

# Chen-Kang Chang

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

1,597  
citations

331670

21  
h-index

302126

39  
g-index

55  
all docs

55  
docs citations

55  
times ranked

2540  
citing authors

#	ARTICLE	IF	CITATIONS
1	Global Matrix 3.0 Physical Activity Report Card Grades for Children and Youth: Results and Analysis From 49 Countries. <i>Journal of Physical Activity and Health</i> , 2018, 15, S251-S273.	2.0	511
2	No effect of short-term arginine supplementation on nitric oxide production, metabolism and performance in intermittent exercise in athletes. <i>Journal of Nutritional Biochemistry</i> , 2009, 20, 462-468.	4.2	75
3	Report Card Grades on the Physical Activity of Children and Youth Comparing 30 Very High Human Development Index Countries. <i>Journal of Physical Activity and Health</i> , 2018, 15, S298-S314.	2.0	65
4	Changes of mucosal immunity and antioxidation activity in elite male Taiwanese taekwondo athletes associated with intensive training and rapid weight loss. <i>British Journal of Sports Medicine</i> , 2011, 45, 729-734.	6.7	53
5	Anti-inflammatory and anticatabolic effects of short-term beta-hydroxy-beta-methylbutyrate supplementation on chronic obstructive pulmonary disease patients in intensive care unit. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2006, 15, 544-50.	0.4	53
6	Antioxidant activities of various fruits and vegetables produced in Taiwan. <i>International Journal of Food Sciences and Nutrition</i> , 2004, 55, 423-429.	2.8	48
7	Low-Carbohydrate-High-Fat Diet: Can it Help Exercise Performance?. <i>Journal of Human Kinetics</i> , 2017, 56, 81-92.	1.5	47
8	Relationships among salivary immunoglobulin A, lactoferrin and cortisol in basketball players during a basketball season. <i>European Journal of Applied Physiology</i> , 2010, 110, 989-995.	2.5	45
9	Branched-chain amino acids, arginine, citrulline alleviate central fatigue after 3 simulated matches in taekwondo athletes: a randomized controlled trial. <i>Journal of the International Society of Sports Nutrition</i> , 2016, 13, 28.	3.9	43
10	Antioxidant and angiotension-converting enzyme inhibition capacities of various parts of <i>Benincasa hispida</i> (wax gourd). <i>Molecular Nutrition and Food Research</i> , 2004, 48, 230-233.	0.0	37
11	Private doctors' practices, knowledge, and attitude to reporting of communicable diseases: a national survey in Taiwan. <i>BMC Infectious Diseases</i> , 2009, 9, 11.	2.9	37
12	Interaction of vitamin E and exercise training on oxidative stress and antioxidant enzyme activities in rat skeletal muscles. <i>Journal of Nutritional Biochemistry</i> , 2007, 18, 39-45.	4.2	36
13	Sodium bicarbonate supplementation prevents skilled tennis performance decline after a simulated match. <i>Journal of the International Society of Sports Nutrition</i> , 2010, 7, 33.	3.9	36
14	Effect of beta-hydroxy-beta-methylbutyrate on protein metabolism in bed-ridden elderly receiving tube feeding. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2010, 19, 200-8.	0.4	34
15	Branched-Chain Amino Acids and Arginine Improve Performance in Two Consecutive Days of Simulated Handball Games in Male and Female Athletes: A Randomized Trial. <i>PLoS ONE</i> , 2015, 10, e0121866.	2.5	31
16	Relationship of plasma interleukin-18 concentrations to traditional and non-traditional cardiovascular risk factors in patients with systemic lupus erythematosus. <i>Rheumatology</i> , 2006, 45, 1148-1153.	1.9	30
17	Association of brachial-ankle pulse wave velocity with cardiovascular risk factors in systemic lupus erythematosus. <i>Lupus</i> , 2005, 14, 878-883.	1.6	28
18	Clinical evaluation of insulin resistance and $\beta$ -cell function by the homeostasis model assessment in patients with systemic lupus erythematosus. <i>Clinical Rheumatology</i> , 2004, 23, 416-420.	2.2	26

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19	A positive correlation between homocysteine and brachial ankle pulse wave velocity in patients with systemic lupus erythematosus. <i>Clinical Rheumatology</i> , 2006, 25, 285-290.	2.2	24
20	Evaluation of the National Notifiable Disease Surveillance System in Taiwan: An example of varicella reporting. <i>Vaccine</i> , 2007, 25, 2630-2633.	3.8	24
21	Anaerobic capacity of elite Taiwanese Taekwondo athletes. <i>Science and Sports</i> , 2006, 21, 291-293.	0.5	22
22	Seroepidemiology study of rubella antibodies among pregnant women from seven Asian countries: Evaluation of the rubella vaccination program in Taiwan. <i>Vaccine</i> , 2006, 24, 5772-5777.	3.8	22
23	Impact of intense training and rapid weight changes on salivary parameters in elite female Taekwondo athletes. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2011, 21, 758-764.	2.9	22
24	Green Tea Consumption after Intense Taekwondo Training Enhances Salivary Defense Factors and Antibacterial Capacity. <i>PLoS ONE</i> , 2014, 9, e87580.	2.5	19
25	Effect of $\beta$ -hydroxy- $\beta$ -methylbutyrate Supplementation During Energy Restriction in Female Judo Athletes. <i>Journal of Exercise Science and Fitness</i> , 2010, 8, 50-53.	2.2	18
26	Cholesteryl ester transfer and cholesterol esterification in type 1 diabetes: relationships with plasma glucose. <i>Acta Diabetologica</i> , 2001, 38, 37-42.	2.5	17
27	Use of National Health Insurance database to evaluate the impact of public varicella vaccination program on burden of varicella in Taiwan. <i>Vaccine</i> , 2006, 24, 5341-5348.	3.8	17
28	The Effect of Branched-Chain Amino Acids, Citrulline, and Arginine on High-Intensity Interval Performance in Young Swimmers. <i>Nutrients</i> , 2018, 10, 1979.	4.1	15
29	Results from the Chinese Taipei (Taiwan) 2018 Report Card on physical activity for children and youth. <i>Journal of Exercise Science and Fitness</i> , 2019, 17, 8-13.	2.2	14
30	A quantile regression approach to re-investigate the relationship between sleep duration and body mass index in Taiwan. <i>International Journal of Public Health</i> , 2012, 57, 485-493.	2.3	13
31	The cholesterolaemic effects of dietary fats in cholesteryl ester transfer protein transgenic mice. <i>British Journal of Nutrition</i> , 2001, 85, 643-648.	2.3	12
32	Energy replacement using glucose does not increase postprandial lipemia after moderate intensity exercise. <i>Lipids in Health and Disease</i> , 2014, 13, 177.	3.0	12
33	The Supplementation of Branched-Chain Amino Acids, Arginine, and Citrulline Improves Endurance Exercise Performance in Two Consecutive Days. <i>Journal of Sports Science and Medicine</i> , 2016, 15, 509-515.	1.6	11
34	Elevation of plasma interleukin-18 concentration is associated with insulin levels in patients with systemic lupus erythematosus. <i>Lupus</i> , 2006, 15, 207-212.	1.6	10
35	Low seroprevalence of hepatitis B surface antibody among nursing students in Taiwan: An implication for boosting. <i>Vaccine</i> , 2007, 25, 8508-8511.	3.8	10
36	Effects of carbohydrate, branched-chain amino acids, and arginine in recovery period on the subsequent performance in wrestlers. <i>Journal of the International Society of Sports Nutrition</i> , 2011, 8, 21.	3.9	10

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37	Resting Salivary Levels of IgA and Cortisol Are Significantly Affected During Intensive Resistance Training Periods in Elite Male Weightlifters. <i>Journal of Strength and Conditioning Research</i> , 2012, 26, 2202-2208.	2.1	10
38	Prevention of perceptual-motor decline by branched-chain amino acids, arginine, citrulline after tennis match. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2017, 27, 935-944.	2.9	10
39	Reliability and validity of a dual-task test for skill proficiency in roundhouse kicks in elite taekwondo athletes. <i>Open Access Journal of Sports Medicine</i> , 2015, 6, 181.	1.3	9
40	Sandwich enzyme-linked immunosorbent assay for plasma cholesteryl ester transfer protein concentration. <i>Clinical Biochemistry</i> , 1999, 32, 257-262.	1.9	8
41	The interactive effect of exercise and immunosuppressant cyclosporin A on immune function in mice. <i>Journal of Sports Sciences</i> , 2010, 28, 967-973.	2.0	5
42	Applying a Treatment Effects Model to Investigate Public Amenity Effect on Physical Activity of the Elderly. <i>Journal of Aging and Social Policy</i> , 2018, 30, 72-86.	1.6	5
43	Decreased anaerobic performance and hormone adaptation after expedition to Peak Lenin. <i>Chinese Medical Journal</i> , 2008, 121, 2229-2233.	2.3	4
44	Scratch wound closure of myoblasts and myotubes is reduced by inflammatory mediators. <i>International Wound Journal</i> , 2016, 13, 680-685.	2.9	3
45	Branched-chain amino acids and arginine improve physical but not skill performance in two consecutive days of exercise. <i>Science and Sports</i> , 2017, 32, e221-e228.	0.5	3
46	The Influence of Pre-Exercise Glucose versus Fructose Ingestion on Subsequent Postprandial Lipemia. <i>Nutrients</i> , 2018, 10, 149.	4.1	3
47	Does increased leukotriene B4 in type 1 diabetes result from elevated cholesteryl ester transfer protein activity?. <i>Medical Hypotheses</i> , 2002, 59, 607-610.	1.5	2
48	Regular endurance exercise prevents cyclosporine A-induced oxidative stress in mouse skeletal muscles. <i>Science and Sports</i> , 2013, 28, 295-299.	0.5	2
49	Results from Chinese Taipei (Taiwan)'s 2018 Report Card on Physical Activity for Children and Youth. <i>Journal of Physical Activity and Health</i> , 2018, 15, S415-S416.	2.0	2
50	Major League Baseball during the COVID-19 pandemic: does a lack of spectators affect home advantage?. <i>Humanities and Social Sciences Communications</i> , 2022, 9, .	2.9	2
51	Association of circulating adipokines with insulin resistance in obese children. <i>FASEB Journal</i> , 2008, 22, 880.3.	0.5	1
52	Thirty Minutes of Moderate-Intensity Downhill or Level Running Has No Effect on Postprandial Lipemia. <i>Chinese Journal of Physiology</i> , 2021, 64, 244-250.	1.0	1
53	Plasma interleukin-18 levels in obese children: emphasis on weight reduction and insulin resistance. <i>FASEB Journal</i> , 2007, 21, A326.	0.5	0
54	Estimates of energy expenditure using the RT3 accelerometer in patients with systemic lupus erythematosus. <i>Health</i> , 2010, 02, 603-608.	0.3	0

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55	The association of circulating interleukin-18 with fasting insulin and weight loss in obese children. Health, 2010, 02, 676-681.	0.3	0