

Giuseppe Banfi

List of Publications by Year in descending order

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Version: 2024-02-01

335
papers

10,346
citations

53794

45
h-index

66911

78
g-index

347
all docs

347
docs citations

347
times ranked

12854
citing authors

#	ARTICLE	IF	CITATIONS
1	Timing Matters in Hip Fracture Surgery: Patients Operated within 48 Hours Have Better Outcomes. A Meta-Analysis and Meta-Regression of over 190,000 Patients. PLoS ONE, 2012, 7, e46175.	2.5	439
2	Molecular basis of anti-inflammatory action of platelet-rich plasma on human chondrocytes: Mechanisms of NF- κ B inhibition via HGF. Journal of Cellular Physiology, 2010, 225, 757-766.	4.1	358
3	Detection of COVID-19 Infection from Routine Blood Exams with Machine Learning: A Feasibility Study. Journal of Medical Systems, 2020, 44, 135.	3.6	240
4	Metabolic markers in sports medicine. Advances in Clinical Chemistry, 2012, 56, 1-54.	3.7	223
5	Routine blood tests as a potential diagnostic tool for COVID-19. Clinical Chemistry and Laboratory Medicine, 2020, 58, 1095-1099.	2.3	199
6	Whole-Body Cryotherapy in Athletes. Sports Medicine, 2010, 40, 509-517.	6.5	180
7	The role of ethylenediamine tetraacetic acid (EDTA) as in vitro anticoagulant for diagnostic purposes. Clinical Chemistry and Laboratory Medicine, 2007, 45, 565-76.	2.3	176
8	Oxidative stress, free radicals and bone remodeling. Clinical Chemistry and Laboratory Medicine, 2008, 46, 1550-5.	2.3	175
9	Machine Learning in Orthopedics: A Literature Review. Frontiers in Bioengineering and Biotechnology, 2018, 6, 75.	4.1	148
10	Effects of Exercise on Bone Status in Female Subjects, from Young Girls to Postmenopausal Women: An Overview of Systematic Reviews and Meta-Analyses. Sports Medicine, 2016, 46, 1165-1182.	6.5	147
11	Myokines: The endocrine coupling of skeletal muscle and bone. Advances in Clinical Chemistry, 2020, 94, 155-218.	3.7	145
12	Dietary Neurotransmitters: A Narrative Review on Current Knowledge. Nutrients, 2018, 10, 591.	4.1	138
13	Effects of whole-body cryotherapy on serum mediators of inflammation and serum muscle enzymes in athletes. Journal of Thermal Biology, 2009, 34, 55-59.	2.5	133
14	Bone Metabolism Markers in Sports Medicine. Sports Medicine, 2010, 40, 697-714.	6.5	129
15	Whole-Body Cryotherapy in Athletes: From Therapy to Stimulation. An Updated Review of the Literature. Frontiers in Physiology, 2017, 8, 258.	2.8	112
16	Normalization strategies differently affect circulating miRNA profile associated with the training status. Scientific Reports, 2019, 9, 1584.	3.3	112
17	Preanalytical quality improvement. In pursuit of harmony, on behalf of European Federation for Clinical Chemistry and Laboratory Medicine (EFLM) Working group for Preanalytical Phase (WG-PRE). Clinical Chemistry and Laboratory Medicine, 2015, 53, 357-70.	2.3	110
18	Development, evaluation, and validation of machine learning models for COVID-19 detection based on routine blood tests. Clinical Chemistry and Laboratory Medicine, 2021, 59, 421-431.	2.3	109

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19	Pathophysiology of the human intervertebral disc. International Journal of Biochemistry and Cell Biology, 2008, 40, 837-842.	2.8	104
20	Hemoglobin Point-of-Care Testing: The HemoCue System. Journal of the Association for Laboratory Automation, 2013, 18, 198-205.	2.8	100
21	Implications of exercise-induced adipo-myokines in bone metabolism. Endocrine, 2016, 54, 284-305.	2.3	93
22	Recommendations for detection and management of unsuitable samples in clinical laboratories. Clinical Chemistry and Laboratory Medicine, 2007, 45, 728-36.	2.3	92
23	Anemia and iron status in young fertile non-professional female athletes. European Journal of Applied Physiology, 2008, 102, 703-709.	2.5	76
24	The effect of prolonged whole-body cryostimulation treatment with different amounts of sessions on chosen pro- and anti-inflammatory cytokines levels in healthy men. Scandinavian Journal of Clinical and Laboratory Investigation, 2011, 71, 419-425.	1.2	76
25	A four-season molecule: osteocalcin. Updates in its physiological roles. Endocrine, 2015, 48, 394-404.	2.3	75
26	Regenerative Medicine in Rotator Cuff Injuries. BioMed Research International, 2014, 2014, 1-9.	1.9	74
27	The Malnutritional Status of the Host as a Virulence Factor for New Coronavirus SARS-CoV-2. Frontiers in Medicine, 2020, 7, 146.	2.6	72
28	Machine learning in laboratory medicine: waiting for the flood?. Clinical Chemistry and Laboratory Medicine, 2018, 56, 516-524.	2.3	70
29	Ultrasound-guided interventional procedures around the shoulder. British Journal of Radiology, 2016, 89, 20150372.	2.2	67
30	Ultrasound-guided percutaneous irrigation in rotator cuff calcific tendinopathy: what is the evidence? A systematic review with proposals for future reporting. European Radiology, 2015, 25, 2176-2183.	4.5	64
31	Physical Activity-Dependent Regulation of Parathyroid Hormone and Calcium-Phosphorous Metabolism. International Journal of Molecular Sciences, 2020, 21, 5388.	4.1	62
32	Significant variation of traditional markers of liver injury after a half-marathon run. European Journal of Internal Medicine, 2011, 22, e36-e38.	2.2	59
33	Alendronate rescued osteoporotic phenotype in a model of glucocorticoid-induced osteoporosis in adult zebrafish scale. International Journal of Experimental Pathology, 2015, 96, 11-20.	1.3	59
34	Disentangling the Hypothesis of Host Dysosmia and SARS-CoV-2: The Bait Symptom That Hides Neglected Neurophysiological Routes. Frontiers in Physiology, 2020, 11, 671.	2.8	57
35	Circulating miRNAs as Diagnostic and Prognostic Biomarkers in Common Solid Tumors: Focus on Lung, Breast, Prostate Cancers, and Osteosarcoma. Journal of Clinical Medicine, 2019, 8, 1661.	2.4	56
36	Changes in lipid profile in response to three different protocols of whole-body cryostimulation treatments. Cryobiology, 2010, 61, 22-26.	0.7	53

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37	The zebrafish scale as model to study the bone mineralization process. <i>Journal of Molecular Histology</i> , 2012, 43, 589-595.	2.2	51
38	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
39	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
40	Ultrasound guidance to perform intra-articular injection of gadolinium-based contrast material for magnetic resonance arthrography as an alternative to fluoroscopy: the time is now. <i>European Radiology</i> , 2016, 26, 1221-1225.	4.5	50
41	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
42	Effects of early virtual reality-based rehabilitation in patients with total knee arthroplasty. <i>Medicine (United States)</i> , 2020, 99, e19136.	1.0	50
43	Efficacy of Muscle Exercise in Patients with Muscular Dystrophy: A Systematic Review Showing a Missed Opportunity to Improve Outcomes. <i>PLoS ONE</i> , 2013, 8, e65414.	2.5	50
44	Effects of 15 consecutive cryotherapy sessions on the clinical output of fibromyalgic patients. <i>Clinical Rheumatology</i> , 2013, 32, 1337-1345.	2.2	49
45	Irisin: A Potential Link between Physical Exercise and Metabolism—An Observational Study in Differently Trained Subjects, from Elite Athletes to Sedentary People. <i>Journal of Diabetes Research</i> , 2017, 2017, 1-7.	2.3	49
46	Zebrafish Models of Human Skeletal Disorders: Embryo and Adult Swimming Together. <i>BioMed Research International</i> , 2019, 2019, 1-13.	1.9	49
47	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
48	Increased frequency of activated CD8+ T cell effectors in patients with psoriatic arthritis. <i>Scientific Reports</i> , 2019, 9, 10870.	3.3	48
49	Consequences for the Elderly After COVID-19 Isolation: FEaR (Frail Elderly amid Restrictions). <i>Frontiers in Psychology</i> , 2020, 11, 565052.	2.1	48
50	Healthy Eating, Physical Activity, and Sleep Hygiene (HEPAS) as the Winning Triad for Sustaining Physical and Mental Health in Patients at Risk for or with Neuropsychiatric Disorders: Considerations for Clinical Practice. <i>Neuropsychiatric Disease and Treatment</i> , 2020, Volume 16, 55-70.	2.2	48
51	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
52	Dissecting the neurofunctional bases of intentional action. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 7440-7445.	7.1	46
53	LC-MS/MS method for simultaneous determination of linezolid, meropenem, piperacillin and teicoplanin in human plasma samples. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 169, 11-18.	2.8	46
54	Point-of-care testing: where is the evidence? A systematic survey. <i>Clinical Chemistry and Laboratory Medicine</i> , 2014, 52, 313-24.	2.3	45

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55	Enteric Microbiome Markers as Early Predictors of Clinical Outcome in Allogeneic Hematopoietic Stem Cell Transplant: Results of a Prospective Study in Adult Patients. Open Forum Infectious Diseases, 2017, 4, ofx215.	0.9	45
56	Food Bioactive Compounds and Their Interference in Drug Pharmacokinetic/Pharmacodynamic Profiles. Pharmaceutics, 2018, 10, 277.	4.5	45
57	Concerning the vitamin D reference range: pre-analytical and analytical variability of vitamin D measurement. Biochemia Medica, 2017, 27, 030501.	2.7	45
58	Like the back of the (right) hand? A new fMRI look on the hand laterality task. Experimental Brain Research, 2014, 232, 3873-3895.	1.5	44
59	Heart Rate Variability in Sport Performance: Do Time of Day and Chronotype Play A Role?. Journal of Clinical Medicine, 2019, 8, 723.	2.4	44
60	Cardiac troponins and physical exercise. It's time to make a point. Biochemia Medica, 2011, 21, 55-64.	2.7	44
61	Free Circulating miRNAs Measurement in Clinical Settings. Advances in Clinical Chemistry, 2018, 87, 113-139.	3.7	43
62	BsmI, ApaI and TaqI Polymorphisms in the Vitamin D Receptor Gene (VDR) and Association with Lumbar Spine Pathologies: An Italian Case-Control Study. PLoS ONE, 2016, 11, e0155004.	2.5	43
63	Foot-strike haemolysis after a 60-km ultramarathon. Blood Transfusion, 2012, 10, 377-83.	0.4	42
64	Updates on improvement of human athletic performance: focus on world records in athletics. British Medical Bulletin, 2008, 87, 7-15.	6.9	41
65	Seasonal variations of haematological parameters in athletes. European Journal of Applied Physiology, 2011, 111, 9-16.	2.5	41
66	Bone and Energy Metabolism Parameters in Professional Cyclists during the Giro d'Italia 3-Weeks Stage Race. PLoS ONE, 2012, 7, e42077.	2.5	41
67	Improving quality in the preanalytical phase through innovation, on behalf of the European Federation for Clinical Chemistry and Laboratory Medicine (EFLM) Working Group for Preanalytical Phase (WG-PRE). Clinical Chemistry and Laboratory Medicine, 2017, 55, 489-500.	2.3	41
68	Metabolic and bone effects of high-fat diet in adult zebrafish. Endocrine, 2018, 61, 317-326.	2.3	41
69	Is disruption of sleep quality a consequence of severe Covid-19 infection? A case-series examination. Chronobiology International, 2020, 37, 1110-1114.	2.0	41
70	Biochemistry of adolescent idiopathic scoliosis. Advances in Clinical Chemistry, 2011, 54, 165-182.	3.7	40
71	Chronic hyperglycemia affects bone metabolism in adult zebrafish scale model. Endocrine, 2016, 54, 808-817.	2.3	40
72	Circulating miRNA as fine regulators of the physiological responses to physical activity: Pre-analytical warnings for a novel class of biomarkers. Clinical Biochemistry, 2016, 49, 1331-1339.	1.9	39

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73	High Prevalence of Radiological Vertebral Fractures in Women on Thyroid-Stimulating Hormone–Suppressive Therapy for Thyroid Carcinoma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 956-964.	3.6	39
74	Cortisol, Testosterone, and Free Testosterone in Athletes Performing a Marathon at 4,000 m Altitude. <i>Hormone Research</i> , 1994, 41, 225-229.	1.8	38
75	Sudden Cardiac Death in Young Athletes. <i>Internal Medicine</i> , 2008, 47, 1373-1378.	0.7	38
76	Effects of the whole-body cryotherapy on NTproBNP, hsCRP and troponin I in athletes. <i>Journal of Science and Medicine in Sport</i> , 2009, 12, 609-610.	1.3	38
77	Long-term outcome after arthroscopic rotator cuff treatment. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2015, 23, 523-529.	4.2	38
78	Home-Based Resistance Training for Older Subjects during the COVID-19 Outbreak in Italy: Preliminary Results of a Six-Months RCT. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 9533.	2.6	38
79	Nitric oxide mediates low magnesium inhibition of osteoblast-like cell proliferation. <i>Journal of Nutritional Biochemistry</i> , 2012, 23, 1224-1229.	4.2	37
80	Vitamin D in exercise: Physiologic and analytical concerns. <i>Clinica Chimica Acta</i> , 2013, 415, 45-53.	1.1	37
81	Simultaneous bilateral total hip arthroplasties do not lead to higher complication or allogeneic transfusion rates compared to unilateral procedures. <i>International Orthopaedics</i> , 2013, 37, 2125-2130.	1.9	36
82	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
83	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
84	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
85	Diabetic Mouse Model of Orthopaedic Implant-Related <i>Staphylococcus Aureus</i> Infection. <i>PLoS ONE</i> , 2013, 8, e67628.	2.5	35
86	Economic study: a cost-effectiveness analysis of an intraoperative compared with a preoperative image-guided system in lumbar pedicle screw fixation in patients with degenerative spondylolisthesis. <i>Spine Journal</i> , 2014, 14, 1790-1796.	1.3	35
87	Lipogems Product Treatment Increases the Proliferation Rate of Human Tendon Stem Cells without Affecting Their Stemness and Differentiation Capability. <i>Stem Cells International</i> , 2016, 2016, 1-11.	2.5	35
88	When I am (almost) 64: The effect of normal ageing on implicit motor imagery in young elderlies. <i>Behavioural Brain Research</i> , 2016, 303, 137-151.	2.2	35
89	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
90	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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91	Biological Variation in Tests of Hemostasis. <i>Seminars in Thrombosis and Hemostasis</i> , 2009, 35, 119-126.	2.7	33
92	Strain-dependent release of cytokines modulated by <i>Lactobacillus salivarius</i> human isolates in an in vitro model. <i>BMC Research Notes</i> , 2010, 3, 44.	1.4	33
93	Differential Proteomic Analysis Predicts Appropriate Applications for the Secretome of Adipose-Derived Mesenchymal Stem/Stromal Cells and Dermal Fibroblasts. <i>Stem Cells International</i> , 2018, 2018, 1-11.	2.5	33
94	Blood management in fast-track orthopedic surgery: an evidence-based narrative review. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 263.	2.3	33
95	Blood transfusions in athletes. Old dogmas, new tricks. <i>Clinical Chemistry and Laboratory Medicine</i> , 2006, 44, 1395-402.	2.3	32
96	Reticulocytes in Sports Medicine. <i>Sports Medicine</i> , 2008, 38, 187-211.	6.5	32
97	Serum Creatinine Concentration and Creatinine-Based Estimation of Glomerular Filtration Rate in Athletes. <i>Sports Medicine</i> , 2009, 39, 331-337.	6.5	32
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	The Central Role of Iron in Human Nutrition: From Folk to Contemporary Medicine. <i>Nutrients</i> , 2020, 12, 1761.	4.1	32
100	Onsets of complications and revisions are not increased after simultaneous bilateral unicompartmental knee arthroplasty in comparison with unilateral procedures. <i>International Orthopaedics</i> , 2015, 39, 871-877.	1.9	31
101	Presepsin: A potential biomarker of PJI? A comparative analysis with known and new infection biomarkers. <i>International Journal of Immunopathology and Pharmacology</i> , 2018, 31, 039463201774935.	2.1	31
102	Effect of a Night Game on Actigraphy-Based Sleep Quality and Perceived Recovery in Top-Level Volleyball Athletes. <i>International Journal of Sports Physiology and Performance</i> , 2019, 14, 265-269.	2.3	31
103	A Narrative Literature Review of Bias in Collecting Patient Reported Outcomes Measures (PROMs). <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 12445.	2.6	31
104	Reticulocyte count, mean reticulocyte volume, immature reticulocyte fraction, and mean spheroid cell volume in elite athletes: reference values and comparison with the general population. <i>Clinical Chemistry and Laboratory Medicine</i> , 2006, 44, 616-22.	2.3	30
105	Evaluation of iron deficiency in young women in relation to oral contraceptive use. <i>Contraception</i> , 2007, 76, 200-207.	1.5	30
106	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
107	Hematological Profile and Martial Status in Rugby Players during Whole Body Cryostimulation. <i>PLoS ONE</i> , 2013, 8, e55803.	2.5	30
108	T Cell Subpopulations in the Physiopathology of Fibromyalgia: Evidence and Perspectives. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1186.	4.1	30

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109	Effects of repeated sprints training on fracture risk-associated miRNA. <i>Oncotarget</i> , 2018, 9, 18029-18040.	1.8	30
110	Serum Creatinine Values in Elite Athletes Competing in 8 Different Sports: Comparison with Sedentary People. <i>Clinical Chemistry</i> , 2006, 52, 330-331.	3.2	29
111	New strategies for doping control. <i>Journal of Sports Sciences</i> , 2008, 26, 441-445.	2.0	29
112	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
113	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
114	Osteoblast and osteoclast behavior in zebrafish cultured scales. <i>Cell and Tissue Research</i> , 2012, 350, 69-75.	2.9	29
115	The effects of strontium on skeletal development in zebrafish embryo. <i>Journal of Trace Elements in Medicine and Biology</i> , 2013, 27, 375-379.	3.0	29
116	Hypocalcemia in COVID-19 is associated with low vitamin D levels and impaired compensatory PTH response. <i>Endocrine</i> , 2021, 74, 219-225.	2.3	29
117	Exercise-related increase of cardiac troponin release in sports: An apparent paradox finally elucidated?. <i>Clinica Chimica Acta</i> , 2010, 411, 610-611.	1.1	28
118	Doping and Thrombosis in Sports. <i>Seminars in Thrombosis and Hemostasis</i> , 2011, 37, 918-928.	2.7	28
119	Effect of a Habitual Late-Evening Physical Task on Sleep Quality in Neither-Type Soccer Players. <i>Frontiers in Physiology</i> , 2018, 9, 1582.	2.8	28
120	The Role of the Molecular Clock in Promoting Skeletal Muscle Growth and Protecting against Sarcopenia. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4318.	4.1	28
121	Harmonization of six quantitative SARS-CoV-2 serological assays using sera of vaccinated subjects. <i>Clinica Chimica Acta</i> , 2021, 522, 144-151.	1.1	28
122	Contribution of Italian spine research to peer reviewed publications. <i>European Spine Journal</i> , 2011, 20, 1-2.	2.2	27
123	A role for CCR5+CD4 T cells in cutaneous psoriasis and for CD103+ CCR4+ CD8 Teff cells in the associated systemic inflammation. <i>Journal of Autoimmunity</i> , 2016, 70, 80-90.	6.5	27
124	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
125	Alcohol and illicit drugs in drivers involved in road traffic crashes in the Milan area. A comparison with normal traffic reveals the possible inadequacy of current cut-off limits. <i>Forensic Science International</i> , 2018, 282, 127-132.	2.2	27
126	Athletes' rest-activity circadian rhythm differs in accordance with the sport discipline. <i>Chronobiology International</i> , 2019, 36, 578-586.	2.0	27

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127	Innovative Educational Pathways in Spine Surgery: Advanced Virtual Reality-Based Training. World Neurosurgery, 2020, 140, 674-680.	1.3	27
128	Preanalytical variability: the dark side of the moon in blood doping screening. European Journal of Applied Physiology, 2010, 109, 1003-1005.	2.5	26
129	Variable number of tandem repeat polymorphisms of the interleukin-1 receptor antagonist gene IL-1RN: a novel association with the athlete status. BMC Medical Genetics, 2010, 11, 29.	2.1	26
130	A world apart. Clinica Chimica Acta, 2010, 411, 1003-1008.	1.1	26
131	CCR4+ Skin-Tropic Phenotype as a Feature of Central Memory CD8+ T Cells in Healthy Subjects and Psoriasis Patients. Frontiers in Immunology, 2020, 11, 529.	4.8	26
132	Association of recreational physical activity with homocysteine, folate and lipid markers in young women. European Journal of Applied Physiology, 2009, 105, 111-118.	2.5	25
133	Toxicological investigation in blood samples from suspected impaired driving cases in the Milan area: Possible loss of evidence due to late blood sampling. Forensic Science International, 2018, 288, 211-217.	2.2	25
134	The Role of Physical Activity for the Management of Sarcopenia in People Living with HIV. International Journal of Environmental Research and Public Health, 2020, 17, 1283.	2.6	25
135	SARS-CoV-2 Infection Induces Psoriatic Arthritis Flares and Enthesis Resident Plasmacytoid Dendritic Cell Type-1 Interferon Inhibition by JAK Antagonism Offer Novel Spondyloarthritis Pathogenesis Insights. Frontiers in Immunology, 2021, 12, 635018.	4.8	25
136	Blood management and transfusion strategies in 600 patients undergoing total joint arthroplasty: an analysis of pre-operative autologous blood donation. Blood Transfusion, 2013, 11, 370-6.	0.4	25
137	Limits and pitfalls of Athlete's Biological Passport. Clinical Chemistry and Laboratory Medicine, 2011, 49, 1417-21.	2.3	24
138	Stability of osteopontin in plasma and serum. Clinical Chemistry and Laboratory Medicine, 2012, 50, 1979-1984.	2.3	24
139	Danio rerio: the Janus of the bone from embryo to scale. Clinical Cases in Mineral and Bone Metabolism, 2015, 12, 188-94.	1.0	24
140	Antibody Titer Kinetics and SARS-CoV-2 Infections Six Months after Administration with the BNT162b2 Vaccine. Vaccines, 2021, 9, 1357.	4.4	24
141	Exercise raises serum heat-shock protein 70 (Hsp70) levels. Clinical Chemistry and Laboratory Medicine, 2004, 42, 1445-6.	2.3	23
142	A functional magnetic resonance imaging investigation of motor control in Gilles de la Tourette syndrome during imagined and executed movements. European Journal of Neuroscience, 2016, 43, 494-508.	2.6	23
143	Serum or plasma? An old question looking for new answers. Clinical Chemistry and Laboratory Medicine, 2020, 58, 178-187.	2.3	23
144	Managing a Tertiary Orthopedic Hospital during the COVID-19 Epidemic, Main Challenges and Solutions Adopted. International Journal of Environmental Research and Public Health, 2020, 17, 4818.	2.6	23

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145	Differences in GPS variables according to playing formations and playing positions in U19 male soccer players. <i>Research in Sports Medicine</i> , 2021, 29, 225-239.	1.3	23
146	Effects of cold-water immersion of legs after training session on serum creatine kinase concentrations in rugby players. <i>British Journal of Sports Medicine</i> , 2007, 41, 339-339.	6.7	22
147	Bone remodelling biomarkers after whole body cryotherapy (WBC) in elite rugby players. <i>Injury</i> , 2013, 44, 1117-1121.	1.7	22
148	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
149	Functional brain effects of hand disuse in patients with trapeziometacarpal joint osteoarthritis: executed and imagined movements. <i>Experimental Brain Research</i> , 2017, 235, 3227-3241.	1.5	22
150	Effects of an 8-Week Body-Weight Neuromuscular Training on Dynamic Balance and Vertical Jump Performances in Elite Junior Skiing Athletes: A Randomized Controlled Trial. <i>Journal of Strength and Conditioning Research</i> , 2018, 32, 911-920.	2.1	22
151	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
152	Reticulocyte profile in top-level alpine skiers during four consecutive competitive seasons. <i>European Journal of Applied Physiology</i> , 2010, 109, 561-568.	2.5	20
153	<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. <i>Tissue Engineering - Part A</i> , 2015, 21, 793-802.	3.1	20
154	Standardizing in vitro diagnostics tasks in clinical trials: a call for action. <i>Annals of Translational Medicine</i> , 2016, 4, 181-181.	1.7	20
155	Mental steps: Differential activation of internal pacemakers in motor imagery and in mental imitation of gait. <i>Human Brain Mapping</i> , 2017, 38, 5195-5216.	3.6	20
156	Liquiritigenin Reduces Blood Glucose Level and Bone Adverse Effects in Hyperglycemic Adult Zebrafish. <i>Nutrients</i> , 2019, 11, 1042.	4.1	20
157	Has the Flood Entered the Basement? A Systematic Literature Review about Machine Learning in Laboratory Medicine. <i>Diagnostics</i> , 2021, 11, 372.	2.6	20
158	NT-proBNP Concentrations in Mountain Marathoners. <i>Journal of Strength and Conditioning Research</i> , 2010, 24, 1369-1372.	2.1	19
159	Fibrin in Intervertebral Disc Tissue Engineering. <i>Tissue Engineering - Part B: Reviews</i> , 2014, 20, 713-721.	4.8	19
160	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
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