

# Miyoung Suh

## List of Publications by Year in Descending Order

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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.

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	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> , <b>2022</b> , 552, 737972	4.4	0
66	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> , <b>2022</b> , 105, 103210	2.9	0
65	Lutein and docosahexaenoic acid enriched egg consumption improves retina function in healthy Caucasian older adults. <i>Journal of Functional Foods</i> , <b>2022</b> , 89, 104913	5.1	0
64	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> , <b>2021</b> , 176, 102379	2.8	
63	Differential effects of maternal diets on birth outcomes and metabolic parameters in rats after ethanol consumption during pregnancy. <i>British Journal of Nutrition</i> , <b>2021</b> , 126, 1130-1139	3.6	1
62	Cost, Nutritional Content and Number of Gluten-Free Staple Foods Available in Winnipeg, Manitoba, Canada. <i>Plant Foods for Human Nutrition</i> , <b>2021</b> , 76, 196-202	3.9	1
61	Knowledge and Perceptions of Carbohydrates among Nutrition-Major and Nutrition-Elective Undergraduate Students in Canada. <i>Journal of the American College of Nutrition</i> , <b>2021</b> , 40, 164-171	3.5	0
60	The impact of EPA and DHA on ceramide lipotoxicity in the metabolic syndrome. <i>British Journal of Nutrition</i> , <b>2021</b> , 125, 863-875	3.6	4
59	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> , <b>2021</b> , 1-15	3.6	1
58	Saskatoon berry supplementation prevents cardiac remodeling without improving renal disease in an animal model of reno-cardiac syndrome. <i>Journal of Food Biochemistry</i> , <b>2021</b> , 45, e13893	3.3	
57	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 &amp; Integrative Physiology</i> , <b>2021</b> , 261, 111056	2.6	3
56	Maternal diets affected ceramides and fatty acids in brain regions of neonatal rats with prenatal ethanol exposure.. <i>Nutritional Neuroscience</i> , <b>2021</b> , 1-12	3.6	
55	Fatty Acid Composition and Regulatory Gene Expression in Late-Term Embryos of ACRB and COBB Broilers. <i>Frontiers in Veterinary Science</i> , <b>2020</b> , 7, 317	3.1	3
54	Docosahexaenoic Acid: Outlining the Therapeutic Nutrient Potential to Combat the Prenatal Alcohol-Induced Insults on Brain Development. <i>Advances in Nutrition</i> , <b>2020</b> , 11, 724-735	10	5
53	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> , <b>2020</b> , 112, 93-104	2.9	3
52	Sex-Specific Effects of Chronic Creatine Supplementation on Hippocampal-Mediated Spatial Cognition in the 3xTg Mouse Model of Alzheimer's Disease. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	6
51	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> , <b>2020</b> , 93, 293-332	6	6

50	Differential effect of a carotenoid-rich diet on retina function in non-diabetic and diabetic rats. <i>Nutritional Neuroscience</i> , <b>2020</b> , 23, 838-848	3.6	7
49	Diversity and Equity in Dietetics and Undergraduate Nutrition Education in Manitoba. <i>Canadian Journal of Dietetic Practice and Research</i> , <b>2019</b> , 80, 44-46	1.3	3
48	Employment Outcomes among Registered Dietitians following Graduation in Manitoba. <i>Canadian Journal of Dietetic Practice and Research</i> , <b>2019</b> , 80, 87-90	1.3	1
47	Food for Male Reproductive Tract Health: Omega-3 Fatty Acids <b>2019</b> , 330-336		
46	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> , <b>2019</b> , 44, 744-750	3	9
45	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> , <b>2019</b> , 83, 203-210	15.3	7
44	Chronic dietary creatine enhances hippocampal-dependent spatial memory, bioenergetics, and levels of plasticity-related proteins associated with NF- $\kappa$ B. <i>Learning and Memory</i> , <b>2018</b> , 25, 54-66	2.8	9
43	Parenteral Lipid Dose Restriction With Soy Oil, Not Fish Oil, Preserves Retinal Function in Neonatal Piglets. <i>Journal of Parenteral and Enteral Nutrition</i> , <b>2018</b> , 42, 1177-1184	4.2	2
42	Thiamin deficiency on fetal brain development with and without prenatal alcohol exposure. <i>Biochemistry and Cell Biology</i> , <b>2018</b> , 96, 169-177	3.6	15
41	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> , <b>2018</b> , 23, 115-121	2.4	2
40	Crystals and Fatty Acid Abnormalities Are Not Present in Circulating Cells From Choroideremia Patients <b>2018</b> , 59, 4464-4470		3
39	Fatty Acids Have Different Adipogenic Differentiation Potentials in Stromal Vascular Cells Isolated from Abdominal Fat in Laying Hens. <i>Lipids</i> , <b>2017</b> , 52, 513-522	1.6	2
38	Authors' Response. <i>Journal of Intensive Care Medicine</i> , <b>2017</b> , 32, 96	3.3	0
37	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> , <b>2017</b> , 52, 951-960	1.6	9
36	Does the Subjective Global Assessment Predict Outcome in Critically Ill Medical Patients?. <i>Journal of Intensive Care Medicine</i> , <b>2016</b> , 31, 485-9	3.3	18
35	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> , <b>2016</b> , 146, 2260-2266	4.1	4
34	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> , <b>2016</b> , 81, S1230-42	3.4	24
33	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> , <b>2015</b> , 8, 70	6.1	14

32	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> , <b>2015</b> , 41, 188-197	15.3	15
31	Nutrition implications for fetal alcohol spectrum disorder. <i>Advances in Nutrition</i> , <b>2014</b> , 5, 675-92	10	57
30	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> , <b>2014</b> , 96, 136-46	6.4	19
29	Long-term retinal cone survival and delayed alteration of the cone mosaic in a transgenic mouse model of stargardt-like dystrophy (STGD3) <b>2014</b> , 55, 424-39		13
28	Dietary docosahexaenoic acid supplementation prevents age-related functional losses and A2E accumulation in the retina <b>2012</b> , 53, 2256-65		27
27	Quality of Canola Oil Obtained by Conventional and Supercritical Fluid Extraction. <i>American Journal of Analytical Chemistry</i> , <b>2012</b> , 03, 966-976	0.7	16
26	Fish oil diets alter the phospholipid balance, fatty acid composition, and steroid hormone concentrations in testes of adult pigs. <i>Theriogenology</i> , <b>2011</b> , 76, 1134-45	2.8	20
25	Testes of obese rats are highly responsive to n-3 long-chain fatty acids. <i>British Journal of Nutrition</i> , <b>2011</b> , 106, 1005-12	3.6	10
24	Antioxidant properties of breast milk in a novel in vitro digestion/enterocyte model. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , <b>2010</b> , 50, 670-6	2.8	14
23	Supranormal electroretinogram in fat-1 mice with retinas enriched in docosahexaenoic acid and n-3 very long chain fatty acids (C24-C36) <b>2009</b> , 50, 4394-401		31
22	A systemic review of the roles of n-3 fatty acids in health and disease. <i>Journal of the American Dietetic Association</i> , <b>2009</b> , 109, 668-79		497
21	Designer oils: Low n-6:n-3 fatty acid ratio beneficially modifies cardiovascular risks in mice. <i>European Journal of Nutrition</i> , <b>2009</b> , 48, 307-14	5.2	20
20	Associations between lutein, zeaxanthin, and age-related macular degeneration: an overview. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2009</b> , 49, 313-26	11.5	131
19	Relationship between abnormal sperm morphology induced by dietary zinc deficiency and lipid composition in testes of growing rats. <i>British Journal of Nutrition</i> , <b>2009</b> , 102, 226-32	3.6	29
18	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> , <b>2008</b> , 294, H1452-8	5.2	7
17	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> , <b>2008</b> , 33, 1250-6	3	4
16	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> , <b>2008</b> , 47, 153-60	5.2	75
15	Impact of iron and vitamin C-containing supplements on preterm human milk: in vitro. <i>Free Radical Biology and Medicine</i> , <b>2007</b> , 42, 1591-8	7.8	17

14	Dietary gangliosides enhance in vitro glucose uptake in weanling rats. <i>Journal of Parenteral and Enteral Nutrition</i> , <b>2007</b> , 31, 423-9	4.2	3
13	Dietary ganglioside inhibits acute inflammatory signals in intestinal mucosa and blood induced by systemic inflammation of Escherichia coli lipopolysaccharide. <i>Shock</i> , <b>2007</b> , 28, 112-7	3.4	46
12	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> , <b>2006</b> , 17, 337-44	6.3	16
11	Dietary gangliosides enhance in vitro lipid uptake in weanling rats. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , <b>2006</b> , 42, 59-65	2.8	10
10	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> , <b>2005</b> , 30, 959-68	2.9	38
9	Dietary ganglioside decreases cholesterol content, caveolin expression and inflammatory mediators in rat intestinal microdomains. <i>Glycobiology</i> , <b>2005</b> , 15, 935-42	5.8	34
8	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> , <b>2005</b> , 46, 2571-5		18
7	Diet-induced changes in membrane gangliosides in rat intestinal mucosa, plasma and brain. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , <b>2005</b> , 40, 487-95	2.8	64
6	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> , <b>2002</b> , 37, 253-60	1.6	6
5	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> , <b>2000</b> , 130, 2870-5	4.1	53
4	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> , <b>2000</b> , 48, 524-30	3.2	27
3	Streptozotocin-induced diabetes in rats is associated with impaired metabolic availability of vitamin A (retinol). <i>British Journal of Nutrition</i> , <b>1996</b> , 75, 615-22	3.6	51
2	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> , <b>1994</b> , 1214, 54-62		31
1	Relationship between fatty acid accretion, membrane composition, and biologic functions. <i>Journal of Pediatrics</i> , <b>1994</b> , 125, S25-32	3.6	65