

Rui Mendes

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3560610/publications.pdf>

Version: 2024-02-01

67
papers

1,072
citations

471477

17
h-index

454934

30
g-index

81
all docs

81
docs citations

81
times ranked

998
citing authors

#	ARTICLE	IF	CITATIONS
1	Benefits of Pilates in the Elderly Population: A Systematic Review and Meta-Analysis. <i>European Journal of Investigation in Health, Psychology and Education</i> , 2022, 12, 236-268.	1.9	5
2	Perception of the Special Troops (Commando) Soldiers Regarding Physical Fitness, Motor Control and Psychological Skills. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 3258.	2.5	0
3	Impact of Flexibility on Vertical Jump, Balance and Speed in Amateur Football Players. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 5425.	2.5	3
4	Social Network Analysis: Mathematical Models for Understanding Professional Football in Game Critical Moments—An Exploratory Study. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 6433.	2.5	1
5	Internal and External Loads in Training Week Before the Competition in U19 High-Level Soccer Players. <i>Journal of Strength and Conditioning Research</i> , 2021, 35, 1766-1772.	2.1	7
6	Gastrocnemius Activation throughout the Competitive Season in Athletes of Different Experience Levels. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 984.	2.5	3
7	Siblings™ Influence on the Motor Competence of Preschoolers. <i>Children</i> , 2021, 8, 204.	1.5	5
8	Mathematical Models to Measure the Variability of Nodes and Networks in Team Sports. <i>Entropy</i> , 2021, 23, 1072.	2.2	3
9	Alcohol-impaired Walking in 16 Countries: A Theory-Based Investigation. <i>Accident Analysis and Prevention</i> , 2021, 159, 106212.	5.7	23
10	Children Are Back to School, but Is Play Still in Lockdown? Play Experiences, Social Interactions, and Children™s Quality of Life in Primary Education in the COVID-19 Pandemic in 2020. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 12454.	2.6	6
11	Golf-Putting Performance in Skilled Golfers at Different Distances to the Hole. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 11785.	2.5	0
12	Node and Network Entropy—A Novel Mathematical Model for Pattern Analysis of Team Sports Behavior. <i>Mathematics</i> , 2020, 8, 1543.	2.2	5
13	Using Artificial Intelligence for Pattern Recognition in a Sports Context. <i>Sensors</i> , 2020, 20, 3040.	3.8	19
14	Relationship between Leg Strength and Balance and Lean Body Mass. Benefits for Active Aging. <i>Sustainability</i> , 2020, 12, 2380.	3.2	7
15	Young people, drug use and drugged-driving. <i>Transactions on Transport Sciences</i> , 2018, 9, 27-34.	0.7	3
16	Association between physical activity patterns and anthropometric characteristics of adults: an issue of public health?. <i>Biomedical Human Kinetics</i> , 2017, 9, 124-132.	0.6	4
17	CaracterizaÃ§Ã£o dos passes realizados entre jogadores brasileiros no FIFA World Cup 2014. <i>Revista Brasileira De EducaÃ§Ã£o FÃsica E Esporte: RBEFE</i> , 2017, 31, 835-844.	0.1	0
18	Activity Programmes for the Elderly. <i>SpringerBriefs in Well-being and Quality of Life Research</i> , 2017, , 35-103.	0.1	1

#	ARTICLE	IF	CITATIONS
19	Introduction: New Paradigms of Active Ageing. SpringerBriefs in Well-being and Quality of Life Research, 2017, , 1-19.	0.1	1
20	Analysis of scored and conceded goals by a football team throughout a season. Kinesiology, 2016, 48, 103-114.	0.6	27
21	Weekly physical activity patterns of university students: Are athletes more active than non-athletes?. SpringerPlus, 2016, 5, 1808.	1.2	18
22	Developing a tactical metric to estimate the defensive area of soccer teams: The defensive play area. Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology, 2016, 230, 124-132.	0.7	5
23	Heart rate responses and distance coverage during 1 vs. 1 duel in soccer: Effects of neutral player and different task conditions. Science and Sports, 2016, 31, e155-e161.	0.5	9
24	Physical and technical performances are not associated with tactical prominence in U14 soccer matches. Research in Sports Medicine, 2016, 24, 352-362.	1.3	25
25	Performance Analysis Tool for network analysis on team sports: A case study of FIFA Soccer World Cup 2014. Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology, 2016, 230, 158-170.	0.7	12
26	Observational Tools to Collect Data in Team Sports. SpringerBriefs in Applied Sciences and Technology, 2016, , 19-46.	0.4	1
27	Physical Activity Patterns in University Students: Do They Follow the Public Health Guidelines?. PLoS ONE, 2016, 11, e0152516.	2.5	83
28	Network structure and centralization tendencies in professional football teams from Spanish La Liga and English Premier Leagues. Journal of Human Sport and Exercise, 2016, 11, .	0.4	9
29	Meso Level of Analysis: Subgroups in Teams. SpringerBriefs in Applied Sciences and Technology, 2016, , 65-70.	0.4	0
30	Argentina's Network Analysis in FIFA World Cup 2014: A Case Study. SpringerBriefs in Applied Sciences and Technology, 2016, , 85-93.	0.4	0
31	Social Network Analysis: Concepts and Definitions. SpringerBriefs in Applied Sciences and Technology, 2016, , 7-17.	0.4	1
32	Macro Levels of Analysis: Network of the Team. SpringerBriefs in Applied Sciences and Technology, 2016, , 71-83.	0.4	0
33	Midfielder as the prominent participant in the building attack: A network analysis of national teams in FIFA World Cup 2014. International Journal of Performance Analysis in Sport, 2015, 15, 704-722.	1.1	80
34	Using Network Metrics in Soccer: A Macro-Analysis. Journal of Human Kinetics, 2015, 45, 123-134.	1.5	68
35	General network analysis of national soccer teams in FIFA World Cup 2014. International Journal of Performance Analysis in Sport, 2015, 15, 80-96.	1.1	81
36	Effects of an Extrinsic Constraint on the Tennis Serve. International Journal of Sports Science and Coaching, 2015, 10, 97-110.	1.4	2

#	ARTICLE	IF	CITATIONS
37	Inspecting the performance of neutral players in different small-sided games. Motriz Revista De Educacao Fisica, 2015, 21, 45-53.	0.2	6
38	Soccer team's tactical behaviour: Measuring territorial domain. Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology, 2015, 229, 58-66.	0.7	9
39	Differences in U14 football players' performance between different small-sided conditioned games. [Diferencias en el rendimiento de los jugadores de fútbol sub14 entre los diferentes variantes y condiciones en juegos con espacios reducidos].. RICYDE Revista Internacional De Ciencias Del Deporte, 2015, 11, 376-386.	0.2	7
40	Using network metrics to investigate football team players' connections: A pilot study. Motriz Revista De Educacao Fisica, 2014, 20, 262-271.	0.2	27
41	Acute Effects of Different Formats of Small-Sided and Conditioned Handball Games on Heart Rate Responses in Female Students During PE Classes. Sports, 2014, 2, 51-58.	1.7	3
42	Estudo da quantidade de jogadores em jogos reduzidos de handebol: mudança na dinâmica tática. Revista Brasileira De Educação Física E Esporte: RBEFE, 2014, 28, 135-145.	0.1	2
43	Análise de jogo no Futebol: Métodos de avaliação do comportamento coletivo. Motricidade, 2014, 10, .	0.2	3
44	Developing Aerobic and Anaerobic Fitness Using Small-Sided Soccer Games. Strength and Conditioning Journal, 2014, 36, 76-87.	1.4	69
45	Acute Effects of the Number of Players and Scoring Method on Physiological, Physical, and Technical Performance in Small-sided Soccer Games. Research in Sports Medicine, 2014, 22, 380-397.	1.3	76
46	Inspecting teammates' coverage during attacking plays in a football game: A case study. International Journal of Performance Analysis in Sport, 2014, 14, 384-400.	1.1	5
47	Distance and Slope Constraints: Adaptation and Variability in Golf Putting. Motor Control, 2014, 18, 221-243.	0.6	18
48	Practical Implementation of Computational Tactical Metrics for the Football Game. Lecture Notes in Computer Science, 2014, , 712-727.	1.3	4
49	Developing a Football Tactical Metric to Estimate the Sectorial Lines: A Case Study. Lecture Notes in Computer Science, 2014, , 743-753.	1.3	2
50	A systemic overview of football game: The principles behind the game ; ; Mendes, Rui Sousa; Figueiredo, António José. Journal of Human Sport and Exercise, 2014, 9, 656-667.	0.4	17
51	Intelligent systems for analyzing soccer games: The weighted centroid. Ingenieria E Investigacion, 2014, 34, 70-75.	0.4	15
52	A network approach to characterize the teammates' interactions on football: a single match analysis. Cuadernos De Psicologia Del Deporte, 2014, 14, 141-148.	0.4	18
53	On a Ball's Trajectory Model for Putting's Evaluation. Intelligent Systems, Control and Automation: Science and Engineering, 2013, , 81-88.	0.5	2
54	Interpersonal Dynamics: 1v1 Sub-Phase at Sub-18 Football Players. Journal of Human Kinetics, 2013, 36, 179-189.	1.5	23

#	ARTICLE	IF	CITATIONS
55	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
56	Accuracy of Pattern Detection Methods in the Performance of Golf Putting. <i>Journal of Motor Behavior</i> , 2013, 45, 37-53.	0.9	26
57	Activity Profiles of Soccer Players During the 2010 World Cup. <i>Journal of Human Kinetics</i> , 2013, 38, 201-211.	1.5	65
58	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
59	An Online Tactical Metrics Applied to Football Game. <i>Research Journal of Applied Sciences, Engineering and Technology</i> , 2013, 5, 1700-1719.	0.1	26
60	The effect of artificial side wind on the serve of competitive tennis players. <i>International Journal of Performance Analysis in Sport</i> , 2012, 12, 546-562.	1.1	5
61	Influence of task constraints on attacker trajectories during 1V1 sub-phases in soccer practice. <i>Sportlogia</i> , 2012, 8, 13-20.	0.1	8
62	Análise do rendimento no primeiro serviço em tenistas de competição sob o efeito de um escoamento aerodinâmico induzido. <i>Revista Brasileira De Educação Física E Esporte: RBEFE</i> , 2012, 26, 193-208.	0.1	0
63	Fatores de rendimento no primeiro serviço em tenistas de competição. <i>Revista Da Educação Física</i> , 2011, 22, .	0.0	0
64	Efeitos do contínuo de níveis de interferência contextual na aprendizagem do "putt" do golfe. <i>Revista Brasileira De Educação Física E Esporte: RBEFE</i> , 2010, 24, 545-553.	0.1	5
65	Differential Evolution for the Offline and Online Optimization of Fed-Batch Fermentation Processes. <i>Studies in Computational Intelligence</i> , 2008, , 299-317.	0.9	5
66	Microbial Hydroxylation of Sclareol by <i>Rhizopus Stolonifer</i> . <i>Molecules</i> , 2005, 10, 1005-1009.	3.8	10
67	Relearning Movements: Modification of an Incorrectly Timed Reversal Movement. <i>Perceptual and Motor Skills</i> , 1999, 89, 195-203.	1.3	3