

Antônio J Figueiredo

List of Publications by Year in descending order

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Version: 2024-02-01

130
papers

3,369
citations

218677

26
h-index

182427

51
g-index

133
all docs

133
docs citations

133
times ranked

2530
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological maturation of youth athletes: assessment and implications. <i>British Journal of Sports Medicine</i> , 2015, 49, 852-859.	6.7	385
2	Youth soccer players, 11-14 years: Maturity, size, function, skill and goal orientation. <i>Annals of Human Biology</i> , 2009, 36, 60-73.	1.0	200
3	Characteristics of youth soccer players who drop out, persist or move up. <i>Journal of Sports Sciences</i> , 2009, 27, 883-891.	2.0	198
4	What Performance Analysts Need to Know About Research Trends in Association Football (2012-2016): A Systematic Review. <i>Sports Medicine</i> , 2018, 48, 799-836.	6.5	179
5	Small sided games in soccer - a systematic review. <i>International Journal of Performance Analysis in Sport</i> , 2018, 18, 693-749.	1.1	152
6	Discrimination of U-14 Soccer Players by Level and Position. <i>International Journal of Sports Medicine</i> , 2010, 31, 790-796.	1.7	139
7	Interrelationships among invasive and non-invasive indicators of biological maturation in adolescent male soccer players. <i>Journal of Sports Sciences</i> , 2012, 30, 1705-1717.	2.0	124
8	Bio-Banding in Youth Sports: Background, Concept, and Application. <i>Sports Medicine</i> , 2019, 49, 1671-1685.	6.5	104
9	Anthropometric Characteristics, Physical Fitness and Technical Performance of Under-19 Soccer Players by Competitive Level and Field Position. <i>International Journal of Sports Medicine</i> , 2013, 34, 312-317.	1.7	87
10	Functional capacities and sport-specific skills of 14- to 15-year-old male basketball players: Size and maturity effects. <i>European Journal of Sport Science</i> , 2008, 8, 277-285.	2.7	74
11	Predictors of functional capacity and skill in youth soccer players. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2011, 21, 446-454.	2.9	72
12	Influence of Tactical and Situational Variables on Offensive Sequences During Elite Football Matches. <i>Journal of Strength and Conditioning Research</i> , 2018, 32, 2331-2339.	2.1	69
13	Mechanical and thermal characterization of concrete with incorporation of microencapsulated PCM for applications in thermally activated slabs. <i>Construction and Building Materials</i> , 2016, 112, 639-647.	7.2	67
14	Size and Maturity Mismatch in Youth Soccer Players 11- to 14-Years-Old. <i>Pediatric Exercise Science</i> , 2010, 22, 596-612.	1.0	51
15	Measuring Collective Behaviour in Football Teams: Inspecting the impact of each half of the match on ball possession. <i>International Journal of Performance Analysis in Sport</i> , 2013, 13, 678-689.	1.1	46
16	Skeletal Age in Youth Soccer Players: Implication for Age Verification. <i>Clinical Journal of Sport Medicine</i> , 2010, 20, 469-474.	1.8	44
17	Predictors of maximal short-term power outputs in basketball players 14-16 years. <i>European Journal of Applied Physiology</i> , 2011, 111, 789-796.	2.5	44
18	Modeling Developmental Changes in Functional Capacities and Soccer-Specific Skills in Male Players Aged 11-17 Years. <i>Pediatric Exercise Science</i> , 2012, 24, 603-621.	1.0	44

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19	Modeling of relationships between physical and technical activities and match outcome in elite German soccer players. <i>Journal of Sports Medicine and Physical Fitness</i> , 2019, 59, 752-759.	0.7	39
20	Comparison between monitored and simulated data using evolutionary algorithms: Reducing the performance gap in dynamic building simulation. <i>Journal of Building Engineering</i> , 2018, 17, 96-106.	3.4	38
21	Metallosis: A diagnosis not only in patients with metal-on-metal prostheses. <i>European Journal of Radiology Open</i> , 2015, 2, 3-6.	1.6	37
22	Measuring Tactical Behaviour Using Technological Metrics: Case Study of a Football Game. <i>International Journal of Sports Science and Coaching</i> , 2013, 8, 723-739.	1.4	36
23	Optimisation of a social housing for south of Brazil: From basic performance standard to passive house concept. <i>Energy</i> , 2019, 167, 1278-1296.	8.8	35
24	The Effect of Contextual Variables on Match Performance across Different Playing Positions in Professional Portuguese Soccer Players. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5175.	2.6	33
25	Relative age effect: Characteristics of youth soccer players by birth quarter and subsequent playing status. <i>Journal of Sports Sciences</i> , 2019, 37, 677-684.	2.0	32
26	Relative age effect in Olympic basketball athletes. <i>Science and Sports</i> , 2016, 31, 158-161.	0.5	30
27	Nutritional status, biological maturation and cardiorespiratory fitness in Azorean youth aged 11-15 years. <i>BMC Public Health</i> , 2013, 13, 495.	2.9	29
28	Cross-Validation and Reliability of the Line-Drill Test of Anaerobic Performance in Basketball Players 14-16 Years. <i>Journal of Strength and Conditioning Research</i> , 2011, 25, 1113-1119.	2.1	28
29	Tanner's Whitehouse Skeletal Ages in Male Youth Soccer Players: TW2 or TW3?. <i>Sports Medicine</i> , 2018, 48, 991-1008.	6.5	28
30	Recreational football is medicine against non-communicable diseases: A systematic review. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020, 30, 618-637.	2.9	26
31	Physical and technical performances are not associated with tactical prominence in U14 soccer matches. <i>Research in Sports Medicine</i> , 2016, 24, 352-362.	1.3	25
32	Players' Physical Performance Decreased After Two-Thirds of the Season: Results of 3 Consecutive Seasons in the German First Bundesliga. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2044.	2.6	25
33	Correlation of the peripheral perception with the maturation and the effect of the peripheral perception on the tactical behaviour of soccer players. <i>International Journal of Sport and Exercise Psychology</i> , 2020, 18, 687-699.	2.1	24
34	Body Size of Male Youth Soccer Players: 1978-2015. <i>Sports Medicine</i> , 2017, 47, 1983-1992.	6.5	23
35	Perfil morfológico, maturacional, funcional e técnico de jovens futebolistas Brasileiro. <i>Revista Brasileira De Cineantropometria E Desempenho Humano</i> , 2014, 16, 277.	0.5	21
36	Repeated Sprint Ability in Youth Soccer Players: Independent and Combined Effects of Relative Age and Biological Maturity. <i>Journal of Human Kinetics</i> , 2019, 67, 209-221.	1.5	21

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37	Optimization of the passive house concept for residential buildings in the South-Brazilian region. <i>Energy and Buildings</i> , 2021, 240, 110871.	6.7	20
38	Modelling Developmental Changes in Repeated-Sprint Ability by Chronological and Skeletal Ages in Young Soccer Players. <i>International Journal of Sports Medicine</i> , 2012, 33, 773-780.	1.7	19
39	Using Artificial Intelligence for Pattern Recognition in a Sports Context. <i>Sensors</i> , 2020, 20, 3040.	3.8	19
40	Session-to-session variations in external load measures during small-sided games in professional soccer players. <i>Biology of Sport</i> , 2021, 38, 185-193.	3.2	18
41	A network approach to characterize the teammates' interactions on football: a single match analysis. <i>Cuadernos De Psicologia Del Deporte</i> , 2014, 14, 141-148.	0.4	18
42	Allometric Multilevel Modelling of Agility and Dribbling Speed by Skeletal Age and Playing Position in Youth Soccer Players. <i>International Journal of Sports Medicine</i> , 2014, 35, 762-771.	1.7	17
43	A systemic overview of football game: The principles behind the game " ; Mendes, Rui Sousa; Figueiredo, Ant3nio Jos. <i>Journal of Human Sport and Exercise</i> , 2014, 9, 656-667.	0.4	17
44	Concurrent validation of estimated activity energy expenditure using a 3-day diary and accelerometry in adolescents. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2012, 22, 259-264.	2.9	16
45	Physical Growth and Changes in Intermittent Endurance Run Performance in Young Male Basque Soccer Players. <i>Research in Sports Medicine</i> , 2014, 22, 408-424.	1.3	16
46	Study Protocol on Hormonal Mediation of Exercise on Cognition, Stress and Immunity (PRO-HMECSI): Effects of Different Exercise Programmes in Institutionalized Elders. <i>Frontiers in Public Health</i> , 2016, 4, 133.	2.7	16
47	Analysis of the offensive process of AS Monaco professional soccer team: A mixed-method approach. <i>Chaos, Solitons and Fractals</i> , 2020, 133, 109676.	5.1	16
48	Relationships between Fitness Status and Match Running Performance in Adult Women Soccer Players: A Cohort Study. <i>Medicina (Lithuania)</i> , 2021, 57, 617.	2.0	16
49	Longitudinal study of repeated sprint performance in youth soccer players of contrasting skeletal maturity status. <i>Journal of Sports Science and Medicine</i> , 2012, 11, 371-9.	1.6	16
50	Sport selection in under-17 male roller hockey. <i>Journal of Sports Sciences</i> , 2012, 30, 1793-1802.	2.0	15
51	Anthropometric and Physiological Profiling of Youth Soccer Goalkeepers. <i>International Journal of Sports Physiology and Performance</i> , 2015, 10, 224-231.	2.3	15
52	Multi-Objective Optimisation of the Energy Performance of Lightweight Constructions Combining Evolutionary Algorithms and Life Cycle Cost. <i>Energies</i> , 2018, 11, 1863.	3.1	15
53	Impact of unoccupied flats on the thermal discomfort and energy demand: Case of a multi-residential building. <i>Energy and Buildings</i> , 2020, 209, 109704.	6.7	15
54	Understanding the educational needs of parenting athletes involved in sport and education: The parents' view. <i>PLoS ONE</i> , 2021, 16, e0243354.	2.5	15

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55	Dual Careers of Athletes During COVID-19 Lockdown. <i>Frontiers in Psychology</i> , 2021, 12, 657671.	2.1	15
56	Observed and predicted ages at peak height velocity in soccer players. <i>PLoS ONE</i> , 2021, 16, e0254659.	2.5	15
57	Intelligent systems for analyzing soccer games: The weighted centroid. <i>Ingenieria E Investigacion</i> , 2014, 34, 70-75.	0.4	15
58	Applicability of an agility test in young players in the soccer field. <i>Revista Brasileira De Medicina Do Esporte</i> , 2015, 21, 133-138.	0.2	14
59	Efeito da idade relativa na antropometria, maturação biológica e desempenho em jovens futebolistas. <i>Revista Brasileira De Cineantropometria E Desempenho Humano</i> , 2015, 17, 257.	0.5	14
60	Train Like You Compete? Physical and Physiological Responses on Semi-Professional Soccer Players. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 756.	2.6	14
61	Efeito da idade relativa em atletas olímpicos de triatlo. <i>Revista Brasileira De Medicina Do Esporte</i> , 2014, 20, 394-397.	0.2	13
62	Longitudinal Field Test Assessment in a Basque Soccer Youth Academy: A Multilevel Modeling Framework to Partition Effects of Maturation. <i>International Journal of Sports Medicine</i> , 2015, 36, 234-240.	1.7	12
63	Adolescent characteristics of youth soccer players: do they vary with playing status in young adulthood?. <i>Research in Sports Medicine</i> , 2020, 28, 72-83.	1.3	11
64	Variations in the physical demands and technical performance of professional soccer teams over three consecutive seasons. <i>Scientific Reports</i> , 2022, 12, 2412.	3.3	11
65	Predictive Analytic Techniques to Identify Hidden Relationships between Training Load, Fatigue and Muscle Strains in Young Soccer Players. <i>Sports</i> , 2022, 10, 3.	1.7	11
66	Analysis of the intraseasonal stability of field test performances in young academy soccer players. <i>Journal of Sports Sciences</i> , 2016, 34, 966-972.	2.0	10
67	Maturation, signal detection, and tactical behavior of young soccer players in the game context. <i>Science and Medicine in Football</i> , 2021, 5, 272-279.	2.0	10
68	Bio-Banding in Judo: The Mediation Role of Anthropometric Variables on the Maturation Effect. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 361.	2.6	10
69	Simulation of passive ventilation strategies towards indoor CO2 concentration reduction for passive houses. <i>Journal of Building Engineering</i> , 2021, 43, 103108.	3.4	10
70	Assessment of Technical Skills in Young Soccer Goalkeepers: Reliability and Validity of Two Goalkeeper-Specific Tests. <i>Journal of Sports Science and Medicine</i> , 2016, 15, 516-523.	1.6	10
71	Maturation effect on physical capacities and anabolic hormones in under-16 elite footballers: a cross-sectional study. <i>Sport Sciences for Health</i> , 2022, 18, 297-305.	1.3	10
72	Soccer teams' tactical behaviour: Measuring territorial domain. <i>Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology</i> , 2015, 229, 58-66.	0.7	9

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73	Spatio-Temporal Model for Evaluating Demand Response Potential of Electric Vehicles in Power-Traffic Network. <i>Energies</i> , 2019, 12, 1981.	3.1	9
74	Collective conceptualization of parental support of dual career athletes: The EMPATIA framework. <i>PLoS ONE</i> , 2021, 16, e0257719.	2.5	9
75	Network structure and centralization tendencies in professional football teams from Spanish La Liga and English Premier Leagues. <i>Journal of Human Sport and Exercise</i> , 2016, 11, .	0.4	9
76	Depressive Symptoms and Burnout in Football Players: A Systematic Review. <i>Brain Sciences</i> , 2021, 11, 1351.	2.3	9
77	The influence of maturity on recovery and perceived exertion, and its relationship with illnesses and non-contact injuries in young soccer players. <i>Biology of Sport</i> , 2022, 39, 839-848.	3.2	9
78	Understanding dual career views of European university athletes: The more than gold project focus groups. <i>PLoS ONE</i> , 2022, 17, e0264175.	2.5	9
79	Agreement between anthropometric and dual-energy X-ray absorptiometry assessments of lower-limb volumes and composition estimates in youth-club rugby athletes. <i>Applied Physiology, Nutrition and Metabolism</i> , 2012, 37, 463-471.	1.9	8
80	Longitudinal Predictors of Aerobic Performance in Adolescent Soccer Players. <i>Medicina (Lithuania)</i> , 2012, 48, 61.	2.0	8
81	Ventricular Mass in Relation to Body Size, Composition, and Skeletal Age in Adolescent Athletes. <i>Clinical Journal of Sport Medicine</i> , 2013, 23, 293-299.	1.8	8
82	Bridging the Gap Between Empirical Results, Actual Strategies, and Developmental Programs in Soccer. <i>International Journal of Sports Physiology and Performance</i> , 2014, 9, 540-543.	2.3	8
83	Athletes'™ perceptions of coaching competency and team conflict in sport teams: A multilevel analysis. <i>European Journal of Sport Science</i> , 2018, 18, 851-860.	2.7	8
84	Relationships Between Aerobic Performance, Hemoglobin Levels, and Training Load During Small-Sided Games: A Study in Professional Soccer Players. <i>Frontiers in Physiology</i> , 2021, 12, 649870.	2.8	8
85	Exploring Relationships Between Anthropometry, Body Composition, Maturation, and Selection for Competition: A Study in Youth Soccer Players. <i>Frontiers in Physiology</i> , 2021, 12, 651735.	2.8	8
86	Modeling the Evolution of Construction Solutions in Residential Buildings'™ Thermal Comfort. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2427.	2.5	7
87	Exploring interactions between maturity status and playing time with fluctuations in physical fitness and hormonal markers in youth soccer players. <i>Scientific Reports</i> , 2022, 12, 4463.	3.3	7
88	Morphological and maturational predictors of technical performance in young soccer players. <i>Motriz Revista De Educacao Fisica</i> , 2014, 20, 280-285.	0.2	6
89	Session-to-session variations of internal load during different small-sided games: a study in professional soccer players. <i>Research in Sports Medicine</i> , 2021, 29, 462-474.	1.3	6
90	Dose-Response Relationships between Training Load Measures and Physical Fitness in Professional Soccer Players. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4321.	2.6	6

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91	Inspecting teammates'™ coverage during attacking plays in a football game: A case study. <i>International Journal of Performance Analysis in Sport</i> , 2014, 14, 384-400.	1.1	5
92	Developing a tactical metric to estimate the defensive area of soccer teams: The defensive play area. <i>Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology</i> , 2016, 230, 124-132.	0.7	5
93	Cardiac remodeling indicators in adolescent athletes. <i>Revista Da Associação Médica Brasileira</i> , 2017, 63, 427-434.	0.7	5
94	Multiscale Modelling Approach Targeting Optimisation of PCM into Constructive Solutions for Overheating Mitigation in Buildings. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 8009.	2.5	5
95	Upper respiratory symptoms (URS) and salivary responses across a season in youth soccer players: A useful and non-invasive approach associated to URS susceptibility and occurrence in young athletes. <i>PLoS ONE</i> , 2020, 15, e0236669.	2.5	5
96	Chronological Age, Somatic Maturation and Anthropometric Measures: Association with Physical Performance of Young Male Judo Athletes. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6410.	2.6	5
97	Intra-seasonal variation of anthropometrical, conditional, and technical tests in U14 soccer players. [Variación en los parámetros antropométricos, condicionales y test técnicos de jugadores de fútbol SUB-14].. <i>RICYDE Revista Internacional De Ciencias Del Deporte</i> , 2018, 14, 219-232.	0.2	5
98	Real-Scale Experimental Evaluation of Energy and Thermal Regulation Effects of PCM-Based Mortars in Lightweight Constructions. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2091.	2.5	5
99	Biological Maturation, Body Morphology and Physical Performance in 8-16 Year-Old Obese Girls from Montes Claros " Mg. <i>Journal of Human Kinetics</i> , 2014, 43, 169-176.	1.5	4
100	Peripheral perception as discriminant factor of tactical behaviour efficiency of young soccer players. <i>International Journal of Sport and Exercise Psychology</i> , 2021, 19, 1034-1045.	2.1	4
101	Practical Implementation of Computational Tactical Metrics for the Football Game. <i>Lecture Notes in Computer Science</i> , 2014, , 712-727.	1.3	4
102	Perceived coach interpersonal style and basic psychological needs as antecedents of athlete-perceived coaching competency and satisfaction with the coach: A multi-level analysis.. <i>Sport, Exercise, and Performance Psychology</i> , 2020, 9, 16-28.	0.8	4
103	Maturation, morphological, motor and technical characteristics of under 16 female track and field athletes. <i>Revista Brasileira De Cineantropometria E Desempenho Humano</i> , 0, 22, .	0.5	4
104	A Case Study on a Stochastic-Based Optimisation Approach towards the Integration of Photovoltaic Panels in Multi-Residential Social Housing. <i>Energies</i> , 2021, 14, 7615.	3.1	4
105	Associations between match participation, maturation, physical fitness, and hormonal levels in elite male soccer player U15: a prospective study with observational cohort. <i>BMC Pediatrics</i> , 2022, 22, 196.	1.7	4
106	Análise de jogo no Futebol: Métricas de avaliação do comportamento coletivo. <i>Motricidade</i> , 2014, 10, .	0.2	3
107	Associations between Physical Status and Training Load in Women Soccer Players. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10015.	2.6	3
108	Reproducibility of estimated optimal peak output using a force-velocity test on a cycle ergometer. <i>PLoS ONE</i> , 2018, 13, e0193234.	2.5	3

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109	TALENTO MOTOR E MATUREZA BIOLÓGICA EM ESCOLARES DE UM COLÉGIO MILITAR. Revista Brasileira De Medicina Do Esporte, 2019, 25, 372-378.	0.2	3
110	Talent Identification and Development in the Context of "Growing up", 2017, , 150-168.		3
111	Design and Thermal Characterization of Two Construction Solutions with and without Incorporation of Macroencapsulated PCM. Infrastructures, 2022, 7, 27.	2.8	3
112	The influence of maturation, fitness, and hormonal indices on minutes played in elite youth soccer players: a cross-sectional study. BMC Sports Science, Medicine and Rehabilitation, 2022, 14, 89.	1.7	3
113	Peak Oxygen Uptake Responses to Training in Obese Adolescents: A Multilevel Allometric Framework to Partition the Influence of Body Size and Maturity Status. BioMed Research International, 2013, 2013, 1-8.	1.9	2
114	Preseason Strategies of Italian First League Soccer Clubs in Relation to their Championship Ranking: A Five-Year Analysis. Journal of Human Kinetics, 2016, 50, 145-155.	1.5	2
115	Longitudinal study of aerobic performance and soccer-specific skills in male goalkeepers aged 11-18 years. Science and Medicine in Football, 2017, 1, 40-47.	2.0	2
116	Developing a Football Tactical Metric to Estimate the Sectorial Lines: A Case Study. Lecture Notes in Computer Science, 2014, , 743-753.	1.3	2
117	Lightweight and prefabricated construction as a path to energy efficient buildings: thermal design and execution challenges. International Journal of Environment and Sustainable Development, 2020, 19, 1.	0.3	2
118	Knee and hip agonist-antagonist relationship in male under-19 soccer players. PLoS ONE, 2022, 17, e0266881.	2.5	2
119	Age-related variation in anthropometric and maturity characteristics of soccer goalkeepers aged 11-14 years. Annals of Research in Sport and Physical Activity, 2011, , 70-81.	0.0	1
120	The Impact of External and Internal Load on Recovery Status of Adult Soccer Players: A Machine Learning Approach. Advances in Intelligent Systems and Computing, 2022, , 122-125.	0.6	1
121	Efeito da experiência do treinador sobre o ambiente motivacional e pedagógico no treino de jovens. Revista Brasileira De Educação Física E Esporte: RBEFE, 2010, 24, 15-26.	0.1	0
122	Morfologia do ventrículo esquerdo em adolescentes: comparação entre atletas e não atletas. Revista Brasileira De Medicina Do Esporte, 2014, 20, 480-485.	0.2	0
123	Development of Retrofitting Solutions: Remedial Wall Ties for Masonry Enclosure Brick Walls. Buildings, 2021, 11, 28.	3.1	0
124	Caracterização motricidade em futebolistas Sub-15. Revista Brasileira De Ciências Do Esporte, 2013, 35, 409-423.	0.4	0
125	Title is missing!. , 2020, 15, e0236669.		0
126	Title is missing!. , 2020, 15, e0236669.		0

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127	Title is missing!. , 2020, 15, e0236669.		0
128	Title is missing!. , 2020, 15, e0236669.		0
129	Title is missing!. , 2020, 15, e0236669.		0
130	Title is missing!. , 2020, 15, e0236669.		0