

Giovanni Lombardi

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.

144
papers

2,834
citations

29
h-index

45
g-index

166
ext. papers

3,553
ext. citations

4.2
avg, IF

5.83
L-index

#	Paper	IF	Citations
144	Impact of 12-Week Moderate-Intensity Aerobic Training on Inflammasome Complex Activation in Elderly Women.. <i>Frontiers in Physiology</i> , 2022 , 13, 792859	4.6	0
143	Micro-RNA: A Future Approach to Personalized Diagnosis of Bone Diseases.. <i>Calcified Tissue International</i> , 2022 , 1	3.9	0
142	The benefits of grape seed extract in neurological disorders and brain aging.. <i>Nutritional Neuroscience</i> , 2022 , 1-15	3.6	1
141	SUMOylation and NEDDylation in Primary and Metastatic Cancers to Bone.. <i>Frontiers in Cell and Developmental Biology</i> , 2022 , 10, 889002	5.7	0
140	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	7	0
139	Whole-body cryostimulation in obesity. A scoping review. <i>Journal of Thermal Biology</i> , 2022 , 106, 103250	2.9	1
138	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	5.9	4
137	Cryostimulation for Post-exercise Recovery in Athletes: A Consensus and Position Paper.. <i>Frontiers in Sports and Active Living</i> , 2021 , 3, 688828	2.3	5
136	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, 1132-1146		0
135	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	4.9	5
134	A Physically Active Status Affects the Circulating Profile of Cancer-Associated miRNAs. <i>Diagnostics</i> , 2021 , 11,	3.8	1
133	Bone-to-Brain: A Round Trip in the Adaptation to Mechanical Stimuli. <i>Frontiers in Physiology</i> , 2021 , 12, 623893	4.6	5
132	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	4	14
131	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	3.8	1
130	Circulating Carboxylated Osteocalcin Correlates With Skeletal Muscle Mass and Risk of Fall in Postmenopausal Osteoporotic Women. <i>Frontiers in Endocrinology</i> , 2021 , 12, 669704	5.7	3
129	Perceptual and Biochemical Responses in Relation to Different Match-Day +2 Training Interventions in Soccer Players. <i>Frontiers in Physiology</i> , 2021 , 12, 685804	4.6	1
128	Interleukin 11 (IL-11): Role(s) in Breast Cancer Bone Metastases. <i>Biomedicines</i> , 2021 , 9,	4.8	2

127	Lipocalin 2 increases after high-intensity exercise in humans and influences muscle gene expression and differentiation in mice. <i>Journal of Cellular Physiology</i> , 2021 ,	7	2
126	Is there a link between vitamin D status, SARS-CoV-2 infection risk and COVID-19 severity?. <i>Cell Biochemistry and Function</i> , 2021 , 39, 35-47	4.2	16
125	Another Weapon against Cancer and Metastasis: Physical-Activity-Dependent Effects on Adiposity and Adipokines. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	6
124	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	4.6	3
123	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,	4.9	5
122	Sclerostin and bone remodeling biomarkers responses to whole-body cryotherapy (-10°C) in healthy young men with different physical fitness levels. <i>Scientific Reports</i> , 2021 , 11, 16156	4.9	1
121	The effect of novel coronavirus disease-2019 (COVID-19) on fibromyalgia syndrome. <i>Clinical and Experimental Rheumatology</i> , 2021 , 39 Suppl 130, 72-77	2.2	3
120	The effect of novel coronavirus disease-2019 (COVID-19) on fibromyalgia syndrome. <i>Clinical and Experimental Rheumatology</i> , 2021 , 39, 72-77	2.2	5
119	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,	4.6	6
118	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	4.7	9
117	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	3.8	40
116	The Central Role of Iron in Human Nutrition: From Folk to Contemporary Medicine. <i>Nutrients</i> , 2020 , 12,	6.7	11
115	Muscle, Bone, and Fat Crosstalk: the Biological Role of Myokines, Osteokines, and Adipokines. <i>Current Osteoporosis Reports</i> , 2020 , 18, 388-400	5.4	89
114	Oral Supplementation with Sucrosomial Ferric Pyrophosphate Plus L-Ascorbic Acid to Ameliorate the Martial Status: A Randomized Controlled Trial. <i>Nutrients</i> , 2020 , 12,	6.7	12
113	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,	5.9	20
112	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,	6.3	9
111	The Malnutritional Status of the Host as a Virulence Factor for New Coronavirus SARS-CoV-2. <i>Frontiers in Medicine</i> , 2020 , 7, 146	4.9	50
110	Study of the preanalytical variables affecting the measurement of clinically relevant free-circulating microRNAs: focus on sample matrix, platelet depletion, and storage conditions. <i>Biochimica Medica</i> , 2020 , 30, 010703	2.5	13

109	Whole-Body Cryotherapy: Possible Application in Obesity and Diabetes 2020 , 173-188		1
108	Assessment and prediction of spine surgery invasiveness with machine learning techniques. <i>Computers in Biology and Medicine</i> , 2020 , 121, 103796	7	7
107	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	0.8	4
106	Physical Activity-Dependent Regulation of Parathyroid Hormone and Calcium-Phosphorous Metabolism. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	19
105	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,	4.6	6
104	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,	4.9	2
103	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	3.8	9
102	Histological validation of adipogenic differentiation potential of ASC on collagen-based 2D scaffolds. <i>Histochemistry and Cell Biology</i> , 2020 , 154, 449-455	2.4	0
101	Myokines: The endocrine coupling of skeletal muscle and bone. <i>Advances in Clinical Chemistry</i> , 2020 , 94, 155-218	5.8	64
100	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	3.8	4
99	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	5.7	33
98	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	3.7	10
97	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,	3.1	14
96	Normalization strategies differently affect circulating miRNA profile associated with the training status. <i>Scientific Reports</i> , 2019 , 9, 1584	4.9	57
95	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, 2058738418822439	3	5
94	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	10
93	A Differential Hypofunctionality of Gβγ Proteins Occurs in Adolescent Idiopathic Scoliosis and Correlates with the Risk of Disease Progression. <i>Scientific Reports</i> , 2019 , 9, 10074	4.9	2
92	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,	5.1	45

91	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	4.5	19
90	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	2.1	3
89	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,	6.3	9
88	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	4.2	20
87	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	1.4	7
86	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	2.2	6
85	Chemical and nutritional properties of white bread leavened by lactic acid bacteria. <i>Journal of Functional Foods</i> , 2018 , 45, 330-338	5.1	11
84	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 , 32, 394632017752240	3	13
83	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	3.6	12
82	Free Circulating miRNAs Measurement in Clinical Settings: The Still Unsolved Issue of the Normalization. <i>Advances in Clinical Chemistry</i> , 2018 , 87, 113-139	5.8	27
81	Effects of repeated sprints training on fracture risk-associated miRNA. <i>Oncotarget</i> , 2018 , 9, 18029-18040	3.3	18
80	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	10.6	31
79	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	4.6	13
78	What everybody should know about postural changes. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2018 , 78, 407-410	2	3
77	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	3.8	8
76	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	3.6	27
75	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	5.9	1
74	Novel bone metabolism-associated hormones: the importance of the pre-analytical phase for understanding their physiological roles. <i>Endocrine</i> , 2017 , 56, 460-484	4	13

73	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	6.2	8
72	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	3.6	33
71	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	1.4	1
70	Bone turnover response is linked to both acute and established metabolic changes in ultra-marathon runners. <i>Endocrine</i> , 2017 , 56, 196-204	4	21
69	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,	6.3	6
68	Whole-Body Cryotherapy in Athletes: From Therapy to Stimulation. An Updated Review of the Literature. <i>Frontiers in Physiology</i> , 2017 , 8, 258	4.6	71
67	Concerning the vitamin D reference range: pre-analytical and analytical variability of vitamin D measurement. <i>Biochimica Medica</i> , 2017 , 27, 030501	2.5	33
66	Measuring myokines with cardiovascular functions: pre-analytical variables affecting the analytical output. <i>Annals of Translational Medicine</i> , 2017 , 5, 299	3.2	6
65	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	2.7	20
64	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, 183-92	3.5	5
63	Anti-adalimumab antibodies in psoriasis: lack of clinical utility and laboratory evidence. <i>BMJ Open</i> , 2016 , 6, e011941	3	6
62	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, 1165-82	10.6	120
61	Implications of exercise-induced adipo-myokines in bone metabolism. <i>Endocrine</i> , 2016 , 54, 284-305	4	71
60	Bsm1, 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	3.7	30
59	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	3.5	25
58	No evidence of adverse cardiac remodeling in former elite endurance athletes. <i>International Journal of Cardiology</i> , 2016 , 222, 171-177	3.2	10
57	A four-season molecule: osteocalcin. Updates in its physiological roles. <i>Endocrine</i> , 2015 , 48, 394-404	4	59
56	Postexercise autonomic function after repeated-sprints training. <i>European Journal of Applied Physiology</i> , 2015 , 115, 2445-55	3.4	6

55	Adropin and apelin fluctuations throughout a season in professional soccer players: Are they related with performance?. <i>Peptides</i> , 2015 , 70, 32-6	3.8	7
54	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, 3722-39	6.3	28
53	Sclerostin and DKK-1: two important regulators of bone metabolism in HIV-infected youths. <i>Endocrine</i> , 2015 , 49, 783-90	4	12
52	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	4.6	27
51	Hs-cTnT levels in professional soccer players throughout a season: No evidence of sustained cardiac damage. <i>International Journal of Cardiology</i> , 2015 , 197, 292-3	3.2	2
50	Osteocartilaginous metabolic markers change over a 3-week stage race in pro-cyclists. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2015 , 75, 523-30	2	7
49	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	3.9	15
48	Effects of sample matrix and storage conditions on full-length visfatin measurement in blood. <i>Clinica Chimica Acta</i> , 2015 , 440, 140-2	6.2	6
47	Association between physical fitness and mean platelet volume in professional soccer players. <i>Clinical Chemistry and Laboratory Medicine</i> , 2015 , 53, e249-52	5.9	6
46	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
45	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, 492-9	2	24
44	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	3.7	40
43	Muscular Damage and Kidney Function in Rugby Players after Daily Whole Body Cryostimulation. <i>Physiology Journal</i> , 2014 , 2014, 1-7		3
42	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, 779-87	4.6	23
41	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
40	Iron Requirements and Iron Status of Athletes 2013 , 229-241		1
39	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, 1195-203	6.1	8
38	Vitamin D in exercise: physiologic and analytical concerns. <i>Clinica Chimica Acta</i> , 2013 , 415, 45-53	6.2	29

37	Reticulocytes in sports medicine: an update. <i>Advances in Clinical Chemistry</i> , 2013 , 59, 125-53	5.8	12
36	Effects of 15 consecutive cryotherapy sessions on the clinical output of fibromyalgic patients. <i>Clinical Rheumatology</i> , 2013 , 32, 1337-45	3.9	37
35	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	5.1	41
34	Reply to Gore et al.: Plasma volume shift during multiday racing. <i>Clinical Chemistry and Laboratory Medicine</i> , 2013 , 51, e111-2	5.9	6
33	Hematological profile and martial status in rugby players during whole body cryostimulation. <i>PLoS ONE</i> , 2013 , 8, e55803	3.7	26
32	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	3.7	13
31	Estimation of glomerular filtration rate by MDRD equation in athletes: role of body surface area. <i>European Journal of Applied Physiology</i> , 2012 , 112, 201-6	3.4	9
30	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, 1019-30	5.6	29
29	Bone and energy metabolism parameters in professional cyclists during the Giro d'Italia 3-weeks stage race. <i>PLoS ONE</i> , 2012 , 7, e42077	3.7	31
28	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	5.9	41
27	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, 114-20	2	15
26	Prevalence of osteoarthritis and arthroplasty in the hip and knee of former elite athletes. <i>Clinical Journal of Sport Medicine</i> , 2012 , 22, 524-6	3.2	3
25	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, 408-13	3.2	14
24	Metabolic markers in sports medicine. <i>Advances in Clinical Chemistry</i> , 2012 , 56, 1-54	5.8	143
23	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	5.9	25
22	Stability of osteopontin in plasma and serum. <i>Clinical Chemistry and Laboratory Medicine</i> , 2012 , 50, 1979-84	3.4	21
21	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, 237-46	2.5	16
20	Sclerostin concentrations in athletes: role of load and gender. <i>Journal of Biological Regulators and Homeostatic Agents</i> , 2012 , 26, 157-63	0.7	24

19	Stability of haematological parameters and its relevance on the athlete's biological passport model. <i>Sports Medicine</i> , 2011 , 41, 1033-42	10.6	24
18	Biochemistry of adolescent idiopathic scoliosis. <i>Advances in Clinical Chemistry</i> , 2011 , 54, 165-82	5.8	31
17	Reticulocyte and haemoglobin profiles in elite triathletes over four consecutive seasons. <i>International Journal of Laboratory Hematology</i> , 2011 , 33, 638-44	2.5	17
16	Seasonal variation of bone turnover markers in top-level female skiers. <i>European Journal of Applied Physiology</i> , 2011 , 111, 433-40	3.4	23
15	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, 777-82	3.8	9
14	Design of microfluidic devices for drug screening on in-vitro cells for osteoporosis therapies. <i>Microelectronic Engineering</i> , 2011 , 88, 1801-1806	2.5	7
13	Analytical variability in sport hematology: its importance in an antidoping setting. <i>Clinical Chemistry and Laboratory Medicine</i> , 2011 , 49, 779-82	5.9	12
12	Effect of winter swimming on haematological parameters. <i>Biochemia Medica</i> , 2011 , 21, 71-8	2.5	24
11	Indirect markers for detecting growth hormone abuse by athletes. <i>Clinical Endocrinology</i> , 2010 , 73, 272-3; author reply 274-5	3.4	
10	Bone metabolism markers in sports medicine. <i>Sports Medicine</i> , 2010 , 40, 697-714	10.6	98
9	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	3.5	21
8	Serum uric acid in top-level alpine skiers over four consecutive competitive seasons. <i>Clinica Chimica Acta</i> , 2010 , 411, 645-8	6.2	7
7	A world apart: Inaccuracies of laboratory methodologies in antidoping testing. <i>Clinica Chimica Acta</i> , 2010 , 411, 1003-8	6.2	18
6	Whole-body cryotherapy in athletes. <i>Sports Medicine</i> , 2010 , 40, 509-17	10.6	142
5	Matrix metalloproteases MMP-2 and MMP-9: are they early biomarkers of bone remodelling and healing after arthroscopic acromioplasty?. <i>Injury</i> , 2010 , 41, 1204-7	2.5	22
4	Casein phosphopeptide-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, 247-54	6.3	51
3	Pathophysiology of the human intervertebral disc. <i>International Journal of Biochemistry and Cell Biology</i> , 2008 , 40, 837-42	5.6	78
2	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	2.3	24

1 Estrogens and health in males. *Molecular and Cellular Endocrinology*, **2001**, 178, 51-5

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