

# Peijie Chen

## 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.

70  
papers

1,579  
citations

21  
h-index

38  
g-index

73  
ext. papers

2,234  
ext. citations

5  
avg, IF

5.42  
L-index

#	Paper	IF	Citations
70	An unsupervised machine learning approach to evaluate sports facilities condition in primary school.. <i>PLoS ONE</i> , <b>2022</b> , 17, e0267009	3.7	0
69	Programmed death-1 promotes contused skeletal muscle regeneration by regulating Treg cells and macrophages. <i>Laboratory Investigation</i> , <b>2021</b> , 101, 719-732	5.9	1
68	Meeting 24-h movement guidelines: Prevalence, correlates, and the relationships with overweight and obesity among Chinese children and adolescents. <i>Journal of Sport and Health Science</i> , <b>2021</b> , 10, 349-359	8.2	14
67	Pharmacological and Genetic Inhibition of PD-1 Demonstrate an Important Role of PD-1 in Ischemia-Induced Skeletal Muscle Inflammation, Oxidative Stress, and Angiogenesis. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 586429	8.4	1
66	Effects of interrupting prolonged sitting on postprandial glycemia and insulin responses: A network meta-analysis. <i>Journal of Sport and Health Science</i> , <b>2021</b> , 10, 419-429	8.2	3
65	Characteristics of Physical Fitness and Cardiometabolic Risk in Chinese University Students with Normal-Weight Obesity: A Cross-Sectional Study. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , <b>2020</b> , 13, 4157-4167	3.4	2
64	Physical activity and health in Chinese children and adolescents: expert consensus statement (2020). <i>British Journal of Sports Medicine</i> , <b>2020</b> , 54, 1321-1331	10.3	19
63	Coronavirus disease (COVID-19): The need to maintain regular physical activity while taking precautions. <i>Journal of Sport and Health Science</i> , <b>2020</b> , 9, 103-104	8.2	445
62	The effects of chronic physical activity interventions on executive functions in children aged 3-7 years: A meta-analysis. <i>Journal of Science and Medicine in Sport</i> , <b>2020</b> , 23, 949-954	4.4	10
61	Associations between various kinds of parental support and physical activity among children and adolescents in Shanghai, China: gender and age differences. <i>BMC Public Health</i> , <b>2020</b> , 20, 1161	4.1	1
60	Transient Receptor Potential Ankyrin Type-1 Channels as a Potential Target for the Treatment of Cardiovascular Diseases. <i>Frontiers in Physiology</i> , <b>2020</b> , 11, 836	4.6	3
59	Role of Histone Deacetylases in Skeletal Muscle Physiology and Systemic Energy Homeostasis: Implications for Metabolic Diseases and Therapy. <i>Frontiers in Physiology</i> , <b>2020</b> , 11, 949	4.6	3
58	High-Intensity Interval Training Restores Glycolipid Metabolism and Mitochondrial Function in Skeletal Muscle of Mice With Type 2 Diabetes. <i>Frontiers in Endocrinology</i> , <b>2020</b> , 11, 561	5.7	2
57	Exercise induces tissue hypoxia and HIF-1 $\alpha$ redistribution in the small intestine. <i>Journal of Sport and Health Science</i> , <b>2020</b> , 9, 82-89	8.2	5
56	Walking pace and the risk of stroke: A meta-analysis of prospective cohort studies. <i>Journal of Sport and Health Science</i> , <b>2020</b> , 9, 521-529	8.2	6
55	Returning Chinese school-aged children and adolescents to physical activity in the wake of COVID-19: Actions and precautions. <i>Journal of Sport and Health Science</i> , <b>2020</b> , 9, 322-324	8.2	48
54	Aerobic Exercise Attenuates Acute Lung Injury Through NET Inhibition. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 409	8.4	11

53	A Mobile Phone App-Based Tai Chi Training in Parkinson's Disease: Protocol for a Randomized Controlled Study. <i>Frontiers in Neurology</i> , <b>2020</b> , 11, 615861	4.1	6
52	Hypoxic Training in Obese Mice Improves Metabolic Disorder. <i>Frontiers in Endocrinology</i> , <b>2019</b> , 10, 527	5.7	3
51	Physical activity and prevention of chronic disease in Chinese youth: A public health approach. <i>Journal of Sport and Health Science</i> , <b>2019</b> , 8, 512-515	8.2	11
50	Expression and role of lncRNAs in the regeneration of skeletal muscle following contusion injury. <i>Experimental and Therapeutic Medicine</i> , <b>2019</b> , 18, 2617-2627	2.1	5
49	MicroRNA-621 inhibits cell proliferation and metastasis in bladder cancer by suppressing Wnt/ $\beta$ -catenin signaling. <i>Chemico-Biological Interactions</i> , <b>2019</b> , 308, 244-251	5	12
48	Exercise as a prescription for patients with various diseases. <i>Journal of Sport and Health Science</i> , <b>2019</b> , 8, 422-441	8.2	113
47	Impaired Skeletal Muscle Regeneration Induced by Macrophage Depletion Could Be Partly Ameliorated by MGF Injection. <i>Frontiers in Physiology</i> , <b>2019</b> , 10, 601	4.6	5
46	Distinct Binding Dynamics, Sites and Interactions of Fullerene and Fullerenols with Amyloid- $\beta$ Peptides Revealed by Molecular Dynamics Simulations. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	17
45	Are preschool children active enough in Shanghai: an accelerometer-based cross-sectional study. <i>BMJ Open</i> , <b>2019</b> , 9, e024090	3	7
44	BMSC Transplantation Aggravates Inflammation, Oxidative Stress, and Fibrosis and Impairs Skeletal Muscle Regeneration. <i>Frontiers in Physiology</i> , <b>2019</b> , 10, 87	4.6	21
43	Physical activity, screen viewing time, and overweight/obesity among Chinese children and adolescents: an update from the 2017 physical activity and fitness in China-the youth study. <i>BMC Public Health</i> , <b>2019</b> , 19, 197	4.1	48
42	Gender and age differences in the association between living arrangement and physical activity levels among youth aged 9-19 years in Shanghai, China: a cross-sectional questionnaire study. <i>BMC Public Health</i> , <b>2019</b> , 19, 1030	4.1	10
41	Lactic Acid Accumulation During Exhaustive Exercise Impairs Release of Neutrophil Extracellular Traps in Mice. <i>Frontiers in Physiology</i> , <b>2019</b> , 10, 709	4.6	12
40	Physical Exercise and Selective Autophagy: Benefit and Risk on Cardiovascular Health. <i>Cells</i> , <b>2019</b> , 8,	7.9	38
39	Assessment of physical fitness and its correlates in Chinese children and adolescents in Shanghai using the multistage 20-M shuttle-run test. <i>American Journal of Human Biology</i> , <b>2019</b> , 31, e23148	2.7	6
38	"Living High-Training Low" improved weight loss and glucagon-like peptide-1 level in a 4-week weight loss program in adolescents with obesity: A pilot study. <i>Medicine (United States)</i> , <b>2018</b> , 97, e9943 <sup>1.8</sup>	1.8	9
37	Relationships among anthropometric characteristics, muscular fitness, and sprint performance in adolescents. <i>Isokinetics and Exercise Science</i> , <b>2018</b> , 26, 89-94	0.6	1
36	Atomistic-level study of the interactions between hIAPP protofibrils and membranes: Influence of pH and lipid composition. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2018</b> , 1860, 1818-1825	3.8	22

35	Hepatic PHD2/HIF-1 $\alpha$ axis is involved in postexercise systemic energy homeostasis. <i>FASEB Journal</i> , <b>2018</b> , 32, 4670-4680	0.9	6
34	Preschoolers' Technology-Assessed Physical Activity and Cognitive Function: A Cross-Sectional Study. <i>Journal of Clinical Medicine</i> , <b>2018</b> , 7,	5.1	9
33	Changes in inflammatory and oxidative stress factors and the protein synthesis pathway in injured skeletal muscle after contusion. <i>Experimental and Therapeutic Medicine</i> , <b>2018</b> , 15, 2196-2202	2.1	12
32	Impact of parents' physical activity on preschool children's physical activity: a cross-sectional study. <i>PeerJ</i> , <b>2018</b> , 6, e4405	3.1	12
31	Hepatocyte specific deletion of HIF-1 $\alpha$ affects gut microbiota composition in HFD fed mice. <i>FASEB Journal</i> , <b>2018</b> , 32, 760.3	0.9	
30	Immune adaptation to chronic intense exercise training: new microarray evidence. <i>BMC Genomics</i> , <b>2017</b> , 18, 29	4.5	25
29	Walking Pace and the Risk of Cognitive Decline and Dementia in Elderly Populations: A Meta-analysis of Prospective Cohort Studies. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2017</b> , 72, 266-270	6.4	45
28	Associations between parental support for physical activity and moderate-to-vigorous physical activity among Chinese school children: A cross-sectional study. <i>Journal of Sport and Health Science</i> , <b>2017</b> , 6, 410-415	8.2	26
27	Physical activity, physical fitness, and body mass index in the Chinese child and adolescent populations: An update from the 2016 Physical Activity and Fitness in China-The Youth Study. <i>Journal of Sport and Health Science</i> , <b>2017</b> , 6, 381-383	8.2	27
26	Effect of Physical Activity on Cognitive Development: Protocol for a 15-Year Longitudinal Follow-Up Study. <i>BioMed Research International</i> , <b>2017</b> , 2017, 8568459	3	4
25	Assemblies of amyloid- $\beta$ 0-36 hexamer and its G33V/L34T mutants by replica-exchange molecular dynamics simulation. <i>PLoS ONE</i> , <b>2017</b> , 12, e0188794	3.7	11
24	The effect of magnesium supplementation on muscle fitness: a meta-analysis and systematic review. <i>Magnesium Research</i> , <b>2017</b> , 30, 120-132	1.7	9
23	Cardiomyocyte dimethylarginine dimethylaminohydrolase-1 (DDAH1) plays an important role in attenuating ventricular hypertrophy and dysfunction. <i>Basic Research in Cardiology</i> , <b>2017</b> , 112, 55	11.8	21
22	Macrophage depletion impairs skeletal muscle regeneration: The roles of regulatory factors for muscle regeneration. <i>Cell Biology International</i> , <b>2017</b> , 41, 228-238	4.5	33
21	Relationship between Physical Activity and Physical Fitness in Preschool Children: A Cross-Sectional Study. <i>BioMed Research International</i> , <b>2017</b> , 2017, 9314026	3	23
20	Time-dependent gene expression analysis after mouse skeletal muscle contusion. <i>Journal of Sport and Health Science</i> , <b>2016</b> , 5, 101-108	8.2	17
19	Macrophage Depletion Impairs Skeletal Muscle Regeneration: the Roles of Pro-fibrotic Factors, Inflammation, and Oxidative Stress. <i>Inflammation</i> , <b>2016</b> , 39, 2016-2028	5.1	30
18	Dietary glutamine supplementation partly reverses impaired macrophage function resulting from overload training in rats. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , <b>2015</b> , 25, 179-874	4.4	7

17	Effect of Tai Chi on mononuclear cell functions in patients with non-small cell lung cancer. <i>BMC Complementary and Alternative Medicine</i> , <b>2015</b> , 15, 3	4.7	23
16	Effects of yoga intervention during pregnancy: a review for current status. <i>American Journal of Perinatology</i> , <b>2015</b> , 32, 503-14	3.3	33
15	Concerns about the data analysis and interpretation in the ICAD (International Children's Accelerometry Database) study concluding that the association between birth weight and sedentary time is mediated by central adiposity. <i>American Journal of Clinical Nutrition</i> , <b>2015</b> , 102, 713	7	
14	Cognitive motor interference for preventing falls in older adults: a systematic review and meta-analysis of randomised controlled trials. <i>Age and Ageing</i> , <b>2015</b> , 44, 205-12	3	28
13	Effect of traditional Chinese exercise on the quality of life and depression for chronic diseases: a meta-analysis of randomised trials. <i>Scientific Reports</i> , <b>2015</b> , 5, 15913	4.9	21
12	The Impaired Function of Macrophages Induced by Strenuous Exercise Could Not Be Ameliorated by BCAA Supplementation. <i>Nutrients</i> , <b>2015</b> , 7, 8645-56	6.7	4
11	The effect of sleep high and train low on weight loss in overweight Chinese adolescents: study protocol for a randomized controlled trial. <i>Trials</i> , <b>2014</b> , 15, 250	2.8	3
10	The effects of moderate exercise on chronic stress-induced intestinal barrier dysfunction and antimicrobial defense. <i>Brain, Behavior, and Immunity</i> , <b>2014</b> , 39, 99-106	16.6	36
9	Low dose genistein inhibits glucocorticoid receptor and ischemic brain injury in female rats. <i>Neurochemistry International</i> , <b>2014</b> , 65, 14-22	4.4	11
8	Validity and reliability of International Physical Activity Questionnaire-Short Form in Chinese youth. <i>Research Quarterly for Exercise and Sport</i> , <b>2013</b> , 84 Suppl 2, S80-6	1.9	27
7	Prediction equations of energy expenditure in Chinese youth based on step frequency during walking and running. <i>Research Quarterly for Exercise and Sport</i> , <b>2013</b> , 84 Suppl 2, S64-71	1.9	
6	Overload training inhibits phagocytosis and ROS generation of peritoneal macrophages: role of IGF-1 and MGF. <i>European Journal of Applied Physiology</i> , <b>2013</b> , 113, 117-25	3.4	19
5	A national survey of physical activity and sedentary behavior of Chinese city children and youth using accelerometers. <i>Research Quarterly for Exercise and Sport</i> , <b>2013</b> , 84 Suppl 2, S12-28	1.9	54
4	Metabolic cost, mechanical work, and efficiency during normal walking in obese and normal-weight children. <i>Research Quarterly for Exercise and Sport</i> , <b>2013</b> , 84 Suppl 2, S72-9	1.9	23
3	Moderate exercise prevents chronic stress induced intestinal barrier dysfunction by promoting hypoxia inducible factor-1 $\alpha$ expression. <i>FASEB Journal</i> , <b>2013</b> , 27, 1b770	0.9	
2	Effect of Diet and Exercise-induced Weight Reduction on Complement Regulatory Proteins CD55 and CD59 Levels in Overweight Chinese Adolescents. <i>Journal of Exercise Science and Fitness</i> , <b>2011</b> , 9, 46-51	3.1	4
1	NADPH oxidase: a target for the modulation of the excessive oxidative damage induced by overtraining in rat neutrophils. <i>International Journal of Biological Sciences</i> , <b>2011</b> , 7, 881-91	11.2	40