

Jonathan C Y Tang

List of Publications by Citations

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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.

61

papers

920

citations

19

h-index

28

g-index

77

ext. papers

1,218

ext. citations

3.9

avg, IF

4.32

L-index

#	Paper	IF	Citations
61	A systems-based investigation into vitamin D and skeletal muscle repair, regeneration, and hypertrophy. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015 , 309, E1019-31	6	87
60	Effects of reduced energy availability on bone metabolism in women and men. <i>Bone</i> , 2017 , 105, 191-199	4.7	64
59	25-Hydroxyvitamin D Threshold for the Effects of Vitamin D Supplements on Bone Density: Secondary Analysis of a Randomized Controlled Trial. <i>Journal of Bone and Mineral Research</i> , 2018 , 33, 1464-1469	6.3	63
58	Reference intervals for serum 24,25-dihydroxyvitamin D and the ratio with 25-hydroxyvitamin D established using a newly developed LC-MS/MS method. <i>Journal of Nutritional Biochemistry</i> , 2017 , 46, 21-29	6.3	49
57	A Mediterranean-like dietary pattern with vitamin D3 (10 µg/d) supplements reduced the rate of bone loss in older Europeans with osteoporosis at baseline: results of a 1-y randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2018 , 108, 633-640	7	36
56	Efficacy of High-Dose Vitamin D Supplements for Elite Athletes. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 349-356	1.2	35
55	How Accurate is Your Sclerostin Measurement? Comparison Between Three Commercially Available Sclerostin ELISA Kits. <i>Calcified Tissue International</i> , 2016 , 98, 546-55	3.9	30
54	Vitamin D supplementation does not improve human skeletal muscle contractile properties in insufficient young males. <i>European Journal of Applied Physiology</i> , 2014 , 114, 1309-20	3.4	30
53	The effect of 14 weeks of vitamin D3 supplementation on antimicrobial peptides and proteins in athletes. <i>Journal of Sports Sciences</i> , 2016 , 34, 67-74	3.6	29
52	Effect of carbohydrate feeding on the bone metabolic response to running. <i>Journal of Applied Physiology</i> , 2015 , 119, 824-30	3.7	29
51	Bone metabolic responses to low energy availability achieved by diet or exercise in active eumenorrheic women. <i>Bone</i> , 2018 , 114, 181-188	4.7	29
50	The Effect of Postexercise Carbohydrate and Protein Ingestion on Bone Metabolism. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 1209-1218	1.2	28
49	Post-exercise carbohydrate and energy availability induce independent effects on skeletal muscle cell signalling and bone turnover: implications for training adaptation. <i>Journal of Physiology</i> , 2019 , 597, 4779-4796	3.9	28
48	Influence of Vitamin D Supplementation by Sunlight or Oral D3 on Exercise Performance. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 2555-2564	1.2	27
47	Vitamin D to Prevent Lung Injury Following Esophagectomy-A Randomized, Placebo-Controlled Trial. <i>Critical Care Medicine</i> , 2018 , 46, e1128-e1135	1.4	27
46	Leucine-enriched protein feeding does not impair exercise-induced free fatty acid availability and lipid oxidation: beneficial implications for training in carbohydrate-restricted states. <i>Amino Acids</i> , 2015 , 47, 407-16	3.5	23
45	Vitamin D Measurement, the Debates Continue, New Analytes Have Emerged, Developments Have Variable Outcomes. <i>Calcified Tissue International</i> , 2020 , 106, 3-13	3.9	23

44	Measurement of teicoplanin by liquid chromatography-tandem mass spectrometry: development of a novel method. <i>Annals of Clinical Biochemistry</i> , 2012 , 49, 475-81	2.2	20
43	A Rare Mutation in SMAD9 Associated With High Bone Mass Identifies the SMAD-Dependent BMP Signaling Pathway as a Potential Anabolic Target for Osteoporosis. <i>Journal of Bone and Mineral Research</i> , 2020 , 35, 92-105	6.3	19
42	Bioelectrical impedance analysis (BIA)-derived phase angle (PA) is a practical aid to nutritional assessment in hospital in-patients. <i>Clinical Nutrition</i> , 2019 , 38, 1700-1706	5.9	18
41	The effects of collagen peptides on muscle damage, inflammation and bone turnover following exercise: a randomized, controlled trial. <i>Amino Acids</i> , 2019 , 51, 691-704	3.5	18
40	The dynamic relationships between the active and catabolic vitamin D metabolites, their ratios, and associations with PTH. <i>Scientific Reports</i> , 2019 , 9, 6974	4.9	16
39	Skeletal macro- and microstructure adaptations in men undergoing arduous military training. <i>Bone</i> , 2019 , 125, 54-60	4.7	15
38	Antioxidant effects of sulforaphane in human HepG2 cells and immortalised hepatocytes. <i>Food and Chemical Toxicology</i> , 2019 , 128, 129-136	4.7	14
37	Biomarkers in adult asthma: a systematic review of 8-isoprostane in exhaled breath condensate. <i>Journal of Breath Research</i> , 2017 , 11, 016011	3.1	13
36	Vitamin D and the hepatitis B vaccine response: a prospective cohort study and a randomized, placebo-controlled oral vitamin D and simulated sunlight supplementation trial in healthy adults. <i>European Journal of Nutrition</i> , 2021 , 60, 475-491	5.2	12
35	Citrulline and intestinal fatty acid-binding protein as biomarkers for gastrointestinal dysfunction in the critically ill. <i>Anaesthesiology Intensive Therapy</i> , 2019 , 51, 230-239	1.7	10
34	Metabolomics analysis in adults with high bone mass identifies a relationship between bone resorption and circulating citrate which replicates in the general population. <i>Clinical Endocrinology</i> , 2020 , 92, 29-37	3.4	9
33	LCMS/MS application for urine free pyridinoline and free deoxypyridinoline: Urine markers of collagen and bone degradation. <i>Clinical Mass Spectrometry</i> , 2016 , 1, 11-18	1.9	9
32	Elevated urinary excretion of free pyridinoline in Friesian horses suggests a breed-specific increase in collagen degradation. <i>BMC Veterinary Research</i> , 2018 , 14, 139	2.7	8
31	2015 Annual Meeting of the American Society for Bone and Mineral Research Seattle, WA October 9-12, 2015 (page S1). <i>Journal of Bone and Mineral Research</i> , 2015 , 30 Suppl 1, S1	6.3	8
30	Comparison of vitamin D(2) and vitamin D(3) supplementation in increasing serum 25-hydroxyvitamin D status: a systematic review and meta-analysis. <i>American Journal of Clinical Nutrition</i> , 2012 , 96, 1152-3; author reply 1153-4	7	8
29	Impact of a single oral dose of 100,000 IU vitamin D3 on profiles of serum 25(OH)D3 and its metabolites 24,25(OH)2D3, 3-epi-25(OH)D3, and 1,25(OH)2D3 in adults with vitamin D insufficiency. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017 , 55, 1912-1921	5.9	7
28	Changing from a Western to a Mediterranean-style diet does not affect iron or selenium status: results of the New Dietary Strategies Addressing the Specific Needs of the Elderly Population for Healthy Aging in Europe (NU-AGE) 1-year randomized clinical trial in elderly Europeans. <i>American Journal of Clinical Nutrition</i> , 2020 , 111, 98-109	7	7
27	Does regional loss of bone density explain low trauma distal forearm fractures in men (the Mr F study)?. <i>Osteoporosis International</i> , 2017 , 28, 2877-2886	5.3	6

26	Supplementary Energy Increases Bone Formation during Arduous Military Training. <i>Medicine and Science in Sports and Exercise</i> , 2021 , 53, 394-403	1.2	6
25	Longevity of daily oral vitamin D3 supplementation: differences in 25OHD and 24,25(OH)2D observed 2 years after cessation of a 1-year randomised controlled trial (VICTORY RECALL). <i>Osteoporosis International</i> , 2017 , 28, 3361-3372	5.3	5
24	Vitamin D status in chronic fatigue syndrome/myalgic encephalomyelitis: a cohort study from the North-West of England. <i>BMJ Open</i> , 2017 , 7, e015296	3	5
23	2018 Annual Meeting of the American Society for Bone and Mineral Research Palais des congrès de Montréal in Montréal, Québec, Canada September 28 - October 1, 2018. <i>Journal of Bone and Mineral Research</i> , 2018 , 33, S1-S464	6.3	5
22	Characteristics of Early Paget's Disease in SQSTM1 Mutation Carriers: Baseline Analysis of the ZiPP Study Cohort. <i>Journal of Bone and Mineral Research</i> , 2020 , 35, 1246-1252	6.3	4
21	Reduced fetal vitamin D status by maternal undernutrition during discrete gestational windows in sheep. <i>Journal of Developmental Origins of Health and Disease</i> , 2017 , 8, 370-381	2.4	3
20	Bone metabolic marker concentrations across the menstrual cycle and phases of combined oral contraceptive use. <i>Bone</i> , 2021 , 145, 115864	4.7	3
19	The Inhibitory Effect of Sulforaphane on Bladder Cancer Cell Depends on GSH Depletion-Induced by Nrf2 Translocation. <i>Molecules</i> , 2021 , 26,	4.8	3
18	Bone turnover and metabolite responses to exercise in people with and without long-duration type 1 diabetes: a case-control study. <i>BMJ Open Diabetes Research and Care</i> , 2020 , 8,	4.5	2
17	A Three-Year Longitudinal Study Comparing Bone Mass, Density, and Geometry Measured by DXA, pQCT, and Bone Turnover Markers in Children with PKU Taking L-Amino Acid or Glycomacropeptide Protein Substitutes. <i>Nutrients</i> , 2021 , 13,	6.7	2
16	Influence of Vitamin D Supplementation by Simulated Sunlight or Oral D3 on Respiratory Infection during Military Training. <i>Medicine and Science in Sports and Exercise</i> , 2021 , 53, 1505-1516	1.2	2
15	Tart Cherry Supplement Enhances Skeletal Muscle Glutathione Peroxidase Expression and Functional Recovery after Muscle Damage. <i>Medicine and Science in Sports and Exercise</i> , 2021 ,	1.2	1
14	Soluble interleukin-2 receptor in exhaled breath condensate in pulmonary sarcoidosis: a cross-sectional pilot study. <i>Journal of Breath Research</i> , 2020 , 15, 016016	3.1	1
13	Safety and Efficacy of Oral Human Parathyroid Hormone (1-34) in Hypoparathyroidism: An Open-Label Study. <i>Journal of Bone and Mineral Research</i> , 2021 , 36, 1060-1068	6.3	1
12	The effects of short-term low energy availability, achieved through diet or exercise, on cognitive function in oral contraceptive users and eumenorrheic women. <i>Applied Physiology, Nutrition and Metabolism</i> , 2021 , 46, 781-789	3	1
11	Gestational hypercalcemia: Prevalence and biochemical profile. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2020 , 199, 105611	5.1	0
10	Low-Dose Vitamin D Supplementation Does Not Affect Natural Regulatory T Cell Population but Attenuates Seasonal Changes in T Cell-Produced IFN- γ Results From the D-SIRe2 Randomized Controlled Trial. <i>Frontiers in Immunology</i> , 2021 , 12, 623087	8.4	0
9	Failure of national antenatal vitamin D supplementation programme puts dark skinned infants at highest risk: A newborn bloodspot screening study. <i>Clinical Nutrition</i> , 2021 , 40, 3542-3551	5.9	0

8	Vitamin D Supplementation for 12 Months in Older Adults Alters Regulators of Bone Metabolism but Does Not Change Wnt Signaling Pathway Markers.. <i>JBMR Plus</i> , 2022 , 6, e10619	3.9	○
7	Sex differences in tibial adaptations to arduous training: An observational cohort study.. <i>Bone</i> , 2022 , 116426	4.7	○
6	P236 Relationship Between Bone Mineral Density And Bone Turnover Markers In Severe Asthma Patients On Systemic Corticosteroids. <i>Thorax</i> , 2014 , 69, A180-A181	7.3	
5	The combined effect of permeation enhancement and proteolysis inhibition on the systemic exposure of orally administrated peptides: Salcaprozate sodium, soybean trypsin inhibitor, and teriparatide study in pigs. <i>International Journal of Pharmaceutics: X</i> , 2021 , 3, 100097	3.2	
4	EFFICACY OF ORAL VITAMIN D SUPPLEMENTATION OR SIMULATED SUNLIGHT ON BONE DURING MILITARY TRAINING. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 492-492	1.2	
3	Associations Between Vitamin D and Tibial Density and Trabecular Microarchitecture in Army Infantry Recruits. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 395	1.2	
2	Vitamin D and Skeletal Muscle Regeneration: A Systems Approach. <i>Japanese Journal of Physical Fitness and Sports Medicine</i> , 2016 , 65, 157-157	0.1	
1	The Relationship Between Oral Contraceptive Use With Total Hydroxyvitamin D And Its Metabolites In Young Adult Women. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 572-572	1.2	