

Cycling and bone health: a systematic review

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Ciclisme i salut Ã²ssia de lâ€™TMadolescent. Apunts Medicine De L'Esport, 2012, 47, 169.	0.5	1
2	Bike racing, recreational riding, impact sport and bone health. BMC Medicine, 2012, 10, 169.	2.3	4
3	Is Bone Tissue Really Affected by Swimming? A Systematic Review. PLoS ONE, 2013, 8, e70119.	1.1	99
4	The Relationship between Cortisol and Bone Mineral Density in Competitive Male Cyclists. Hindawi Publishing Corporation, 2013, 2013, 1-7.	2.3	10
5	Ergonomic Interventions, Health and Injury Prevention during Off-Road Mountain Biking. Journal of Ergonomics, 2015, 05, .	0.2	2
6	Alterations in bone mineral density and lower extremity lean mass after hip arthroscopy in a professional female Ironman triathlete: a case study. SpringerPlus, 2015, 4, 70.	1.2	2
7	Radial bone size and strength indices in male road cyclists, mountain bikers and controls. European Journal of Sport Science, 2015, 15, 332-340.	1.4	8
8	Effect of a program of short bouts of exercise on bone health in adolescents involved in different sports: the PRO-BONE study protocol. BMC Public Health, 2015, 15, 361.	1.2	26
9	The effects of swimming training on bone tissue in adolescence. Scandinavian Journal of Medicine and Science in Sports, 2015, 25, e589-602.	1.3	32
10	Osteocartilaginous metabolic markers change over a 3-week stage race in pro-cyclists. Scandinavian Journal of Clinical and Laboratory Investigation, 2015, 75, 523-530.	0.6	10
11	Effects of the Residential Environment on Health in Japan Linked with Travel Behavior. International Journal of Environmental Research and Public Health, 2016, 13, 190.	1.2	5
12	Comparisons of Bone Mineral Density Between Recreational and Trained Male Road Cyclists. Clinical Journal of Sport Medicine, 2016, 26, 152-156.	0.9	8
13	NataÃ§Ã£o e ciclismo nÃ£o causam efeitos positivos na densidade mineral Ã³ssea: uma revisÃ£o sistemÃ¡tica. Revista Brasileira De Reumatologia, 2016, 56, 345-351.	0.8	25
14	Benefits of physical exercise in postmenopausal women. Maturitas, 2016, 93, 83-88.	1.0	61
15	Swimming and cycling do not cause positive effects on bone mineral density: a systematic review. Revista Brasileira De Reumatologia, 2016, 56, 345-351.	0.7	22
16	Swimming and bone: Is low bone mass due to hypogravity alone or does other physical activity influence it?. Osteoporosis International, 2016, 27, 1785-1793.	1.3	18
17	The Effect of Swimming During Childhood and Adolescence on Bone Mineral Density: A Systematic Review and Meta-Analysis. Sports Medicine, 2016, 46, 365-379.	3.1	62
18	Muscle-bone interactions: From experimental models to the clinic? A critical update. Molecular and Cellular Endocrinology, 2016, 432, 14-36.	1.6	115

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19	Bone Structure and Geometric Properties at the Radius and Tibia in Adolescent Endurance-Trained Cyclists. <i>Clinical Journal of Sport Medicine</i> , 2017, 27, 69-77.	0.9	8
20	Plyometric exercise and bone health in children and adolescents: a systematic review. <i>World Journal of Pediatrics</i> , 2017, 13, 112-121.	0.8	72
21	Reply to: Comment on "Effects of Elastic Resistance Band Exercise on Postural Balance, Estrogen, Bone Metabolism Index, and Muscle Strength of Perimenopausal Period Women". <i>Journal of the American Geriatrics Society</i> , 2017, 65, 881-882.	1.3	0
22	Swimming and peak bone mineral density: A systematic review and meta-analysis. <i>Journal of Sports Sciences</i> , 2018, 36, 1-13.	1.0	24
23	The Impact of Sport Participation on Bone Mass and Geometry in Male Adolescents. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 317-326.	0.2	39
24	Longitudinal Adaptations of Bone Mass, Geometry, and Metabolism in Adolescent Male Athletes: The PRO-BONE Study. <i>Journal of Bone and Mineral Research</i> , 2017, 32, 2269-2277.	3.1	35
25	Radial and tibial bone indices in athletes participating in different endurance sports: a pQCT study. <i>European Journal of Sport Science</i> , 2017, 17, 231-240.	1.4	8
26	Bone metabolism markers and vitamin D in adolescent cyclists. <i>Archives of Osteoporosis</i> , 2018, 13, 11.	1.0	3
27	Male Flat Jockeys Do Not Display Deteriorations in Bone Density or Resting Metabolic Rate in Accordance With Race Riding Experience: Implications for RED-S. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2018, 28, 434-439.	1.0	13
28	Specific Modulation of Vertebral Marrow Adipose Tissue by Physical Activity. <i>Journal of Bone and Mineral Research</i> , 2018, 33, 651-657.	3.1	33
29	Reduced energy availability: implications for bone health in physically active populations. <i>European Journal of Nutrition</i> , 2018, 57, 847-859.	1.8	79
30	Resistance Training Is Associated With Higher Lumbar Spine and Hip Bone Mineral Density in Competitive Male Cyclists. <i>Journal of Strength and Conditioning Research</i> , 2018, 32, 274-279.	1.0	12
31	The effect of 12-month participation in osteogenic and non-osteogenic sports on bone development in adolescent male athletes. The PRO-BONE study. <i>Journal of Science and Medicine in Sport</i> , 2018, 21, 404-409.	0.6	34
32	A 9-Month Jumping Intervention to Improve Bone Geometry in Adolescent Male Athletes. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 2544-2554.	0.2	20
33	The effect of a high-impact jumping intervention on bone mass, bone stiffness and fitness parameters in adolescent athletes. <i>Archives of Osteoporosis</i> , 2018, 13, 128.	1.0	34
34	Nutrition for the Young Athlete. <i>Journal of Child Science</i> , 2018, 08, e90-e98.	0.1	1
35	Relative Energy Deficiency in Sport in Male Athletes: A Commentary on Its Presentation Among Selected Groups of Male Athletes. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2018, 28, 364-374.	1.0	81
36	Geriatric Cyclists: Assessing Risks, Safety, and Benefits. <i>Geriatric Orthopaedic Surgery and Rehabilitation</i> , 2018, 9, 215145851774874.	0.6	15

#	ARTICLE	IF	CITATIONS
37	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.	1.3	43
38	A cross-sectional and 6-year follow-up study of associations between leisure time physical activity and vertebral fracture in adults. <i>BMC Musculoskeletal Disorders</i> , 2019, 20, 435.	0.8	5
39	May Young Elite Cyclists Have Less Efficient Bone Metabolism?. <i>Nutrients</i> , 2019, 11, 1178.	1.7	3
40	Ketone ester supplementation blunts overreaching symptoms during endurance training overload. <i>Journal of Physiology</i> , 2019, 597, 3009-3027.	1.3	74
41	The muscle-bone unit in adolescent swimmers. <i>Osteoporosis International</i> , 2019, 30, 1079-1088.	1.3	9
42	The Bone Metabolic Response to Exercise and Nutrition. <i>Exercise and Sport Sciences Reviews</i> , 2020, 48, 49-58.	1.6	54
43	Impact of a 4-Week Intensified Endurance Training Intervention on Markers of Relative Energy Deficiency in Sport (RED-S) and Performance Among Well-Trained Male Cyclists. <i>Frontiers in Endocrinology</i> , 2020, 11, 512365.	1.5	18
44	Physical Activity-Dependent Regulation of Parathyroid Hormone and Calcium-Phosphorous Metabolism. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5388.	1.8	62
45	Where are all the men? Low energy availability in male cyclists: A review. <i>European Journal of Sport Science</i> , 2021, 21, 1567-1578.	1.4	6
46	Interleukin-6 May Not Affect Bone Resorption Marker CTX or Bone Formation Marker P1NP in Humans. <i>Journal of the Endocrine Society</i> , 2020, 4, bvaa093.	0.1	7
47	The influence of acute exercise on bone biomarkers: protocol for a systematic review with meta-analysis. <i>Systematic Reviews</i> , 2020, 9, 291.	2.5	10
48	Effects of dynamic resistance exercise on bone mineral density in postmenopausal women: a systematic review and meta-analysis with special emphasis on exercise parameters. <i>Osteoporosis International</i> , 2020, 31, 1427-1444.	1.3	56
49	On- Versus Off-Bike Power Training in Professional Cyclists: A Randomized Controlled Trial. <i>International Journal of Sports Physiology and Performance</i> , 2021, 16, 674-681.	1.1	4
50	The Effect of Endurance and Endurance-Strength Training on Bone Mineral Density and Content in Abdominally Obese Postmenopausal Women: A Randomized Trial. <i>Healthcare (Switzerland)</i> , 2021, 9, 1074.	1.0	2
51	Reduced Endurance Capacity and Suboptimal Energy Availability in Top-Level Female Cyclists. <i>International Journal of Sports Physiology and Performance</i> , 2021, 16, 1194-1203.	1.1	4
52	Professional cyclists have lower levels of bone markers than amateurs. Is there a risk of osteoporosis in cyclist?. <i>Bone</i> , 2021, 153, 116102.	1.4	4
53	Designing Exercise to Improve Bone Health Among Individuals With Cerebral Palsy. <i>Pediatric Physical Therapy</i> , 2021, 33, 50-56.	0.3	11
54	The importance of physical activity. , 0, , 224-239.		1

#	ARTICLE	IF	CITATIONS
55	Comparison of Bone Mineral Density between Professional Cyclists of Union Europe International and Non-athletes. , 0, , .		0
56	EXERCISE AND PEAK BONE MASS: RECOMMENDATION FOR BUILDING HEALTHY BONES IN CHILDREN. Berkala Ilmiah Kedokteran Duta Wacana, 2016, 1, 137.	0.0	0
57	Lifestyle: Physical Activity. , 2017, , 273-282.		0
58	Therapieverfahren. , 2018, , 119-165.		0
59	Plantar pressures in male adolescent soccer players and its associations with bone geometry and strength. Journal of Sports Medicine and Physical Fitness, 2019, 59, 1716-1723.	0.4	0
60	Mountain Bike Racing Stimulates Osteogenic Bone Signaling and Ingesting Carbohydrate-Protein Compared With Carbohydrate-Only Prevents Acute Recovery Bone Resorption Dominance. Journal of Strength and Conditioning Research, 2021, 35, 292-299.	1.0	2
61	SWIMMING AND BONE MINERAL DENSITY: A SPORT WITHOUT OSTEOGENIC STIMULATION?. Revista Brasileira De Medicina Do Esporte, 2020, 26, 113-116.	0.1	1
62	Effects of Gymnastics Activities on Bone Accrual during Growth: A Systematic Review. Journal of Sports Science and Medicine, 2018, 17, 245-258.	0.7	17
63	Exercise Effects on Bone Mineral Density in Men. Nutrients, 2021, 13, 4244.	1.7	12
64	Site-Specific Bone Differences and Energy Status in Male Competitive Runners and Road Cyclists. Journal of Clinical Densitometry, 2022, 25, 150-159.	0.5	2
65	Do we need to change the guideline values for determining low bone mineral density in athletes?. Journal of Applied Physiology, 2022, 132, 1320-1322.	1.2	11
66	Inter-methods agreement for the assessment of percentage of body fat between two laboratory methods in male adolescent cyclists. Nutricion Hospitalaria, 2013, 28, 1049-52.	0.2	5
67	The Effect of Endurance and Endurance-Strength Training on Bone Health and Body Composition in Centrally Obese Womenâ€™A Randomised Pilot Trial. Healthcare (Switzerland), 2022, 10, 821.	1.0	1
68	The Bone Biomarker Response to an Acute Bout of Exercise: A Systematic Review with Meta-Analysis. Sports Medicine, 2022, 52, 2889-2908.	3.1	10
69	Effects of Weight-Bearing and Weight-Supporting Sports on Bone Mass in Males. Polish Journal of Sport and Tourism, 2022, 29, 9-14.	0.2	1
70	Bone Tissue Responsiveness To Mechanical Loadingâ€™Possible Long-Term Implications of Swimming on Bone Health and Bone Development. Current Osteoporosis Reports, 0, , .	1.5	1
71	Low Bone Mineral Density and Associated Risk Factors in Elite Cyclists at Different Stages of a Professional Cycling Career. Medicine and Science in Sports and Exercise, 2023, 55, 957-965.	0.2	4
72	Bone turnover following high-impact exercise is not modulated by collagen supplementation in young men: A randomized cross-over trial. Bone, 2023, 170, 116705.	1.4	0

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73	Prevention and Management of Osteoporosis Through Exercise. , 2023, , 273-288.		0
74	The effect of aquatic exercise on bone mineral density in older adults. A systematic review and meta-analysis. Frontiers in Physiology, 0, 14, .	1.3	2