

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	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
2	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
3	Combination of <i>Lactobacillus acidophilus</i> and <i>Bifidobacterium animalis</i> subsp. <i>lactis</i> Shows a Stronger Anti-Inflammatory Effect than Individual Strains in HT-29 Cells. <i>Nutrients</i> , 2019, 11, 969.	4.1	76
4	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
5	Rural–Urban Differences in Dietary Behavior and Obesity: Results of the Riskesdas Study in 10–18-Year-Old Indonesian Children and Adolescents. <i>Nutrients</i> , 2019, 11, 2813.	4.1	45
6	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
7	Endoplasmic Reticulum Stress Response Promotes Cytotoxic Phenotype of CD8 ⁺ Intraepithelial Lymphocytes in a Mouse Model for Crohn’s Disease-like Ileitis. <i>Journal of Immunology</i> , 2012, 189, 1510-1520.	0.8	31
8	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
9	Association between interleukin 1 ² and interleukin 10 concentrations: a cross-sectional study in young adolescents in Taiwan. <i>BMC Pediatrics</i> , 2013, 13, 123.	1.7	29
10	Food claims and nutrition facts of commercial infant foods. <i>PLoS ONE</i> , 2018, 13, e0191982.	2.5	29
11	Serum levels of copper, iron, and manganese in women with pregnancy, miscarriage, and primary infertility. <i>Journal of Trace Elements in Medicine and Biology</i> , 2019, 56, 124-130.	3.0	29
12	Roles of Sedentary Behaviors and Unhealthy Foods in Increasing the Obesity Risk in Adult Men and Women: A Cross-Sectional National Study. <i>Nutrients</i> , 2018, 10, 704.	4.1	28
13	Adipotropic effects of heavy metals and their potential role in obesity. <i>Faculty Reviews</i> , 2021, 10, 32.	3.9	28
14	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
15	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
16	Testosterone-Associated Dietary Pattern Predicts Low Testosterone Levels and Hypogonadism. <i>Nutrients</i> , 2018, 10, 1786.	4.1	24
17	<i>Lactobacillus acidophilus</i> -Fermented Germinated Brown Rice Suppresses Preneoplastic Lesions of the Colon in Rats. <i>Nutrients</i> , 2019, 11, 2718.	4.1	24
18	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

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19	Validity of image-based dietary assessment methods: A systematic review and meta-analysis. <i>Clinical Nutrition</i> , 2020, 39, 2945-2959.	5.0	23
20	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
21	Ferric Citrate Supplementation Reduces Red Blood Cell Aggregation and Improves CD163+ Macrophage-Mediated Hemoglobin Metabolism in a Rat Model of High-Fat-Diet-Induced Obesity. <i>Molecular Nutrition and Food Research</i> , 2018, 62, 1700442.	3.3	18
22	Influence of Mothers' Nutrition Knowledge and Attitudes on Their Purchase Intention for Infant Cereal with No Added Sugar Claim. <i>Nutrients</i> , 2018, 10, 435.	4.1	18
23	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
24	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
25	Alteration in iron efflux affects male sex hormone testosterone biosynthesis in a diet-induced obese rat model. <i>Food and Function</i> , 2019, 10, 4113-4123.	4.6	15
26	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
27	Interleukin 10 and clustering of metabolic syndrome components in pediatrics. <i>European Journal of Clinical Investigation</i> , 2014, 44, 384-394.	3.4	13
28	Dysregulated Iron Metabolism-Associated Dietary Pattern Predicts an Altered Body Composition and Metabolic Syndrome. <i>Nutrients</i> , 2019, 11, 2733.	4.1	13
29	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
30	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
31	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
32	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
33	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
34	Associations of Food and Nutrient Intake with Serum Hepcidin and the Risk of Gestational Iron-Deficiency Anemia among Pregnant Women: A Population-Based Study. <i>Nutrients</i> , 2021, 13, 3501.	4.1	12
35	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
36	Grape powder consumption affects the expression of neurodegeneration-related brain proteins in rats chronically fed a high-fructose-high-fat diet. <i>Journal of Nutritional Biochemistry</i> , 2017, 43, 132-140.	4.2	11

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37	Dose-related effects of ferric citrate supplementation on endoplasmic reticular stress responses and insulin signalling pathways in streptozotocin+nicotinamide-induced diabetes. <i>Food and Function</i> , 2016, 7, 194-201.	4.6	10
38	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
39	Iron and Advanced Glycation End Products: Emerging Role of Iron in Androgen Deficiency in Obesity. <i>Antioxidants</i> , 2020, 9, 261.	5.1	10
40	Plasma 25(OH)D Concentrations and Gestational Diabetes Mellitus among Pregnant Women in Taiwan. <i>Nutrients</i> , 2021, 13, 2538.	4.1	9
41	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
42	Red Blood Cell Aggregation-Associated Dietary Pattern Predicts Hyperlipidemia and Metabolic Syndrome. <i>Nutrients</i> , 2018, 10, 1127.	4.1	8
43	Soluble CD163-Associated Dietary Patterns and the Risk of Metabolic Syndrome. <i>Nutrients</i> , 2019, 11, 940.	4.1	8
44	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
45	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
46	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
47	A Moderate Interleukin-6 Reduction, Not a Moderate Weight Reduction, Improves the Serum Iron Status in Diet-Induced Weight Loss with Fish Oil Supplementation. <i>Molecular Nutrition and Food Research</i> , 2018, 62, e1800243.	3.3	4
48	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
49	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
50	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
51	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
52	Effect of Endoplasmic Reticular Stress on Free Hemoglobin Metabolism and Liver Injury. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1977.	4.1	3
53	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
54	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

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55	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
56	Endoplasmic reticulum stress contributes to ferritin molecules-mediated macrophage migration via P-selectin glycoprotein ligand-1. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1600458.	3.3	2
57	Effects of ferric citrate supplementation on advanced glycation end products in a rat model of streptozotocin/nicotinamide-induced diabetes. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1600753.	3.3	2
58	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
59	High Sedentary Activity and Low Consumption of Fruits and Vegetables as Important Risk Factors in Increasing Obesity of Indonesian Adult People (P04-176-19). <i>Current Developments in Nutrition</i> , 2019, 3, nzz051.P04-176-19.	0.3	0