

Warning: [2026-02-03 16:09] this document is a print-out of the Ciência-IUL web portal and was automatically generated at the labeled date. The document has a mere informational purpose and represents the information contained on Ciência_Iscte at that date.

Outdated Information: The information in this public profile may be outdated.

João Paulo Ramos



Total Citations

Web of Science®	178
Scopus	183

Publications

• Scientific Journals

- Scientific journal paper

1	<p>Pereira, L. R., Lopes, R. J., Louçã, J., Araújo, D. & Ramos, J. (2021). The soccer game, bit by bit: An information-theoretic analysis. <i>Chaos, Solitons and Fractals</i>. 152</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 7 - Times Cited Scopus: 5 - Times Cited Google Scholar: 8
2	<p>Ribeiro, J., Silva, P., Davids, K., Araújo, D., Ramos, J., Lopes, R. J...Garganta, J. (2020). A multilevel hypernetworks approach to capture properties of team synergies at higher complexity levels. <i>European Journal of Sport Science</i>. 20 (10), 1318-1328</p> <ul style="list-style-type: none"> - Times Cited Web of Science®: 11 - Times Cited Scopus: 12 - Times Cited Google Scholar: 18

3	Ribeiro, J., Lopes, R. J., Silva, P., Araújo, D., Barreira, D., Davids, K....Garganta, J. (2020). A multilevel hypernetworks approach to capture meso-level synchronisation processes in football. <i>Journal of Sports Sciences</i> . 38 (5), 494-502 - Times Cited Web of Science®: 15 - Times Cited Scopus: 13 - Times Cited Google Scholar: 28
4	Ramos, J., Lopes, R. J. & Araújo, D. (2020). Interactions between soccer teams reveal both design and emergence: cooperation, competition and Zipf-Mandelbrot regularity. <i>Chaos, Solitons and Fractals</i> . 137, 1-7 - Times Cited Web of Science®: 9 - Times Cited Scopus: 10 - Times Cited Google Scholar: 15
5	Ribeiro, J., Davids, K. , Araújo, D., Silva, P., Ramos, J., Lopes, R. J....Garganta, J. (2019). The role of hypernetworks as a multilevel methodology for modelling and understanding dynamics of team sports performance. <i>Sports Medicine</i> . 49 (9), 1337-1344 - Times Cited Web of Science®: 44 - Times Cited Scopus: 41 - Times Cited Google Scholar: 67
6	Ramos, J., Lopes, R. J. & Araújo, D. (2018). What's next in complex networks? Capturing the concept of attacking play in invasive team sports. <i>Sports Medicine</i> . 48 (1), 17-28 - Times Cited Web of Science®: 52 - Times Cited Scopus: 48 - Times Cited Google Scholar: 81
7	Ramos, J., Lopes, R. J., Marques, P. & Araújo, D. (2017). Hypernetworks reveal compound variables that capture cooperative and competitive interactions in a soccer match. <i>Frontiers in Psychology</i> . 8 - Times Cited Web of Science®: 40 - Times Cited Scopus: 43 - Times Cited Google Scholar: 61

• Books and Book Chapters

- Book chapter

1	Ramos, J., Lopes, Rui J., Araújo, D. & Pedro Passos (2024). Networks Centrality. In Daniel Memmert; (Ed.), <i>Computer Science in Sport</i> . (pp. 157-167). Berlin, Heidelberg: Springer Berlin Heidelberg.
2	Araújo, D., Ramos, J. & Lopes, R. J. (2016). Shared affordances guide interpersonal synergies in sport teams. In Pedro Passos, Keith Davids, Jia Yi Chow (Ed.), <i>Interpersonal coordination and performance in social systems</i> . (pp. 165-178): Routledge. - Times Cited Scopus: 11 - Times Cited Google Scholar: 20

• Conferences/Workshops and Talks

- Publication in conference proceedings

1	Ramos, J., Lopes, Rui J., Marques, P. & Araújo, D. (2017). Hypernetworks: capturing the multilayers of cooperative and competitive interactions in soccer. In Carlota Torrents, Pedro Passos, Francesc Cos (Ed.), <i>International Congress Complex Systems in Sport</i> . (pp. 150-153). Barcelona: Frontiers. - Times Cited Google Scholar: 5
---	--

- Conference paper not in proceedings

1	Ramos, J., Lopes, Rui J. & Araújo, D. (2015). Análise de desempenho de equipas de futebol através de hiperredes multinível: determinação da estrutura mínima representativa do jogo nos níveis micro-macro das equipas . XVI Jornadas da Sociedade Portuguesa de Psicologia do Desporto.
2	Ramos, J., Araújo, D., Lopes, Rui J., Ramos, J., Araújo, D. & Rui Lopes (2015). Híperredes multinível revelam propriedades da dinâmica colectiva do jogo de futebol. Actas 1º Congresso Ibero-americano de Desporto, Actividade Física, Educação e Saúde.
3	Ramos, J., Lopes, Rui J., Araújo, D., Silva, J.P. & Silva, C.M. (2014). Equipas de futebol como redes complexas – O caso da equipa campeã mundial. Simposium XV Jornadas da Sociedade Portuguesa de Psicologia do Desporto.