

Jung-Su Chang

List of Publications by Year in descending order

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59
papers

1,104
citations

430874

18
h-index

477307

29
g-index

59
all docs

59
docs citations

59
times ranked

1637
citing authors

#	ARTICLE	IF	CITATIONS
1	Association Between Essential and Non-essential Metals, Body Composition, and Metabolic Syndrome in Adults. <i>Biological Trace Element Research</i> , 2022, 200, 4903-4915.	3.5	12
2	Adipotropic effects of heavy metals and their potential role in obesity. <i>Faculty Reviews</i> , 2021, 10, 32.	3.9	28
3	Associations of the pre-pregnancy weight status with anaemia and the erythropoiesis-related micronutrient status. <i>Public Health Nutrition</i> , 2021, 24, 6247-6257.	2.2	6
4	Adherence to COVID-19 Nutrition Guidelines Is Associated with Better Nutritional Management Behaviors of Hospitalized COVID-19 Patients. <i>Nutrients</i> , 2021, 13, 1918.	4.1	3
5	Plasma 25(OH)D Concentrations and Gestational Diabetes Mellitus among Pregnant Women in Taiwan. <i>Nutrients</i> , 2021, 13, 2538.	4.1	9
6	Hair Lead, Aluminum, and Other Toxic Metals in Normal-Weight and Obese Patients with Coronary Heart Disease. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8195.	2.6	6
7	Adherence to COVID-19 nutritional guidelines and their impact on the clinical outcomes of hospitalized COVID-19 patients. <i>Clinical Nutrition ESPEN</i> , 2021, 46, 491-498.	1.2	2
8	Integration of an Image-Based Dietary Assessment Paradigm into Dietetic Training Improves Food Portion Estimates by Future Dietitians. <i>Nutrients</i> , 2021, 13, 175.	4.1	4
9	Associations of Food and Nutrient Intake with Serum Hcpidin and the Risk of Gestational Iron-Deficiency Anemia among Pregnant Women: A Population-Based Study. <i>Nutrients</i> , 2021, 13, 3501.	4.1	12
10	A case-control study in Taiwanese cohort and meta-analysis of serum ferritin in pancreatic cancer. <i>Scientific Reports</i> , 2021, 11, 21242.	3.3	14
11	High-dose ferric citrate supplementation attenuates omega-3 polyunsaturated fatty acid biosynthesis via downregulating delta 5 and 6 desaturases in rats with high-fat diet-induced obesity. <i>Food and Function</i> , 2021, 12, 11819-11828.	4.6	5
12	Gut Microbiota as a Mediator of Essential and Toxic Effects of Zinc in the Intestines and Other Tissues. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13074.	4.1	32
13	Haptoglobin phenotype influences the effectiveness of diet-induced weight loss in middle-age abdominally obese women with metabolic abnormalities. <i>Clinical Nutrition</i> , 2020, 39, 225-233.	5.0	10
14	Associations of nitric oxide with obesity and psychological traits among children and adolescents in Taiwan. <i>Pediatric Obesity</i> , 2020, 15, e12593.	2.8	3
15	Impacts of the COVID-19 Pandemic on Food Security and Diet-Related Lifestyle Behaviors: An Analytical Study of Google Trends-Based Query Volumes. <i>Nutrients</i> , 2020, 12, 3103.	4.1	80
16	Relationship Between Elevated Hair Mercury Levels, Essential Element Status, and Metabolic Profile in Overweight and Obese Adults. <i>Biological Trace Element Research</i> , 2020, 199, 2874-2881.	3.5	4
17	Can diet-induced weight loss improve iron homeostasis in patients with obesity: A systematic review and meta-analysis. <i>Obesity Reviews</i> , 2020, 21, e13080.	6.5	17
18	Validity of image-based dietary assessment methods: A systematic review and meta-analysis. <i>Clinical Nutrition</i> , 2020, 39, 2945-2959.	5.0	23

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19	Iron and Advanced Glycation End Products: Emerging Role of Iron in Androgen Deficiency in Obesity. Antioxidants, 2020, 9, 261.	5.1	10
20	Dysregulated Iron Metabolism-Associated Dietary Pattern Predicts an Altered Body Composition and Metabolic Syndrome. Nutrients, 2019, 11, 2733.	4.1	13
21	Serum levels of copper, iron, and manganese in women with pregnancy, miscarriage, and primary infertility. Journal of Trace Elements in Medicine and Biology, 2019, 56, 124-130.	3.0	29
22	High Sedentary Activity and Low Consumption of Fruits and Vegetables as Important Risk Factors in Increasing Obesity of Indonesian Adult People (P04-176-19). Current Developments in Nutrition, 2019, 3, nzz051.P04-176-19.	0.3	0
23	Alteration in iron efflux affects male sex hormone testosterone biosynthesis in a diet-induced obese rat model. Food and Function, 2019, 10, 4113-4123.	4.6	15
24	Combination of Lactobacillus acidophilus and Bifidobacterium animalis subsp. lactis Shows a Stronger Anti-Inflammatory Effect than Individual Strains in HT-29 Cells. Nutrients, 2019, 11, 969.	4.1	76
25	Soluble CD163-Associated Dietary Patterns and the Risk of Metabolic Syndrome. Nutrients, 2019, 11, 940.	4.1	8
26	Ruralâ€“Urban Differences in Dietary Behavior and Obesity: Results of the Riskesdas Study in 10â€“18-Year-Old Indonesian Children and Adolescents. Nutrients, 2019, 11, 2813.	4.1	45
27	Lactobacillus acidophilus-Fermented Germinated Brown Rice Suppresses Preneoplastic Lesions of the Colon in Rats. Nutrients, 2019, 11, 2718.	4.1	24
28	Ferric Citrate Supplementation Reduces Redâ€“Bloodâ€“Cell Aggregation and Improves CD163+ Macrophageâ€“Mediated Hemoglobin Metabolism in a Rat Model of Highâ€“Fatâ€“Dietâ€“Induced Obesity. Molecular Nutrition and Food Research, 2018, 62, 1700442.	3.3	18
29	Testosterone-Associated Dietary Pattern Predicts Low Testosterone Levels and Hypogonadism. Nutrients, 2018, 10, 1786.	4.1	24
30	Influence of Mothersâ€™ Nutrition Knowledge and Attitudes on Their Purchase Intention for Infant Cereal with No Added Sugar Claim. Nutrients, 2018, 10, 435.	4.1	18
31	A Moderate Interleukinâ€“6 Reduction, Not a Moderate Weight Reduction, Improves the Serum Iron Status in Dietâ€“Induced Weight Loss with Fish Oil Supplementation. Molecular Nutrition and Food Research, 2018, 62, e1800243.	3.3	4
32	Roles of Sedentary Behaviors and Unhealthy Foods in Increasing the Obesity Risk in Adult Men and Women: A Cross-Sectional National Study. Nutrients, 2018, 10, 704.	4.1	28
33	Effect of Endoplasmic Reticular Stress on Free Hemoglobin Metabolism and Liver Injury. International Journal of Molecular Sciences, 2018, 19, 1977.	4.1	3
34	Red Blood Cell Aggregation-Associated Dietary Pattern Predicts Hyperlipidemia and Metabolic Syndrome. Nutrients, 2018, 10, 1127.	4.1	8
35	Food claims and nutrition facts of commercial infant foods. PLoS ONE, 2018, 13, e0191982.	2.5	29
36	Grape powder consumption affects the expression of neurodegeneration-related brain proteins in rats chronically fed a high-fructoseâ€“high-fat diet. Journal of Nutritional Biochemistry, 2017, 43, 132-140.	4.2	11

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37	Endoplasmic reticulum stress contributes to ferritin moleculesâ€mediated macrophage migration via Pâ€selectin glycoprotein ligandâ€1. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1600458.	3.3	2
38	Effects of ferric citrate supplementation on advanced glycation end products in a rat model of streptozotocin/nicotinamideâ€induced diabetes. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1600753.	3.3	2
39	Serum Iron:Ferritin Ratio Predicts Healthy Body Composition and Reduced Risk of Severe Fatty Liver in Young Adult Women. <i>Nutrients</i> , 2017, 9, 833.	4.1	18
40	Effects of Melatonin on Glucose Homeostasis, Antioxidant Ability, and Adipokine Secretion in ICR Mice with NA/STZ-Induced Hyperglycemia. <i>Nutrients</i> , 2017, 9, 1187.	4.1	27
41	High Fat Diet with a High Monounsaturated Fatty Acid and Polyunsaturated/Saturated Fatty Acid Ratio Suppresses Body Fat Accumulation and Weight Gain in Obese Hamsters. <i>Nutrients</i> , 2017, 9, 1148.	4.1	17
42	Cooking methods and depressive symptoms are joint risk factors for fatigue among migrant Indonesian women working domestically in Taiwan. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2017, 26, S61-S67.	0.4	4
43	Increased dietary zinc and vitamin B-2 is associated with increased alanine aminotransferase in Taiwanese adolescents. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2017, 26, 78-84.	0.4	3
44	Prebiotic Effects of Xylooligosaccharides on the Improvement of Microbiota Balance in Human Subjects. <i>Gastroenterology Research and Practice</i> , 2016, 2016, 1-6.	1.5	71
45	Hb and dyslipidaemia as predicting markers of serum alanine aminotransferase elevation in Chinese adolescents. <i>Public Health Nutrition</i> , 2016, 19, 1067-1073.	2.2	3
46	Dose-related effects of ferric citrate supplementation on endoplasmic reticular stress responses and insulin signalling pathways in streptozotocinâ€nicotinamide-induced diabetes. <i>Food and Function</i> , 2016, 7, 194-201.	4.6	10
47	Effects of different amounts and types of dietary fatty acids on the body weight, fat accumulation, and lipid metabolism in hamsters. <i>Nutrition</i> , 2016, 32, 601-608.	2.4	12
48	Serum Ferritin Is Inversely Correlated with Testosterone in Boys and Young Male Adolescents: A Cross-Sectional Study in Taiwan. <i>PLoS ONE</i> , 2015, 10, e0144238.	2.5	12
49	Th17 Cells as Potential Probiotic Therapeutic Targets in Inflammatory Bowel Diseases. <i>International Journal of Molecular Sciences</i> , 2015, 16, 20841-20858.	4.1	90
50	A Content Analysis of Infant and Toddler Food Advertisements in Taiwanese Popular Pregnancy and Early Parenting Magazines. <i>Journal of Human Lactation</i> , 2015, 31, 458-466.	1.6	12
51	Interactive Effects of Dietary Fat/Carbohydrate Ratio and Body Mass Index on Iron Deficiency Anemia among Taiwanese Women. <i>Nutrients</i> , 2014, 6, 3929-3941.	4.1	31
52	Serum ferritin contributes to racial or geographic disparities in metabolic syndrome in Taiwan. <i>Public Health Nutrition</i> , 2014, 17, 1498-1506.	2.2	8
53	Interleukin-10 as a potential regulator of hepcidin homeostasis in overweight and obese children: A cross-sectional study in Taiwan. <i>Nutrition</i> , 2014, 30, 1165-1170.	2.4	23
54	Interleukin 10 and clustering of metabolic syndrome components in pediatrics. <i>European Journal of Clinical Investigation</i> , 2014, 44, 384-394.	3.4	13

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55	Relationship between Hemoglobin Levels and Risk for Suspected Non-Alcoholic Fatty Liver in Taiwanese Adults. <i>Chinese Journal of Physiology</i> , 2014, 57, 286-294.	1.0	13
56	Transient Knock Down of Grp78 Reveals Roles in Serum Ferritin Mediated Pro-inflammatory Cytokine Secretion in Rat Primary Activated Hepatic Stellate Cells. <i>Asian Pacific Journal of Cancer Prevention</i> , 2014, 15, 605-610.	1.2	13
57	Association between interleukin 1 β and interleukin 10 concentrations: a cross-sectional study in young adolescents in Taiwan. <i>BMC Pediatrics</i> , 2013, 13, 123.	1.7	29
58	Serum ferritin and risk of the metabolic syndrome: a population-based study. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2013, 22, 400-7.	0.4	27
59	Endoplasmic Reticulum Stress Response Promotes Cytotoxic Phenotype of CD8 β ⁺ Intraepithelial Lymphocytes in a Mouse Model for Crohn's Disease-like Ileitis. <i>Journal of Immunology</i> , 2012, 189, 1510-1520.	0.8	31