

Giovanni Lombardi

List of Publications by Year in descending order

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Version: 2024-02-01

161
papers

4,328
citations

126907
33
h-index

149698
56
g-index

166
all docs

166
docs citations

166
times ranked

5486
citing authors

#	ARTICLE	IF	CITATIONS
1	Micro-RNA: A Future Approach to Personalized Diagnosis of Bone Diseases. <i>Calcified Tissue International</i> , 2023, 112, 271-287.	3.1	3
2	The benefits of grape seed extract in neurological disorders and brain aging. <i>Nutritional Neuroscience</i> , 2023, 26, 369-383.	3.1	3
3	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.	4.1	14
4	Impact of 12-Week Moderate-Intensity Aerobic Training on Inflammasome Complex Activation in Elderly Women. <i>Frontiers in Physiology</i> , 2022, 13, 792859.	2.8	5
5	SUMOylation and NEDDylation in Primary and Metastatic Cancers to Bone. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 889002.	3.7	7
6	Association of Macronutrients Composition, Physical Activity and Serum Androgen Concentration in Young Women with Polycystic Ovary Syndrome. <i>Nutrients</i> , 2022, 14, 73.	4.1	4
7	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.	3.6	4
8	Whole-body cryostimulation in obesity. A scoping review. <i>Journal of Thermal Biology</i> , 2022, 106, 103250.	2.5	15
9	Is there a link between vitamin D status, <scp>SARSâ€CoV</scp>â€2 infection risk and <scp>COVID</scp>â€19 severity?. <i>Cell Biochemistry and Function</i> , 2021, 39, 35-47.	2.9	25
10	Another Weapon against Cancer and Metastasis: Physical-Activity-Dependent Effects on Adiposity and Adipokines. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2005.	4.1	11
11	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.	2.8	6
12	Changes in 25-(OH) Vitamin D Levels during the SARS-CoV-2 Outbreak: Lockdown-Related Effects and First-to-Second Wave Differenceâ€”An Observational Study from Northern Italy. <i>Biology</i> , 2021, 10, 237.	2.8	11
13	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.	3.3	11
14	A Physically Active Status Affects the Circulating Profile of Cancer-Associated miRNAs. <i>Diagnostics</i> , 2021, 11, 820.	2.6	2
15	Bone-to-Brain: A Round Trip in the Adaptation to Mechanical Stimuli. <i>Frontiers in Physiology</i> , 2021, 12, 623893.	2.8	40
16	Engineering the early bone metastatic niche through human vascularized immuno bone minitissues. <i>Biofabrication</i> , 2021, 13, 035036.	7.1	7
17	Vitamin D in the Covid-19 era: a review with recommendations from a G.I.O.S.E.G. expert panel. <i>Endocrine</i> , 2021, 72, 597-603.	2.3	24
18	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.	1.9	2

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19	Circulating Carboxylated Osteocalcin Correlates With Skeletal Muscle Mass and Risk of Fall in Postmenopausal Osteoporotic Women. <i>Frontiers in Endocrinology</i> , 2021, 12, 669704.	3.5	17
20	Perceptual and Biochemical Responses in Relation to Different Match-Day +2 Training Interventions in Soccer Players. <i>Frontiers in Physiology</i> , 2021, 12, 685804.	2.8	4
21	Interleukin 11 (IL-11): Role(s) in Breast Cancer Bone Metastases. <i>Biomedicines</i> , 2021, 9, 659.	3.2	14
22	Peri-Surgical Inflammatory Profile Associated with Mini-Invasive or Standard Open Lumbar Interbody Fusion Approaches. <i>Journal of Clinical Medicine</i> , 2021, 10, 3128.	2.4	1
23	Sclerostin and bone remodeling biomarkers responses to whole-body cryotherapy (-110°C) in healthy young men with different physical fitness levels. <i>Scientific Reports</i> , 2021, 11, 16156.	3.3	5
24	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.	2.3	9
25	Cryostimulation for Post-exercise Recovery in Athletes: A Consensus and Position Paper. <i>Frontiers in Sports and Active Living</i> , 2021, 3, 688828.	1.8	24
26	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.	2.1	5
27	The effect of novel coronavirus disease-2019 (COVID-19) on fibromyalgia syndrome. <i>Clinical and Experimental Rheumatology</i> , 2021, 39 Suppl 130, 72-77.	0.8	4
28	The effect of novel coronavirus disease-2019 (COVID-19) on fibromyalgia syndrome. <i>Clinical and Experimental Rheumatology</i> , 2021, 39, 72-77.	0.8	28
29	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.	4.1	9
30	Effectiveness of exercise training program on postural control and quality of life in middle-aged men with unilateral lower limb amputation. <i>Exercise and Quality of Life</i> , 2021, 13, 29-35.	0.1	0
31	Myokines: The endocrine coupling of skeletal muscle and bone. <i>Advances in Clinical Chemistry</i> , 2020, 94, 155-218.	3.7	145
32	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.	1.3	7
33	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.	0.5	5
34	Physical Activity-Dependent Regulation of Parathyroid Hormone and Calcium-Phosphorous Metabolism. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5388.	4.1	62
35	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.	2.6	11
36	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.	4.3	3

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37	Operating room efficiency and timing during coronavirus disease 2019 outbreak in a referral orthopaedic hospital in Northern Italy. <i>International Orthopaedics</i> , 2020, 44, 2499-2504.	1.9	21
38	Histological validation of adipogenic differentiation potential of ASC on collagen-based 2D scaffolds. <i>Histochemistry and Cell Biology</i> , 2020, 154, 449-455.	1.7	2
39	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.	2.6	11
40	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.	2.9	12
41	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.	1.9	69
42	The Central Role of Iron in Human Nutrition: From Folk to Contemporary Medicine. <i>Nutrients</i> , 2020, 12, 1761.	4.1	32
43	Muscle, Bone, and Fat Crosstalk: the Biological Role of Myokines, Osteokines, and Adipokines. <i>Current Osteoporosis Reports</i> , 2020, 18, 388-400.	3.6	240
44	Oral Supplementation with Sucrosomial Ferric Pyrophosphate Plus L-Ascorbic Acid to Ameliorate the Martial Status: A Randomized Controlled Trial. <i>Nutrients</i> , 2020, 12, 386.	4.1	19
45	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.	4.0	36
46	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.	4.1	17
47	The Malnutritional Status of the Host as a Virulence Factor for New Coronavirus SARS-CoV-2. <i>Frontiers in Medicine</i> , 2020, 7, 146.	2.6	72
48	Whole-Body Cryotherapy: Possible Application in Obesity and Diabetes. , 2020, , 173-188.		2
49	Assessment and prediction of spine surgery invasiveness with machine learning techniques. <i>Computers in Biology and Medicine</i> , 2020, 121, 103796.	7.0	18
50	Study of the preanalytical variables affecting the measurement of clinically relevant free-circulating microRNAs: focus on sample matrix, platelet depletion, and storage conditions. <i>Biochemia Medica</i> , 2020, 30, 83-95.	2.7	19
51	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.	1.0	12
52	A Differential Hypofunctionality of $\text{G}\ddot{\text{I}}\ddot{\text{I}}$ Proteins Occurs in Adolescent Idiopathic Scoliosis and Correlates with the Risk of Disease Progression. <i>Scientific Reports</i> , 2019, 9, 10074.	3.3	4
53	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.	2.4	56
54	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.	2.3	36

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55	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.	3.5	50
56	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.	2.5	14
57	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.	2.0	34
58	Normalization strategies differently affect circulating miRNA profile associated with the training status. <i>Scientific Reports</i> , 2019, 9, 1584.	3.3	112
59	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.	2.1	7
60	Differences in Osteoimmunological Biomarkers Predictive of Psoriatic Arthritis among a Large Italian Cohort of Psoriatic Patients. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5617.	4.1	18
61	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.	2.9	30
62	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.	0.7	8
63	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.	0.9	7
64	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.	0.8	6
65	Chemical and nutritional properties of white bread leavened by lactic acid bacteria. <i>Journal of Functional Foods</i> , 2018, 45, 330-338.	3.4	16
66	Sodium butyrate has anti-proliferative, pro-differentiating, and immunomodulatory effects in osteosarcoma cells and counteracts the TNF α -induced low-grade inflammation. <i>International Journal of Immunopathology and Pharmacology</i> , 2018, 31, 039463201775224.	2.1	19
67	Rates of insufficiency and deficiency of vitamin D levels in elite professional male and female skiers: A chronobiologic approach. <i>Chronobiology International</i> , 2018, 35, 441-449.	2.0	21
68	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.	6.4	56
69	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. <i>Frontiers in Physiology</i> , 2018, 9, 1711.	2.8	20
70	What everybody should know about postural changes. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2018, 78, 407-410.	1.2	3
71	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.	1.3	13
72	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.	2.0	34

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73	Free Circulating miRNAs Measurement in Clinical Settings. <i>Advances in Clinical Chemistry</i> , 2018, 87, 113-139.	3.7	43
74	Effects of repeated sprints training on fracture risk-associated miRNA. <i>Oncotarget</i> , 2018, 9, 18029-18040.	1.8	30
75	THU0308â€¦Calprotectin as a marker of disease activity in patients with new onset psoriatic and rheumatoid arthritis: correlation with ultrasonographic synovitis. , 2018, , .		0
76	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.	2.3	1
77	Novel bone metabolism-associated hormones: the importance of the pre-analytical phase for understanding their physiological roles. <i>Endocrine</i> , 2017, 56, 460-484.	2.3	15
78	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.	1.1	11
79	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.	2.0	48
80	Bone turnover response is linked to both acute and established metabolic changes in ultra-marathon runners. <i>Endocrine</i> , 2017, 56, 196-204.	2.3	27
81	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.	4.1	9
82	Whole-Body Cryotherapy in Athletes: From Therapy to Stimulation. An Updated Review of the Literature. <i>Frontiers in Physiology</i> , 2017, 8, 258.	2.8	112
83	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.	0.7	2
84	Concerning the vitamin D reference range: pre-analytical and analytical variability of vitamin D measurement. <i>Biochimica Medica</i> , 2017, 27, 030501.	2.7	45
85	Measuring myokines with cardiovascular functions: pre-analytical variables affecting the analytical output. <i>Annals of Translational Medicine</i> , 2017, 5, 299-299.	1.7	12
86	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.	1.9	39
87	No evidence of adverse cardiac remodeling in former elite endurance athletes. <i>International Journal of Cardiology</i> , 2016, 222, 171-177.	1.7	15
88	Anti-adalimumab antibodies in psoriasis: lack of clinical utility and laboratory evidence. <i>BMJ Open</i> , 2016, 6, e011941.	1.9	10
89	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.	6.5	147
90	Implications of exercise-induced adipo-myokines in bone metabolism. <i>Endocrine</i> , 2016, 54, 284-305.	2.3	93

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91	Interplay between low plasma RANKL and VDR-FokI polymorphism in lumbar disc herniation independently from age, body mass, and environmental factors: a case-control study in the Italian population. <i>European Spine Journal</i> , 2016, 25, 192-199.	2.2	22
92	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.	2.7	10
93	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.	2.5	43
94	Association between physical fitness and mean platelet volume in professional soccer players. <i>Clinical Chemistry and Laboratory Medicine</i> , 2015, 53, e249-52.	2.3	8
95	A four-season molecule: osteocalcin. Updates in its physiological roles. <i>Endocrine</i> , 2015, 48, 394-404.	2.3	75
96	Postexercise autonomic function after repeated-sprints training. <i>European Journal of Applied Physiology</i> , 2015, 115, 2445-2455.	2.5	9
97	Adropin and apelin fluctuations throughout a season in professional soccer players: Are they related with performance?. <i>Peptides</i> , 2015, 70, 32-36.	2.4	12
98	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.	4.1	32
99	Sclerostin and DKK-1: two important regulators of bone metabolism in HIV-infected youths. <i>Endocrine</i> , 2015, 49, 783-790.	2.3	13
100	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.	2.9	31
101	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.	1.7	3
102	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.	1.2	10
103	In Vitro Characterization and In Vivo Behavior of Human Nucleus Pulposus and Annulus Fibrosus Cells in Clinical-Grade Fibrin and Collagen-Enriched Fibrin Gels. <i>Tissue Engineering - Part A</i> , 2015, 21, 793-802.	3.1	20
104	Effects of sample matrix and storage conditions on full-length visfatin measurement in blood. <i>Clinica Chimica Acta</i> , 2015, 440, 140-142.	1.1	7
105	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
106	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.	2.5	51
107	Muscular Damage and Kidney Function in Rugby Players after Daily Whole Body Cryostimulation. <i>Physiology Journal</i> , 2014, 2014, 1-7.	0.4	4
108	Reciprocal regulation of calcium-phosphate-regulating hormones in cyclists during the 3-week stage race. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2014, 24, 779-787.	2.9	27

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109	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.	0.5	7
110	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.	1.2	34
111	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
112	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.	4.6	10
113	Vitamin D in exercise: Physiologic and analytical concerns. <i>Clinica Chimica Acta</i> , 2013, 415, 45-53.	1.1	37
114	Reticulocytes in Sports Medicine. <i>Advances in Clinical Chemistry</i> , 2013, 59, 125-153.	3.7	18
115	Effects of 15 consecutive cryotherapy sessions on the clinical output of fibromyalgic patients. <i>Clinical Rheumatology</i> , 2013, 32, 1337-1345.	2.2	49
116	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.	2.5	46
117	Reply to Gore et al.: Plasma volume shift during multiday racing. <i>Clinical Chemistry and Laboratory Medicine</i> , 2013, 51, e111-2.	2.3	6
118	Hematological Profile and Martial Status in Rugby Players during Whole Body Cryostimulation. <i>PLoS ONE</i> , 2013, 8, e55803.	2.5	30
119	Comparison of the Hematological Profile of Elite Road Cyclists during the 2010 and 2012 GiroBio Ten-Day Stage Races and Relationships with Final Ranking. <i>PLoS ONE</i> , 2013, 8, e63092.	2.5	18
120	Ex vivo erythrocyte generation and blood doping. <i>Blood Transfusion</i> , 2013, 11, 161-3.	0.4	3
121	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.	1.2	15
122	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.	1.8	3
123	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.	1.8	17
124	Metabolic markers in sports medicine. <i>Advances in Clinical Chemistry</i> , 2012, 56, 1-54.	3.7	223
125	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.	2.3	30
126	Stability of osteopontin in plasma and serum. <i>Clinical Chemistry and Laboratory Medicine</i> , 2012, 50, 1979-1984.	2.3	24

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127	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.	2.8	35
128	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.	2.9	0
129	Evaluation of bone metabolism in elite cyclists during the Giro d'Italia three-week stage race. <i>Bone</i> , 2012, 50, S196-S197.	2.9	0
130	Bone and Energy Metabolism Parameters in Professional Cyclists during the Giro d'Italia 3-Weeks Stage Race. <i>PLoS ONE</i> , 2012, 7, e42077.	2.5	41
131	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.	2.3	50
132	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.	2.5	9
133	Cardiac indexes, cardiac damage biomarkers and energy expenditure in professional cyclists during the Giro d'Italia 3-weeks stage race. <i>Biochemia Medica</i> , 2012, 22, 237-246.	2.7	17
134	Sclerostin concentrations in athletes: role of load and gender. <i>Journal of Biological Regulators and Homeostatic Agents</i> , 2012, 26, 157-63.	0.7	25
135	Stability of Haematological Parameters and Its Relevance on the Athlete's Biological Passport Model. <i>Sports Medicine</i> , 2011, 41, 1033-1042.	6.5	29
136	Biochemistry of adolescent idiopathic scoliosis. <i>Advances in Clinical Chemistry</i> , 2011, 54, 165-182.	3.7	40
137	Reticulocyte and haemoglobin profiles in elite triathletes over four consecutive seasons. <i>International Journal of Laboratory Hematology</i> , 2011, 33, 638-644.	1.3	21
138	Seasonal variation of bone turnover markers in top-level female skiers. <i>European Journal of Applied Physiology</i> , 2011, 111, 433-440.	2.5	29
139	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.	1.9	9
140	Design of microfluidic devices for drug screening on in-vitro cells for osteoporosis therapies. <i>Microelectronic Engineering</i> , 2011, 88, 1801-1806.	2.4	11
141	Analytical variability in sport hematology: its importance in an antidoping setting. <i>Clinical Chemistry and Laboratory Medicine</i> , 2011, 49, 779-782.	2.3	17
142	Effects of winter swimming on haematological parameters. <i>Biochemia Medica</i> , 2011, 21, 71-78.	2.7	32
143	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.	1.7	28
144	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.	4.2	55

#	ARTICLE	IF	CITATIONS
145	Indirect markers for detecting growth hormone abuse by athletes. <i>Clinical Endocrinology</i> , 2010, 73, 272-3; author reply 274-5.	2.4	0
146	Bone Metabolism Markers in Sports Medicine. <i>Sports Medicine</i> , 2010, 40, 697-714.	6.5	129
147	Calcium ions enclosed in casein phosphopeptide aggregates are directly involved in the mineral uptake by differentiated HT-29 cells. <i>International Dairy Journal</i> , 2010, 20, 770-776.	3.0	22
148	Serum uric acid in top-level alpine skiers over four consecutive competitive seasons. <i>Clinica Chimica Acta</i> , 2010, 411, 645-648.	1.1	7
149	A world apart. <i>Clinica Chimica Acta</i> , 2010, 411, 1003-1008.	1.1	26
150	Whole-Body Cryotherapy in Athletes. <i>Sports Medicine</i> , 2010, 40, 509-517.	6.5	180
151	Pathophysiology of the human intervertebral disc. <i>International Journal of Biochemistry and Cell Biology</i> , 2008, 40, 837-842.	2.8	104
152	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.	1.1	26
153	Estrogens and health in males. <i>Molecular and Cellular Endocrinology</i> , 2001, 178, 51-55.	3.2	66
154	Osteocalcin activates GPRC6A and calcium-sensing receptor modulating intracellular signaling pathways, cell cycle genes, and apoptosis in human parathyroid tumor cells. <i>Endocrine Abstracts</i> , 0, , .	0.0	0
155	Metabolic and Inflammation markers in patients with mild autonomous cortisol secretion: preliminary results of a Randomized Clinical Trial. <i>Endocrine Abstracts</i> , 0, , .	0.0	0
156	Unstable expression of GPRC6A in human pancreatic [beta]-cells. <i>Endocrine Abstracts</i> , 0, , .	0.0	1
157	Ultra-trail marathon induces bone response in association with acute and established metabolic changes. <i>Endocrine Abstracts</i> , 0, , .	0.0	0
158	Bone-specific circulating miRNA profile changes over an 8-week repeated sprint training protocol. <i>Endocrine Abstracts</i> , 0, , .	0.0	1
159	Erk- and Akt-mediated osteocalcin signaling in human pancreatic [beta]-cells does not directly involve GPRC6A activation. <i>Endocrine Abstracts</i> , 0, , .	0.0	0
160	Osteocalcin may participate to the bone-parathyroid crosstalk through activation of the calcium-sensing receptor in human parathyroid adenomas. <i>Endocrine Abstracts</i> , 0, , .	0.0	0
161	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, .	2.8	4