat the Prenatal Alcohol-Induced Insults on Brain Development. <i>Advances in Nutrition</i> , 2020 , 11, 724-735 | 10 | 5 |
| 25 | A Third-Generation Lipid Emulsion that Contains n-3 Long-Chain PUFAs Preserves Retinal Function in Parenterally Fed Neonatal Piglets. <i>Journal of Nutrition</i> , 2016 , 146, 2260-2266 | 4.1 | 4 |
| 24 | Following 2 diet-restricted male outdoor rock climbers: impact on oxidative stress and improvements in markers of cardiovascular risk. <i>Applied Physiology, Nutrition and Metabolism</i> , 2008 , 33, 1250-6 | 3 | 4 |
| 23 | The impact of EPA and DHA on ceramide lipotoxicity in the metabolic syndrome. <i>British Journal of Nutrition</i> , 2021 , 125, 863-875 | 3.6 | 4 |
| 22 | Diversity and Equity in Dietetics and Undergraduate Nutrition Education in Manitoba. <i>Canadian Journal of Dietetic Practice and Research</i> , 2019 , 80, 44-46 | 1.3 | 3 |
| 21 | Fatty Acid Composition and Regulatory Gene Expression in Late-Term Embryos of ACRB and COBB Broilers. <i>Frontiers in Veterinary Science</i> , 2020 , 7, 317 | 3.1 | 3 |
| 20 | Dietary gangliosides enhance in vitro glucose uptake in weanling rats. <i>Journal of Parenteral and Enteral Nutrition</i> , 2007 , 31, 423-9 | 4.2 | 3 |
| 19 | A pilot study on the effect of early provision of dietary docosahexaenoic acid on testis development, functions, and sperm quality in rats exposed to prenatal ethanol. <i>Birth Defects Research</i> , 2020 , 112, 93-104 | 2.9 | 3 |
| 18 | Crystals and Fatty Acid Abnormalities Are Not Present in Circulating Cells From Choroideremia Patients 2018 , 59, 4464-4470 | | 3 |
| 17 | Effects of temperature and food availability on liver fatty acid composition and plasma cortisol concentration in age-0 lake sturgeon: Support for homeoviscous adaptation. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2021 , 261, 111056 | 2.6 | 3 |
| 16 | Fatty Acids Have Different Adipogenic Differentiation Potentials in Stromal Vascular Cells Isolated from Abdominal Fat in Laying Hens. <i>Lipids</i> , 2017 , 52, 513-522 | 1.6 | 2 |
| 15 | Parenteral Lipid Dose Restriction With Soy Oil, Not Fish Oil, Preserves Retinal Function in Neonatal Piglets. <i>Journal of Parenteral and Enteral Nutrition</i> , 2018 , 42, 1177-1184 | 4.2 | 2 |

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| 14 | Supplementation of Type 1 Diabetic Rats with Carrot Powder Lowers Blood Glucose without Improving Cardiac Structure and Function. <i>Preventive Nutrition and Food Science</i> , 2018 , 23, 115-121 | 2.4 | 2 |
| 13 | Employment Outcomes among Registered Dietitians following Graduation in Manitoba. <i>Canadian Journal of Dietetic Practice and Research</i> , 2019 , 80, 87-90 | 1.3 | 1 |
| 12 | Differential effects of maternal diets on birth outcomes and metabolic parameters in rats after ethanol consumption during pregnancy. <i>British Journal of Nutrition</i> , 2021 , 126, 1130-1139 | 3.6 | 1 |
| 11 | Cost, Nutritional Content and Number of Gluten-Free Staple Foods Available in Winnipeg, Manitoba, Canada. <i>Plant Foods for Human Nutrition</i> , 2021 , 76, 196-202 | 3.9 | 1 |
| 10 | The effect of choline availability from gestation to early development on brain and retina functions and phospholipid composition in a male mouse model. <i>Nutritional Neuroscience</i> , 2021 , 1-15 | 3.6 | 1 |
| 9 | Authors' Response. <i>Journal of Intensive Care Medicine</i> , 2017 , 32, 96 | 3.3 | 0 |
| 8 | Long-term effects of EPA and DHA enriched diets on digestive enzyme activity, aerobic scope, growth and survival in age-0 Lake Sturgeon (<i>Acipenser fulvescens</i>). <i>Aquaculture</i> , 2022 , 552, 737972 | 4.4 | 0 |
| 7 | Long-term effects of temperature during early life on growth and fatty acid metabolism in age-0 Lake Sturgeon (<i>Acipenser fulvescens</i>).. <i>Journal of Thermal Biology</i> , 2022 , 105, 103210 | 2.9 | 0 |
| 6 | Lutein and docosahexaenoic acid enriched egg consumption improves retina function in healthy Caucasian older adults. <i>Journal of Functional Foods</i> , 2022 , 89, 104913 | 5.1 | 0 |
| 5 | Knowledge and Perceptions of Carbohydrates among Nutrition-Major and Nutrition-Elective Undergraduate Students in Canada. <i>Journal of the American College of Nutrition</i> , 2021 , 40, 164-171 | 3.5 | 0 |
| 4 | Fatty acid compositions of immature and mature testis are differently responsive to dietary docosahexaenoic acid during development in rats exposed to prenatal ethanol. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2021 , 176, 102379 | 2.8 | |
| 3 | Food for Male Reproductive Tract Health: Omega-3 Fatty Acids 2019 , 330-336 | | |
| 2 | Saskatoon berry supplementation prevents cardiac remodeling without improving renal disease in an animal model of reno-cardiac syndrome. <i>Journal of Food Biochemistry</i> , 2021 , 45, e13893 | 3.3 | |
| 1 | Maternal diets affected ceramides and fatty acids in brain regions of neonatal rats with prenatal ethanol exposure.. <i>Nutritional Neuroscience</i> , 2021 , 1-12 | 3.6 | |