# Luann K Johnson

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2024269/publications.pdf

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|---|---|---|---|
| 47<br>papers | 1,041<br>citations | 361296<br>20<br>h-index | 434063<br>31<br>g-index |
| 47<br>all docs | 47<br>docs citations | 47<br>times ranked | 1842<br>citing authors |

| # | ARTICLE | IF | CITATIONS |
|---|---|---|---|
| 1 | Superior inhibitory efficacy of butyrate over propionate and acetate against human colon cancer cell proliferation via cell cycle arrest and apoptosis: linking dietary fiber to cancer prevention. Nutrition Research, 2020, 83, 63-72. | 1.3 | 37 |
| 2 | High-Fat Diet Alters Circadian Rhythms in Mammary Glands of Pubertal Mice. Frontiers in Endocrinology, 2020, 11, 349. | 1.5 | 10 |
| 3 | Butyrate Inhibits Deoxycholicâ€Acidâ€Resistant Colonic Cell Proliferation via Cell Cycle Arrest and Apoptosis: A Potential Pathway Linking Dietary Fiber to Cancer Prevention. Molecular Nutrition and Food Research, 2020, 64, e1901014. | 1.5 | 10 |
| 4 | Genetic variations in the dopamine reward system influence exercise reinforcement and tolerance for exercise intensity. Behavioural Brain Research, 2019, 375, 112148. | 1.2 | 31 |
| 5 | Inducing incentive sensitization of exercise reinforcement among adults who do not regularly exerciseâ€"A randomized controlled trial. PLoS ONE, 2019, 14, e0216355. | 1.1 | 6 |
| 6 | Concurrent validity of skin carotenoid status as a concentration biomarker of vegetable and fruit intake compared to multiple 24-h recalls and plasma carotenoid concentrations across one year: a cohort study. Nutrition Journal, 2019, 18, 78. | 1.5 | 41 |
| 7 | Mineral content of eggs differs with hen strain, age, and rearing environment. Poultry Science, 2018, 97, 1605-1613. | 1.5 | 15 |
| 8 | Capacity of the US Food System to Accommodate Improved Diet Quality: A Biophysical Model Projecting to 2030. Current Developments in Nutrition, 2018, 2, nzy007. | 0.1 | 9 |
| 9 | Test-retest reliability of jump execution variables using mechanography: a comparison of jump protocols. Journal of Sports Sciences, 2018, 36, 963-969. | 1.0 | 5 |
| 10 | Youth and Adult Visitation and Physical Activity Intensity at Rural and Urban Parks. International Journal of Environmental Research and Public Health, 2018, 15, 1760. | 1.2 | 16 |
| 11 | Nutrient intake disparities in the US: modeling the effect of food substitutions. Nutrition Journal, 2018, 17, 53. | 1.5 | 7 |
| 12 | Energy compensation in response to aerobic exercise training in overweight adults. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2018, 315, R619-R626. | 0.9 | 28 |
| 13 | The relative reinforcing value of sweet versus savory snack foods after consumption of sugar- or non-nutritive sweetened beverages. Appetite, 2017, 112, 143-149. | 1.8 | 22 |
| 14 | Aerobic and resistance exercise reinforcement and discomfort tolerance predict meeting activity guidelines. Physiology and Behavior, 2017, 170, 32-36. | 1.0 | 19 |
| 15 | Smokers report lower intake of key nutrients than nonsmokers, yet both fall short of meeting recommended intakes. Nutrition Research, 2017, 45, 30-37. | 1.3 | 22 |
| 16 | The reinforcing value and liking of resistance training and aerobic exercise as predictors of adult's physical activity. Physiology and Behavior, 2017, 179, 284-289. | 1.0 | 16 |
| 17 | Butyrate Inhibits Cancerous HCT116 Colon Cell Proliferation but to a Lesser Extent in Noncancerous NCM460 Colon Cells. Nutrients, 2017, 9, 25. | 1.7 | 40 |
| 18 | Whole Grains Contribute Only a Small Proportion of Dietary Fiber to the U.S. Diet. Nutrients, 2017, 9, 153. | 1.7 | 36 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Time Trends and Patterns of Reported Egg Consumption in the U.S. by Sociodemographic Characteristics. Nutrients, 2017, 9, 333. | 1.7 | 24 |
| 20 | Relationship of the Reported Intakes of Fat and Fatty Acids to Body Weight in US Adults. Nutrients, 2017, 9, 438. | 1.7 | 67 |
| 21 | Increasing Discomfort Tolerance Predicts Incentive Sensitization of Exercise Reinforcement: Preliminary Results from a Randomized Controlled Intervention to Increase the Reinforcing Value of Exercise in Adults. FASEB Journal, 2017, 31, 149.3. | 0.2 | 0 |
| 22 | Twice weekly intake of farmed Atlantic salmon (Salmo salar) positively influences lipoprotein concentration and particle size in overweight men and women. Nutrition Research, 2016, 36, 899-906. | 1.3 | 18 |
| 23 | Resistant starch analysis of commonly consumed potatoes: Content varies by cooking method and service temperature but not by variety. Food Chemistry, 2016, 208, 297-300. | 4.2 | 42 |
| 24 | Enhanced Bioavailability of EPA From Emulsified Fish Oil Preparations Versus Capsular Triacylglycerol. Lipids, 2016, 51, 643-651. | 0.7 | 15 |
| 25 | Effects of Frying in Various Cooking Oils on Fatty Acid Content of Farmed Rainbow Trout () Tj ETQq1 1 0.784314 rgBT /Overlock 10 T | 0.2 | 0 |
| 26 | Nutritional Adequacy of Dietary Intake in Women with Anorexia Nervosa. Nutrients, 2015, 7, 3652-3665. | 1.7 | 21 |
| 27 | Soy protein is beneficial but high-fat diet and voluntary running are detrimental to bone structure in mice. Nutrition Research, 2015, 35, 523-531. | 1.3 | 12 |
| 28 | Consumption of Honey, Sucrose, and High-Fructose Corn Syrup Produces Similar Metabolic Effects in Glucose-Tolerant and -Intolerant Individuals ,. Journal of Nutrition, 2015, 145, 2265-2272. | 1.3 | 49 |
| 29 | Skeletal muscle Sirt3 expression and mitochondrial respiration are regulated by a prenatal low-protein diet. Journal of Nutritional Biochemistry, 2015, 26, 184-189. | 1.9 | 28 |
| 30 | Validity of Electronic Diet Recording Nutrient Estimates Compared to Dietitian Analysis of Diet Records: Randomized Controlled Trial. Journal of Medical Internet Research, 2015, 17, e21. | 2.1 | 19 |
| 31 | A Mobile Phone Food Record App to Digitally Capture Dietary Intake for Adolescents in a Free-Living Environment: Usability Study. JMIR MHealth and UHealth, 2015, 3, e30. | 1.8 | 62 |
| 32 | Effect of A Single Dose of Emulsified Versus Capsular Fish Oils on Plasma Phospholipid Fatty Acids Over 48 Hours. FASEB Journal, 2015, 29, 598.1. | 0.2 | 0 |
| 33 | Intake of Seafood in the US Varies by Age, Income, and Education Level but Not by Race-Ethnicity. Nutrients, 2014, 6, 6060-6075. | 1.7 | 75 |
| 34 | A microenvironment approach to reducing sedentary time and increasing physical activity of children and adults at a playground. Preventive Medicine, 2014, 62, 108-112. | 1.6 | 21 |
| 35 | Skin and plasma carotenoid response to a provided intervention diet high in vegetables and fruit: uptake and depletion kinetics , , ,. American Journal of Clinical Nutrition, 2014, 100, 930-937. | 2.2 | 82 |
| 36 | Dose-Dependent Consumption of Farmed Atlantic Salmon (Salmo salar) Increases Plasma Phospholipid n-3 Fatty Acids Differentially. Journal of the Academy of Nutrition and Dietetics, 2013, 113, 282-287. | 0.4 | 39 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Community based lifestyle intervention improves body weight, anthropometric, and fitness parameters. FASEB Journal, 2012, 26, 813.10. | 0.2 | 0 |
| 38 | Dermal Carotenoids as Measured by Resonance Raman Spectroscopy as a Biomarker of Response to a Fruit/Vegetable Intervention Study. FASEB Journal, 2012, 26, 131.3. | 0.2 | 2 |
| 39 | Reply to RP Heaney. American Journal of Clinical Nutrition, 2008, 87, 1961. | 2.2 | 0 |
| 40 | Absence of diabetes indicators in a seleniumâ€supplementation trial. FASEB Journal, 2008, 22, 696.4. | 0.2 | 0 |
| 41 | Responses to selenium supplementation in healthy Americans. FASEB Journal, 2008, 22, 146.2. | 0.2 | 0 |
| 42 | Selenium status of a cohort of healthy Americans. FASEB Journal, 2007, 21, A105. | 0.2 | 0 |
| 43 | Energy, mood and attention did not consistently improve with iron status in nonâ€anemic women with moderate to low iron stores. FASEB Journal, 2006, 20, A191. | 0.2 | 1 |
| 44 | Estimation of magnesium requirements in men and women by crossâ€sectional statistical analyses of metabolic magnesium balance data. FASEB Journal, 2006, 20, A182. | 0.2 | 0 |
| 45 | Dietary Copper Primarily Affects Antioxidant Capacity and Dietary Iron Mainly Affects Iron Status in a Surface Response Study of Female Rats Fed Varying Concentrations of Iron, Zinc and Copper. Journal of Nutrition, 1999, 129, 1368-1376. | 1.3 | 28 |
| 46 | Physiologic Concentrations of Zinc Affect the Kinetics of Copper Uptake and Transport in the Human Intestinal Cell Model, Caco-2. Journal of Nutrition, 1998, 128, 1794-1801. | 1.3 | 38 |
| 47 | Dietary Protein, as Egg Albumen: Effects on Bone Composition, Zinc Bioavailability and Zinc Requirements of Rats, Assessed by a Modified Broken-Line Model. Journal of Nutrition, 1992, 122, 161-169. | 1.3 | 28 |