

Giovanni Lombardi

List of Publications by Year in descending order

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Version: 2024-02-01

161
papers

4,328
citations

145106

33
h-index

169272

56
g-index

166
all docs

166
docs citations

166
times ranked

5801
citing authors

#	ARTICLE	IF	CITATIONS
1	Muscle, Bone, and Fat Crosstalk: the Biological Role of Myokines, Osteokines, and Adipokines. <i>Current Osteoporosis Reports</i> , 2020, 18, 388-400.	1.5	240
2	Metabolic markers in sports medicine. <i>Advances in Clinical Chemistry</i> , 2012, 56, 1-54.	1.8	223
3	Whole-Body Cryotherapy in Athletes. <i>Sports Medicine</i> , 2010, 40, 509-517.	3.1	180
4	Effects of Exercise on Bone Status in Female Subjects, from Young Girls to Postmenopausal Women: An Overview of Systematic Reviews and Meta-Analyses. <i>Sports Medicine</i> , 2016, 46, 1165-1182.	3.1	147
5	Myokines: The endocrine coupling of skeletal muscle and bone. <i>Advances in Clinical Chemistry</i> , 2020, 94, 155-218.	1.8	145
6	Bone Metabolism Markers in Sports Medicine. <i>Sports Medicine</i> , 2010, 40, 697-714.	3.1	129
7	Whole-Body Cryotherapy in Athletes: From Therapy to Stimulation. An Updated Review of the Literature. <i>Frontiers in Physiology</i> , 2017, 8, 258.	1.3	112
8	Normalization strategies differently affect circulating miRNA profile associated with the training status. <i>Scientific Reports</i> , 2019, 9, 1584.	1.6	112
9	Pathophysiology of the human intervertebral disc. <i>International Journal of Biochemistry and Cell Biology</i> , 2008, 40, 837-842.	1.2	104
10	Implications of exercise-induced adipo-myokines in bone metabolism. <i>Endocrine</i> , 2016, 54, 284-305.	1.1	93
11	A four-season molecule: osteocalcin. Updates in its physiological roles. <i>Endocrine</i> , 2015, 48, 394-404.	1.1	75
12	The Malnutritional Status of the Host as a Virulence Factor for New Coronavirus SARS-CoV-2. <i>Frontiers in Medicine</i> , 2020, 7, 146.	1.2	72
13	Changes of clinical activities in an orthopaedic institute in North Italy during the spread of COVID-19 pandemic: a seven-week observational analysis. <i>International Orthopaedics</i> , 2020, 44, 1591-1598.	0.9	69
14	Estrogens and health in males. <i>Molecular and Cellular Endocrinology</i> , 2001, 178, 51-55.	1.6	66
15	Physical Activity-Dependent Regulation of Parathyroid Hormone and Calcium-Phosphorous Metabolism. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5388.	1.8	62
16	Engineering an Environment for the Study of Fibrosis: A 3D Human Muscle Model with Endothelium Specificity and Endomysium. <i>Cell Reports</i> , 2018, 25, 3858-3868.e4.	2.9	56
17	Circulating miRNAs as Diagnostic and Prognostic Biomarkers in Common Solid Tumors: Focus on Lung, Breast, Prostate Cancers, and Osteosarcoma. <i>Journal of Clinical Medicine</i> , 2019, 8, 1661.	1.0	56
18	Caseinphosphopeptide-induced calcium uptake in human intestinal cell lines HT-29 and Caco2 is correlated to cellular differentiation. <i>Journal of Nutritional Biochemistry</i> , 2010, 21, 247-254.	1.9	55

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19	FokI Polymorphism in the Vitamin D Receptor Gene (VDR) and Its Association with Lumbar Spine Pathologies in the Italian Population: A Case-Control Study. <i>PLoS ONE</i> , 2014, 9, e97027.	1.1	51
20	Blood biochemical markers of bone turnover: pre-analytical and technical aspects of sample collection and handling. <i>Clinical Chemistry and Laboratory Medicine</i> , 2012, 50, 771-89.	1.4	50
21	Physical Activity and Bone Health: What Is the Role of Immune System? A Narrative Review of the Third Way. <i>Frontiers in Endocrinology</i> , 2019, 10, 60.	1.5	50
22	Effects of 15 consecutive cryotherapy sessions on the clinical output of fibromyalgic patients. <i>Clinical Rheumatology</i> , 2013, 32, 1337-1345.	1.0	49
23	Circannual rhythm of plasmatic vitamin D levels and the association with markers of psychophysical stress in a cohort of Italian professional soccer players. <i>Chronobiology International</i> , 2017, 34, 471-479.	0.9	48
24	Relationship between vitamin D receptor gene (VDR) polymorphisms, vitamin D status, osteoarthritis and intervertebral disc degeneration. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2013, 138, 24-40.	1.2	46
25	Concerning the vitamin D reference range: pre-analytical and analytical variability of vitamin D measurement. <i>Biochimica Medica</i> , 2017, 27, 030501.	1.2	45
26	Free Circulating miRNAs Measurement in Clinical Settings. <i>Advances in Clinical Chemistry</i> , 2018, 87, 113-139.	1.8	43
27	BsmI, Apal and TaqI Polymorphisms in the Vitamin D Receptor Gene (VDR) and Association with Lumbar Spine Pathologies: An Italian Case-Control Study. <i>PLoS ONE</i> , 2016, 11, e0155004.	1.1	43
28	Bone and Energy Metabolism Parameters in Professional Cyclists during the Giro d' Italia 3-Weeks Stage Race. <i>PLoS ONE</i> , 2012, 7, e42077.	1.1	41
29	Biochemistry of adolescent idiopathic scoliosis. <i>Advances in Clinical Chemistry</i> , 2011, 54, 165-182.	1.8	40
30	Bone-to-Brain: A Round Trip in the Adaptation to Mechanical Stimuli. <i>Frontiers in Physiology</i> , 2021, 12, 623893.	1.3	40
31	Circulating miRNA as fine regulators of the physiological responses to physical activity: Pre-analytical warnings for a novel class of biomarkers. <i>Clinical Biochemistry</i> , 2016, 49, 1331-1339.	0.8	39
32	Vitamin D in exercise: Physiologic and analytical concerns. <i>Clinica Chimica Acta</i> , 2013, 415, 45-53.	0.5	37
33	Perspectives on miRNAs as Epigenetic Markers in Osteoporosis and Bone Fracture Risk: A Step Forward in Personalized Diagnosis. <i>Frontiers in Genetics</i> , 2019, 10, 1044.	1.1	36
34	The Clinical Potential of Circulating miRNAs as Biomarkers: Present and Future Applications for Diagnosis and Prognosis of Age-Associated Bone Diseases. <i>Biomolecules</i> , 2020, 10, 589.	1.8	36
35	Metabolic effects of vitamin D active metabolites in monolayer and micromass cultures of nucleus pulposus and annulus fibrosus cells isolated from human intervertebral disc. <i>International Journal of Biochemistry and Cell Biology</i> , 2012, 44, 1019-1030.	1.2	35
36	Acute exercise in elite rugby players increases the circulating level of the cardiovascular biomarker GDF-15. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2014, 74, 492-499.	0.6	34

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37	Biological rhythms, chronodisruption and chrono-enhancement: The role of physical activity as synchronizer in correcting steroids circadian rhythm in metabolic dysfunctions and cancer. <i>Chronobiology International</i> , 2018, 35, 1185-1197.	0.9	34
38	The Effects of Acute and Chronic Aerobic Activity on the Signaling Pathway of the Inflammasome NLRP3 Complex in Young Men. <i>Medicina (Lithuania)</i> , 2019, 55, 105.	0.8	34
39	Gender Differences in the VDR-FokI Polymorphism and Conventional Non-Genetic Risk Factors in Association with Lumbar Spine Pathologies in an Italian Case-Control Study. <i>International Journal of Molecular Sciences</i> , 2015, 16, 3722-3739.	1.8	32
40	The Central Role of Iron in Human Nutrition: From Folk to Contemporary Medicine. <i>Nutrients</i> , 2020, 12, 1761.	1.7	32
41	Effects of winter swimming on haematological parameters. <i>Biochimica Medica</i> , 2011, 21, 71-78.	1.2	32
42	Bone muscle unit activity, salivary steroid hormones profile, and physical effort over a 3-week stage race. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015, 25, 70-80.	1.3	31
43	Haematological and iron metabolism parameters in professional cyclists during the Giro d'Italia 3-weeks stage race. <i>Clinical Chemistry and Laboratory Medicine</i> , 2012, 50, 949-56.	1.4	30
44	Hematological Profile and Martial Status in Rugby Players during Whole Body Cryostimulation. <i>PLoS ONE</i> , 2013, 8, e55803.	1.1	30
45	Association between solar ultraviolet doses and vitamin D clinical routine data in European mid-latitude population between 2006 and 2018. <i>Photochemical and Photobiological Sciences</i> , 2019, 18, 2696-2706.	1.6	30
46	Effects of repeated sprints training on fracture risk-associated miRNA. <i>Oncotarget</i> , 2018, 9, 18029-18040.	0.8	30
47	Stability of Haematological Parameters and Its Relevance on the Athlete's Biological Passport Model. <i>Sports Medicine</i> , 2011, 41, 1033-1042.	3.1	29
48	Seasonal variation of bone turnover markers in top-level female skiers. <i>European Journal of Applied Physiology</i> , 2011, 111, 433-440.	1.2	29
49	Matrix metalloproteases MMP-2 and MMP-9: Are they early biomarkers of bone remodelling and healing after arthroscopic acromioplasty?. <i>Injury</i> , 2010, 41, 1204-1207.	0.7	28
50	The effect of novel coronavirus disease-2019 (COVID-19) on fibromyalgia syndrome. <i>Clinical and Experimental Rheumatology</i> , 2021, 39, 72-77.	0.4	28
51	Reciprocal regulation of calcium-phosphate-regulating hormones in cyclists during the Giro d'Italia 3-week stage race. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2014, 24, 779-787.	1.3	27
52	Bone turnover response is linked to both acute and established metabolic changes in ultra-marathon runners. <i>Endocrine</i> , 2017, 56, 196-204.	1.1	27
53	A world apart. <i>Clinica Chimica Acta</i> , 2010, 411, 1003-1008.	0.5	26
54	New methodological approach to induce a differentiation phenotype in Caco-2 cells prior to post-confluence stage. <i>Anticancer Research</i> , 2007, 27, 3919-25.	0.5	26

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55	Is there a link between vitamin D status, <sc>SARSâ€CoV</sc>â€2 infection risk and <sc>COVID</sc>â€19 severity?. Cell Biochemistry and Function, 2021, 39, 35-47.	1.4	25
56	Sclerostin concentrations in athletes: role of load and gender. Journal of Biological Regulators and Homeostatic Agents, 2012, 26, 157-63.	0.7	25
57	Stability of osteopontin in plasma and serum. Clinical Chemistry and Laboratory Medicine, 2012, 50, 1979-1984.	1.4	24
58	Vitamin D in the Covid-19 era: a review with recommendations from a G.I.O.S.E.G. expert panel. Endocrine, 2021, 72, 597-603.	1.1	24
59	Cryostimulation for Post-exercise Recovery in Athletes: A Consensus and Position Paper. Frontiers in Sports and Active Living, 2021, 3, 688828.	0.9	24
60	Calcium ions enclosed in casein phosphopeptide aggregates are directly involved in the mineral uptake by differentiated HT-29 cells. International Dairy Journal, 2010, 20, 770-776.	1.5	22
61	Interplay between low plasma RANKL and VDR-FokI polymorphism in lumbar disc herniation independently from age, body mass, and environmental factors: a caseâ€control study in the Italian population. European Spine Journal, 2016, 25, 192-199.	1.0	22
62	Reticulocyte and haemoglobin profiles in elite triathletes over four consecutive seasons. International Journal of Laboratory Hematology, 2011, 33, 638-644.	0.7	21
63	Rates of insufficiency and deficiency of vitamin D levels in elite professional male and female skiers: A chronobiologic approach. Chronobiology International, 2018, 35, 441-449.	0.9	21
64	Operating room efficiency and timing during coronavirus disease 2019 outbreak in a referral orthopaedic hospital in Northern Italy. International Orthopaedics, 2020, 44, 2499-2504.	0.9	21
65	<i>In Vitro</i> Characterization and <i>In Vivo</i> Behavior of Human Nucleus Pulposus and Annulus Fibrosus Cells in Clinical-Grade Fibrin and Collagen-Enriched Fibrin Gels. Tissue Engineering - Part A, 2015, 21, 793-802.	1.6	20
66	A 2-Week Specific Volleyball Training Supported by the Whole Body Cryostimulation Protocol Induced an Increase of Growth Factors and Counteracted Deterioration of Physical Performance. Frontiers in Physiology, 2018, 9, 1711.	1.3	20
67	Sodium butyrate has anti-proliferative, pro-differentiating, and immunomodulatory effects in osteosarcoma cells and counteracts the TNFÎ±-induced low-grade inflammation. International Journal of Immunopathology and Pharmacology, 2018, 31, 039463201775224.	1.0	19
68	Oral Supplementation with Sucrosomial Ferric Pyrophosphate Plus L-Ascorbic Acid to Ameliorate the Martial Status: A Randomized Controlled Trial. Nutrients, 2020, 12, 386.	1.7	19
69	Study of the preanalytical variables affecting the measurement of clinically relevant free-circulating microRNAs: focus on sample matrix, platelet depletion, and storage conditions. Biochimica Medica, 2020, 30, 83-95.	1.2	19
70	Reticulocytes in Sports Medicine. Advances in Clinical Chemistry, 2013, 59, 125-153.	1.8	18
71	Comparison of the Hematological Profile of Elite Road Cyclists during the 2010 and 2012 GiroBio Ten-Day Stage Races and Relationships with Final Ranking. PLoS ONE, 2013, 8, e63092.	1.1	18
72	Differences in Osteoimmunological Biomarkers Predictive of Psoriatic Arthritis among a Large Italian Cohort of Psoriatic Patients. International Journal of Molecular Sciences, 2019, 20, 5617.	1.8	18

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73	Assessment and prediction of spine surgery invasiveness with machine learning techniques. <i>Computers in Biology and Medicine</i> , 2020, 121, 103796.	3.9	18
74	Analytical variability in sport hematology: its importance in an antidoping setting. <i>Clinical Chemistry and Laboratory Medicine</i> , 2011, 49, 779-782.	1.4	17
75	Serum Creatine Kinase Activity and Its Relationship With Renal Function Indices in Professional Cyclists During the Giro d'Italia 3-Week Stage Race. <i>Clinical Journal of Sport Medicine</i> , 2012, 22, 408-413.	0.9	17
76	microRNAs in the Antitumor Immune Response and in Bone Metastasis of Breast Cancer: From Biological Mechanisms to Therapeutics. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2805.	1.8	17
77	Circulating Carboxylated Osteocalcin Correlates With Skeletal Muscle Mass and Risk of Fall in Postmenopausal Osteoporotic Women. <i>Frontiers in Endocrinology</i> , 2021, 12, 669704.	1.5	17
78	Cardiac indexes, cardiac damage biomarkers and energy expenditure in professional cyclists during the Giro d'Italia 3-weeks stage race. <i>Biochimica Medica</i> , 2012, 22, 237-246.	1.2	17
79	Chemical and nutritional properties of white bread leavened by lactic acid bacteria. <i>Journal of Functional Foods</i> , 2018, 45, 330-338.	1.6	16
80	Evaluation of creatinine, cystatin C and eGFR by different equations in professional cyclists during the Giro d'Italia 3-weeks stage race. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2012, 72, 114-120.	0.6	15
81	No evidence of adverse cardiac remodeling in former elite endurance athletes. <i>International Journal of Cardiology</i> , 2016, 222, 171-177.	0.8	15
82	Novel bone metabolism-associated hormones: the importance of the pre-analytical phase for understanding their physiological roles. <i>Endocrine</i> , 2017, 56, 460-484.	1.1	15
83	Whole-body cryostimulation in obesity. A scoping review. <i>Journal of Thermal Biology</i> , 2022, 106, 103250.	1.1	15
84	Nitrogen Containing Bisphosphonates Impair the Release of Bone Homeostasis Mediators and Matrix Production by Human Primary Pre-Osteoblasts. <i>International Journal of Medical Sciences</i> , 2019, 16, 23-32.	1.1	14
85	Interleukin 11 (IL-11): Role(s) in Breast Cancer Bone Metastases. <i>Biomedicine</i> , 2021, 9, 659.	1.4	14
86	Lipocalin 2 increases after high-intensity exercise in humans and influences muscle gene expression and differentiation in mice. <i>Journal of Cellular Physiology</i> , 2022, 237, 551-565.	2.0	14
87	Sclerostin and DKK-1: two important regulators of bone metabolism in HIV-infected youths. <i>Endocrine</i> , 2015, 49, 783-790.	1.1	13
88	The effect of two different speed endurance training protocols on a multiple shuttle run performance in young elite male soccer players. <i>Research in Sports Medicine</i> , 2018, 26, 436-449.	0.7	13
89	Adropin and apelin fluctuations throughout a season in professional soccer players: Are they related with performance?. <i>Peptides</i> , 2015, 70, 32-36.	1.2	12
90	Exercise-Dependent Modulation of Bone Metabolism and Bone Endocrine Function: New Findings and Therapeutic Perspectives. <i>Journal of Science in Sport and Exercise</i> , 2019, 1, 20-28.	0.4	12

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91	Circulating fractures-related microRNAs distinguish primary hyperparathyroidism-related from estrogen withdrawal-related osteoporosis in postmenopausal osteoporotic women: A pilot study. <i>Bone</i> , 2020, 137, 115350.	1.4	12
92	Measuring myokines with cardiovascular functions: pre-analytical variables affecting the analytical output. <i>Annals of Translational Medicine</i> , 2017, 5, 299-299.	0.7	12
93	Design of microfluidic devices for drug screening on in-vitro cells for osteoporosis therapies. <i>Microelectronic Engineering</i> , 2011, 88, 1801-1806.	1.1	11
94	Plasma vitamin D and osteo-cartilaginous markers in Italian males affected by intervertebral disc degeneration: Focus on seasonal and pathological trend of type II collagen degradation. <i>Clinica Chimica Acta</i> , 2017, 471, 87-93.	0.5	11
95	Short-Term Resistance Training Supported by Whole-Body Cryostimulation Induced a Decrease in Myostatin Concentration and an Increase in Isokinetic Muscle Strength. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5496.	1.2	11
96	A Possible Antioxidant Role for Vitamin D in Soccer Players: A Retrospective Analysis of Psychophysical Stress Markers in a Professional Team. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3484.	1.2	11
97	Another Weapon against Cancer and Metastasis: Physical-Activity-Dependent Effects on Adiposity and Adipokines. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2005.	1.8	11
98	Changes in 25-(OH) Vitamin D Levels during the SARS-CoV-2 Outbreak: Lockdown-Related Effects and First-to-Second Wave Difference—An Observational Study from Northern Italy. <i>Biology</i> , 2021, 10, 237.	1.3	11
99	Beneficial effects of whole-body cryotherapy on glucose homeostasis and amino acid profile are associated with a reduced myostatin serum concentration. <i>Scientific Reports</i> , 2021, 11, 7097.	1.6	11
100	Evaluation of a possible direct effect by casein phosphopeptides on paracellular and vitamin D controlled transcellular calcium transport mechanisms in intestinal human HT-29 and Caco2 cell lines. <i>Food and Function</i> , 2013, 4, 1195.	2.1	10
101	Osteocartilaginous metabolic markers change over a 3-week stage race in pro-cyclists. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2015, 75, 523-530.	0.6	10
102	Anti-adalimumab antibodies in psoriasis: lack of clinical utility and laboratory evidence. <i>BMJ Open</i> , 2016, 6, e011941.	0.8	10
103	Changes in urinary amino acids excretion in relationship with muscle activity markers over a professional cycling stage race: in search of fatigue markers. <i>Amino Acids</i> , 2016, 48, 183-192.	1.2	10
104	Plasma and drainage fluid levels of soluble receptor activator of nuclear factor- κ B (sRANK), soluble receptor activator of nuclear factor- κ B ligand (sRANKL) and osteoprotegerin (OPG) during proximal humerus fracture healing. <i>International Orthopaedics</i> , 2011, 35, 777-782.	0.9	9
105	Estimation of glomerular filtration rate by MDRD equation in athletes: role of body surface area. <i>European Journal of Applied Physiology</i> , 2012, 112, 201-206.	1.2	9
106	Postexercise autonomic function after repeated-sprints training. <i>European Journal of Applied Physiology</i> , 2015, 115, 2445-2455.	1.2	9
107	High Levels of Circulating Type II Collagen Degradation Marker (CTx-II) Are Associated with Specific VDR Polymorphisms in Patients with Adult Vertebral Osteochondrosis. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2073.	1.8	9
108	Effect of collection matrix, platelet depletion, and storage conditions on plasma extracellular vesicles and extracellular vesicle-associated miRNAs measurements. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, 59, 893-903.	1.4	9

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109	Nordic Walking Rather Than High Intensity Interval Training Reduced Myostatin Concentration More Effectively in Elderly Subjects and the Range of This Drop Was Modified by Metabolites of Vitamin D. <i>Nutrients</i> , 2021, 13, 4393.	1.7	9
110	Association between physical fitness and mean platelet volume in professional soccer players. <i>Clinical Chemistry and Laboratory Medicine</i> , 2015, 53, e249-52.	1.4	8
111	Level- and sport-specific Star Excursion Balance Test performance in female volleyball players. <i>Journal of Sports Medicine and Physical Fitness</i> , 2019, 59, 733-742.	0.4	8
112	Serum uric acid in top-level alpine skiers over four consecutive competitive seasons. <i>Clinica Chimica Acta</i> , 2010, 411, 645-648.	0.5	7
113	Is Minimally Invasive Spine Surgery Also Minimally Pro-Inflammatory? Muscular Markers, Inflammatory Parameters and Cytokines to Quantify the Operative Invasiveness Assessment in Spine Fusion. <i>European Journal of Inflammation</i> , 2014, 12, 237-249.	0.2	7
114	Effects of sample matrix and storage conditions on full-length visfatin measurement in blood. <i>Clinica Chimica Acta</i> , 2015, 440, 140-142.	0.5	7
115	Effects of 12-months treatment with zoledronate or teriparatide on intima-media thickness of carotid artery in women with postmenopausal osteoporosis: A pilot study. <i>International Journal of Immunopathology and Pharmacology</i> , 2019, 33, 205873841882243.	1.0	7
116	Are two different speed endurance training protocols able to affect the concentration of serum cortisol in response to a shuttle run test in soccer players?. <i>Research in Sports Medicine</i> , 2020, 28, 293-301.	0.7	7
117	Engineering the early bone metastatic niche through human vascularized immuno bone minitissues. <i>Biofabrication</i> , 2021, 13, 035036.	3.7	7
118	The Effect of Repeated Whole-Body Cryostimulation on the HSP-70 and Lipid Metabolisms in Healthy Subjects. <i>Physiological Research</i> , 2019, 68, 419-429.	0.4	7
119	Salivary steroid hormone response to whole-body cryotherapy in elite rugby players. <i>Journal of Biological Regulators and Homeostatic Agents</i> , 2014, 28, 291-300.	0.7	7
120	SUMOylation and NEDDylation in Primary and Metastatic Cancers to Bone. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 889002.	1.8	7
121	Reply to Gore et al.: Plasma volume shift during multiday racing. <i>Clinical Chemistry and Laboratory Medicine</i> , 2013, 51, e111-2.	1.4	6
122	The Specific Judo Training Program Combined With the Whole Body Cryostimulation Induced an Increase of Serum Concentrations of Growth Factors and Changes in Amino Acid Profile in Professional Judokas. <i>Frontiers in Physiology</i> , 2021, 12, 627657.	1.3	6
123	Serum calprotectin as a marker of ultrasound-detected synovitis in early psoriatic and rheumatoid arthritis: results from a cross-sectional retrospective study. <i>Clinical and Experimental Rheumatology</i> , 2019, 37, 429-436.	0.4	6
124	Vitamin D, cardio-inflammation, and endothelial dysfunction in older adults after orthopedic surgery: Results from an open-label trial to ameliorate cardiac function. <i>Nutrition Clinique Et Metabolisme</i> , 2020, 34, 313-318.	0.2	5
125	Sclerostin and bone remodeling biomarkers responses to whole-body cryotherapy ($\sim 110^{\circ}\text{C}$) in healthy young men with different physical fitness levels. <i>Scientific Reports</i> , 2021, 11, 16156.	1.6	5
126	Short and long-term effects of high-intensity interval training applied alone or with whole-body cryostimulation on glucose homeostasis and myokine levels in overweight to obese subjects. <i>Frontiers in Bioscience</i> , 2021, 26, 1132.	0.8	5

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127	Impact of 12-Week Moderate-Intensity Aerobic Training on Inflammasome Complex Activation in Elderly Women. <i>Frontiers in Physiology</i> , 2022, 13, 792859.	1.3	5
128	Muscular Damage and Kidney Function in Rugby Players after Daily Whole Body Cryostimulation. <i>Physiology Journal</i> , 2014, 2014, 1-7.	0.4	4
129	A Differential Hypofunctionality of G α i Proteins Occurs in Adolescent Idiopathic Scoliosis and Correlates with the Risk of Disease Progression. <i>Scientific Reports</i> , 2019, 9, 10074.	1.6	4
130	Perceptual and Biochemical Responses in Relation to Different Match-Day +2 Training Interventions in Soccer Players. <i>Frontiers in Physiology</i> , 2021, 12, 685804.	1.3	4
131	The effect of novel coronavirus disease-2019 (COVID-19) on fibromyalgia syndrome. <i>Clinical and Experimental Rheumatology</i> , 2021, 39 Suppl 130, 72-77.	0.4	4
132	Association of Macronutrients Composition, Physical Activity and Serum Androgen Concentration in Young Women with Polycystic Ovary Syndrome. <i>Nutrients</i> , 2022, 14, 73.	1.7	4
133	A novel methodological approach to simultaneously extract high-quality total RNA and proteins from cortical and trabecular bone. <i>Open Biology</i> , 2022, 12, 210387.	1.5	4
134	Relationship Between Metabolites of Vitamin D, Free 25-(OH)D, and Physical Performance in Indoor and Outdoor Athletes. <i>Frontiers in Physiology</i> , 0, 13, .	1.3	4
135	Prevalence of Osteoarthritis and Arthroplasty in the Hip and Knee of Former Elite Athletes. <i>Clinical Journal of Sport Medicine</i> , 2012, 22, 524-526.	0.9	3
136	Hs-cTnT levels in professional soccer players throughout a season: No evidence of sustained cardiac damage. <i>International Journal of Cardiology</i> , 2015, 197, 292-293.	0.8	3
137	What everybody should know about postural changes. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2018, 78, 407-410.	0.6	3
138	Gastrointestinal In Vitro Digests of Infant Biscuits Formulated with Bovine Milk Proteins Positively Affect In Vitro Differentiation of Human Osteoblast-Like Cells. <i>Foods</i> , 2020, 9, 1510.	1.9	3
139	Ex vivo erythrocyte generation and blood doping. <i>Blood Transfusion</i> , 2013, 11, 161-3.	0.3	3
140	Micro-RNA: A Future Approach to Personalized Diagnosis of Bone Diseases. <i>Calcified Tissue International</i> , 2023, 112, 271-287.	1.5	3
141	The benefits of grape seed extract in neurological disorders and brain aging. <i>Nutritional Neuroscience</i> , 2023, 26, 369-383.	1.5	3
142	Alpha-amylase serum levels in professional soccer players are not related with physical fitness. <i>Journal of Sports Medicine and Physical Fitness</i> , 2017, 57, 214-218.	0.4	2
143	Histological validation of adipogenic differentiation potential of ASC on collagen-based 2D scaffolds. <i>Histochemistry and Cell Biology</i> , 2020, 154, 449-455.	0.8	2
144	A Physically Active Status Affects the Circulating Profile of Cancer-Associated miRNAs. <i>Diagnostics</i> , 2021, 11, 820.	1.3	2

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145	A seven-week observational analysis of clinical activities in a North Italian orthopaedic hospital during the second wave of SARS-CoV-2 pandemic: far from usual volumes, but different from the first wave. <i>International Orthopaedics</i> , 2021, 45, 2473-2482.	0.9	2
146	Whole-Body Cryotherapy: Possible Application in Obesity and Diabetes. , 2020, , 173-188.		2
147	Plasminogen activator inhibitor-1 as a marker of cardiovascular response in professional mountain ultra-marathon runners. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017, 55, e7-e9.	1.4	1
148	Peri-Surgical Inflammatory Profile Associated with Mini-Invasive or Standard Open Lumbar Interbody Fusion Approaches. <i>Journal of Clinical Medicine</i> , 2021, 10, 3128.	1.0	1
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151	Perisurgical and intra-rehabilitative salivary steroid hormone profiles in bicompartamental arthroplasty. <i>Journal of Biological Regulators and Homeostatic Agents</i> , 2015, 29, 953-60.	0.7	1
152	Indirect markers for detecting growth hormone abuse by athletes. <i>Clinical Endocrinology</i> , 2010, 73, 272-3; author reply 274-5.	1.2	0
153	Relationship between osteocalcin, undercarboxylated osteocalcin and markers of energy status in elite cyclist during the Giro d'Italia three-week stage race. <i>Bone</i> , 2012, 50, S193.	1.4	0
154	Evaluation of bone metabolism in elite cyclists during the Giro d'Italia three-week stage race. <i>Bone</i> , 2012, 50, S196-S197.	1.4	0
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