

SCIENTIFIC JOURNALS IN BRAZILIAN PHYSICAL EDUCATION: PUBLICATIONS, INSTITUTIONS AND INDEXERS

*O PERIODISMO CIENTÍFICO DA EDUCAÇÃO FÍSICA BRASILEIRA:
PERIÓDICOS, INSTITUIÇÕES E INDEXADORES* 

*EL PERIODISMO CIENTÍFICO DE LA EDUCACIÓN FÍSICA BRASILEÑA:
REVISTAS, INSTITUCIONES E INDEXADORES* 

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Abstract: The objective was to elaborate an overview of Brazilian physical education scientific journals within the current dynamics in the academic-scientific field. In Qualis Periódicos of CAPES [Coordenação de Aperfeiçoamento de Pessoal de Nível Superior, Coordination for Improvement of Higher Education Staff], we searched for data available on Brazilian physical education journals, whose websites were accessed and analyzed. The data underwent content analysis, performed with the support of the MaxQDA® software. 39 journals were identified, with a focus and scope covering various themes and objects in physical education, mostly implemented in the 1990s and 2000s. Journals have as their main link higher education institutions and scientific associations and they are indexed with a higher proportion in Google Scholar and Latindex, with a minority appearing in the collections of the most disputed indexers such as Web of Science and Scopus. It is perceived that the group of scientific journals of physical education is consolidated and they make up the internal dynamics of this academic-scientific field.

Keywords: Physical Education and Training. Periodical Publications. Academic-scientific Field. Citation Databases.

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1 INTRODUCTION¹

Communicating research results is an essential stage in science. Publicising production is a necessity and a requirement of the scientific community, as the validation of knowledge necessarily involves peer review at events, panels, books and scientific journals. The latter are formal channels of scientific communication that establish evaluative processes in which the knowledge produced and consumed by researchers who validate what is published is disseminated (VANZ; SILVA FILHO, 2019). The first journals date back to 1655 with the creation of the *Journal de Scavans* and the *Philosophical Transactions*, linked respectively to the *Academie des Sciences de Paris* and the Royal Society of London (FERREIRA NETO, 2004; SIEGELMAN, 1998).

Lascurain (2019) states that scientific journals play a significant role in consolidating disciplines (or areas) of science, not only as a means of communicating and disseminating systematised knowledge but also as fundamental parts of training new scientists. They have two primary functions: enabling communication between peers and disseminating scientific knowledge. In areas of knowledge that are still in their infancy (the case of physical education), two additional functions are attributed to them: contributing to the legitimisation of the area of knowledge and establishing quality criteria for research (TANI, 2014).

Along these lines, physical education was structured and consolidated as an academic-scientific field at the end of the 20th century and in the first decades of the 21st century, based on different *modi operandi* resulting from its internal dynamics (LAZZAROTTI FILHO *et al.*, 2012). These are related to the transformations that the field has undergone to legitimise itself and incorporate scientific practices, such as training new researchers in related areas, disputes over space in the Brazilian university structure and valuing the dissemination of research results in specialised journals (LAZZAROTTI FILHO; SILVA; MASCARENHAS, 2014) and are linked to *stricto sensu* postgraduate studies and their epistemological divisions (MANOEL; CARVALHO, 2011).

In this field, the first journals were launched in the 1930s, coinciding with the systematic initiatives to create university courses, the basis of the academic constitution of physical education. They were informative in nature, such as the journal *Educação Física* (1932-1945), whose editorial approach combined issues of physical activity, gymnastics, sport and health, aimed at physical education professionals. At the same time, it published news, products and advertisements aimed at the non-specialised public (SCHNEIDER; TOLEDO, 2009).

It wasn't until the late 1970s that the first scientific journals appeared, publishing academic texts by researchers in the field. After the 2000s, there was a migration to electronic publishing platforms and the consolidation of institutional evaluation systems (FERREIRA NETO, 2004; LIMA; SILVA, 2009).

¹ The article is an outcome of the thesis by NASCIMENTO, Oromar Augusto dos Santos. **O periodismo científico da Educação Física brasileira: agentes, estruturas e disputas no processo de legitimação de um campo.** 2022. 183 f. Thesis (Doctorate in Physical Education) - Faculty of Physical Education, University of Brasília, 2022.

It is necessary to investigate the journals of Brazilian physical education, as previous studies have shown that the field has journals with longevity and recognition (FERREIRA NETO, 2004; LAZZAROTTI FILHO, 2018; LIMA; SILVA, 2009). These journals have been the target of researchers who are recognised for having great productivity in the field and who, regardless of the sub-area to which they are linked, publish part of their work in Brazilian journals (CARNEIRO; SANTOS; FERREIRA NETO, 2019), which reinforces the argument of the legitimacy and quality of national journals.

Given the above, this article aims to provide an overview of scientific journals in Brazilian physical education.

2 METHODOLOGY

Qualitative research was carried out in three stages: the exploratory phase, the fieldwork and the analysis of the materials obtained (MINAYO; COSTA, 2019). The exploratory phase included drawing up the research project and theoretical investment in the topic; the fieldwork phase consisted of collecting data in two stages, as shown in Figure 1. Firstly, a structured source was selected to provide a search path for the journals. We used the Catalogue of Physical Education and Sports Journals (FERREIRA NETO *et al.*, 2002), a publication by the PROTEORIA group, launched in 2002, to compile all the texts published in 36 physical education journals from 1932 to 2000.

Due to the limited timeframe of the catalogue, the Qualis Journals of the Sucupira Platform was also used, starting with the “Physical Education” assessment area as a way of complementing and expanding the data. In this process, it became apparent that all 13 active journals listed in the Catalogue were also listed in Qualis Journals, which then became the primary source for searching and delimiting the research.

In order to identify the journals in Brazilian physical education, in June 2021 we accessed Qualis Journals and obtained a list of all the journals classified in the area of physical education for the 2013-2016 Quadrennium, available for download in an .xls spreadsheet, and began the process of studying the spreadsheet, which contained three columns: “ISSN”, “Title” and “Stratum”, besides 2,218 records sorted alphabetically.

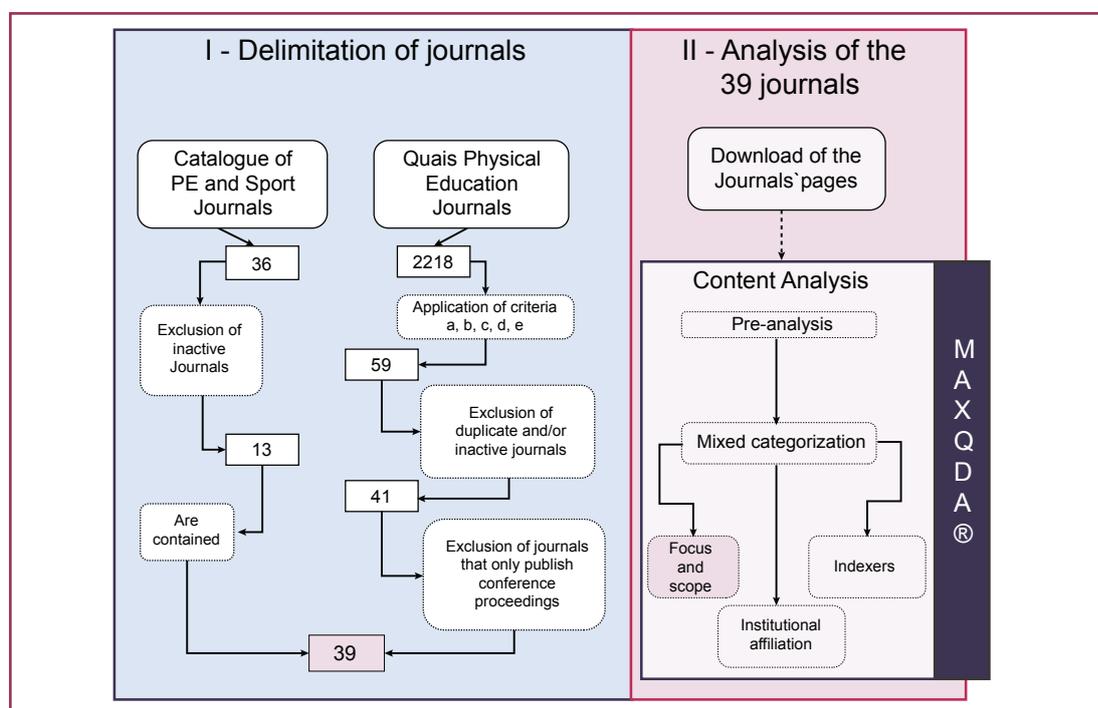
The ISSN and title of each journal were searched on Google and each record was checked taking into account five indicators that would validate the journal's relevance to the study: a) Brazilian journal; b) focus and scope of the journal; c) institutional affiliation – whether it belongs to a college, postgraduate course or scientific association that is related to one or more subfields of physical education, as proposed in the essay by Manoel and Carvalho (2011); d) institutional affiliation of the editor-in-chief of the journal, their lines of research and themes and previous training, based on the information in their curriculum in the Lattes Platform; e) articles published in the last year by the journal, trying to identify their themes.

After applying the five indicators, 59 records remained. Duplicate and/or inactive journals were excluded and 41 journals remained. A new exclusion process was carried out, removing two journals whose characteristics are the exclusive

publication of conference proceedings. Such journals are seen only as repositories of articles, without a clear and independent editorial policy.

Next, these 39 journals (listed in the supplementary material) were analysed to identify the themes they publish on the basis of their focus and scope, year of creation and institutional affiliation. The “Web Collector” plugin of the MaxQDA® software was installed on the internet browser, which made it possible to download the pages of the journals that contained the necessary information. The pages were imported into the software, grouped by journal and checked, followed by mixed categorisation, which combines categorisation based on *a priori* and *a posteriori* codes, as explained by Amado, Costa and Crusoé (2017). The *a priori* categorisation of journals based on their focus and scope was adapted from Lazzarotti Filho (2018), grouping the journals into three distinct groups: generalist, thematic and area-based.

Figure 1 - Methodological outline of the research



Source: Research data, prepared by the authors (2023).

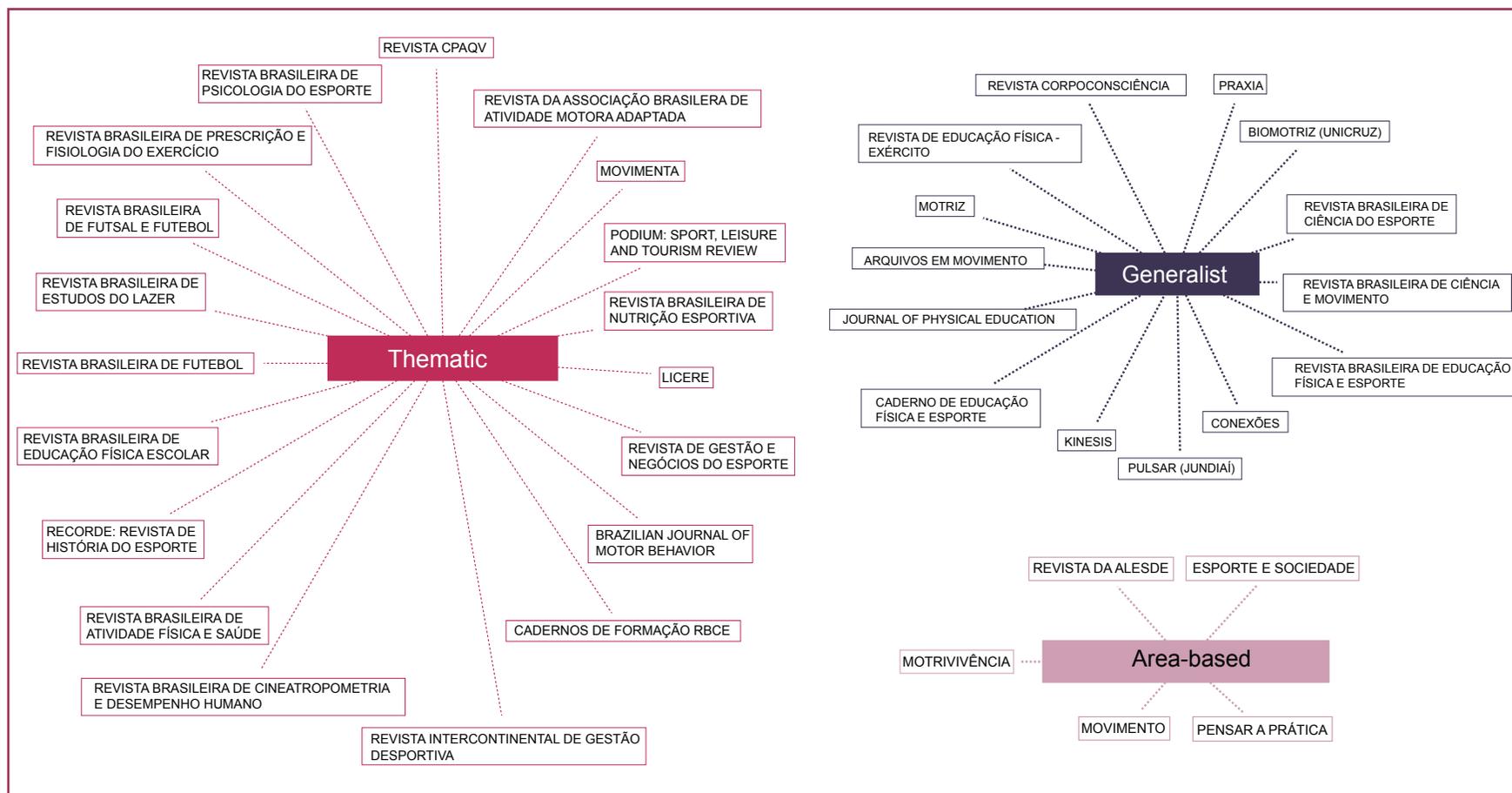
3 FOCUS AND SCOPE OF SCIENTIFIC JOURNALS IN BRAZILIAN PHYSICAL EDUCATION

Focus and scope correspond to the place where there is an explicit and accurate indication of what the journal publishes, such as areas, themes, objects, and subjects. This item contains “brief information about the aim of the publication, the area of knowledge and the nature of the contributions” (SABADINI; SAMPAIO; NASCIMENTO, 2009, p. 47).

As defined by Lazzarotti Filho (2018), the 39 journals² were categorised into three groups: generalist (14), thematic (19) and area-based (5), as shown in Figure 2.

² Only the journal *Coleção Pesquisa em Educação Física* was not included in the classification, as it did not have elements on its website that could be used to identify its focus and scope.

Figure 2 - Classification of journals according to their focus and scope



Source: Research data, prepared by the authors (2023).

The 14 journals classified as generalist establish a dialogue with all the sub-areas of physical education (MANOEL; CARVALHO, 2011), so their focus and scope are broader, publishing different articles within the diversity that makes up the field. In many cases, these journals do not specify themes, sections or objects of study but only mention the publication of scientific production in general terms, such as “Physical Education”, “Sports Sciences”, “Exercise Sciences”, etc.

The 19 journals identified as thematic correspond to those that are verticalised in specific themes. They can be understood as a reflection of the development of the field, which, by specialising, has made it possible to advance its themes and expand its interests, while at the same time expanding and drawing closer to other areas of knowledge. Some of these journals are on the “frontiers of the field” (VAZ, 2003), interfacing with topics of interest in areas such as medicine, education, physiotherapy, nutrition, leisure, etc. This plurality may be an element that shows that the frontiers of physical education have expanded, even if to some extent the clash with other fields happens more directly.

The five journals categorised as area-based represent a movement to affirm an understanding of physical education. Notably, all in this classification demarcate the dialogue with humanities and social sciences, delimiting their interests in works that are developed based on proximity to knowledge arising from specific epistemological activities (LAZZAROTTI FILHO, 2018). Concerning this categorisation, it should be noted that the aim is not to reduce the discussion on epistemology in the field to a question of areas and/or disciplines. This process is more complex and requires further analysis, which is related to the very logic of thinking about knowledge and its origin as a phenomenon produced by human actions.

In this sense, we are guided by what Fensterseifer (2010, 2019) calls epistemological activity in the field, i.e., it relates to the various ways of thinking and producing knowledge from the origins of the objects, themes and interests that permeate physical education in the movement of dialogue with other fields, something that constitutes the dynamics of an area that is multiple and diverse.

Most of the journals in this study are thematic, i.e., they focus on specific elements within the field, a movement that shows the legitimisation of themes and objects. According to Bourdieu (1983), these processes do not happen by chance but are the result of internal disputes driven by the search for symbolic profit, in which researchers focus on problems considered relevant within the logic of the field.

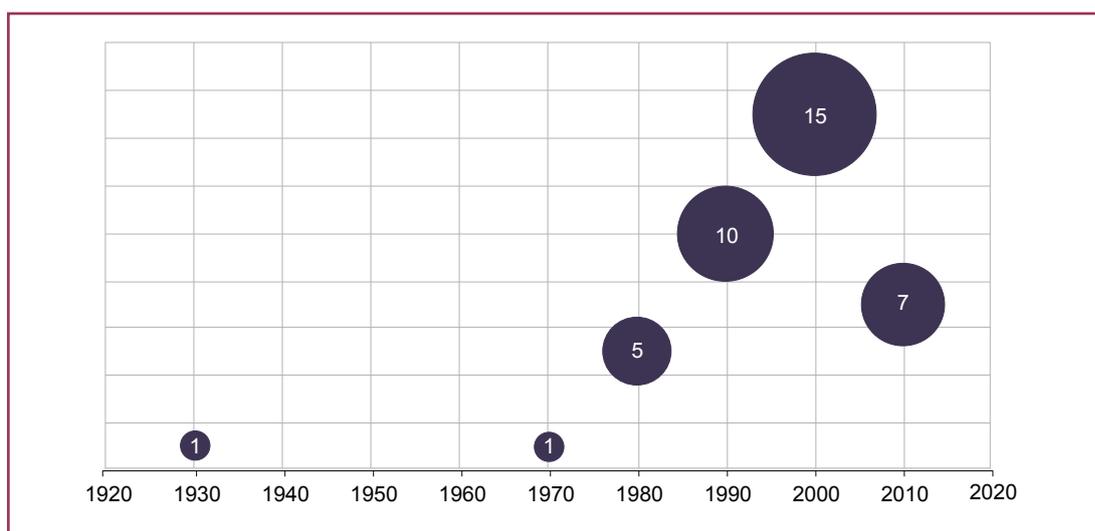
The reflection of these actions can be seen in the advancement of certain themes which, depending on the current structure, encourage the creation of new vehicles for disseminating the scientific product, such as conference proceedings, books, and articles. In this sense, the model of ranking scientific production, its stratification into points and the valuation of research productivity have contributed to the intensification of internal disputes in the field, often conditioned by a disciplinary perspective that disregards the highly relational nature of the field of physical education itself (RIGO; RIBEIRO; HALLAL, 2012). The search for ways out of this clash may have influenced the implementation of new journals, reflecting the field's

epistemological activity in the logic of producing and legitimising knowledge and its internal arrangements (FENSTERSEIFER, 2010, 2019).

The exacerbated productivity of articles and the ever-increasing demand for this type of publication by the researchers who make up the academic-scientific field (MANOEL; CARVALHO, 2011; SILVA; GONÇALVES-SILVA; MOREIRA, 2014) can also be understood as an element that increases the demand for new journals that allow the volume of articles produced to flow.

Graph 1 shows that the historical process of establishing the journals included in this study dates to the 1930s, specifically 1932, with the publication of the *Revista de Educação Física* of the Army Physical Education School³. However, the 1930s can be considered the decade in which the field began to establish its own mechanisms for selecting and training personnel, albeit with a strong subordination to the medical and pedagogical fields, and the Army's *Revista de Educação Física* is seen as a materialisation of this process, as it published texts by agents with different positions (PAIVA, 2004).

Graph 1 - Number of journals launched per decade



Source: Research data, prepared by the authors (2023).

At that time, the scientific nature of the texts was incipient and became more pronounced in the journals that were launched in the second half of the 20th century. This can be seen in the fact that in 1979 the Colégio Brasileiro de Ciências do Esporte (CBCE) published the first volume of the *Revista Brasileira de Ciências do Esporte* (RBCE), which has been published uninterruptedly since its launch. It is therefore the longest-running scientific journal in Brazilian physical education (LAZZAROTTI FILHO, 2018).

³ This is the oldest journal in this study but it has undergone changes in its editorial policy and interruptions in periodicity. Since 2014, it has been published by the Army's Physical Training Centre (CCFEx) and has kept its periodicity up to date, currently called *Revista de Educação Física / Journal of Physical Education*. Not to be confused with the *Journal of Physical Education* which corresponds to the former *Revista da Educação Física* of the State University of Maringá.

Most of the journals were launched⁴ in the 1990s (10) and 2000s (15). During this period, physical education had gone through and was still feeling the repercussions of the debates about its identity, from the Renewal Movement of the 1980s to the expansion of research and postgraduate studies in the 1990s and 2000s (BRACHT, 2010; LIMA; SILVA, 2009; LOVISOLO, 1998; MEDINA, 2007) and the solidification of the scientific *modus operandi* (LAZZAROTTI FILHO *et al.*, 2012; LAZZAROTTI FILHO; SILVA; MASCARENHAS, 2014).

The increase in the number of journals in the 1990s can be partly explained as a result of technological advances in communications, which made the publishing process faster and easier, specifically in the stages of preparing, sending and receiving articles for evaluation and publication, the latter still in print (FERREIRA NETO; NASCIMENTO, 2002). On the other hand, this decade partly reflected the unfolding of disputes in the field, with six new generalist journals and four new thematic journals.

The 2000s saw a number of milestones for physical education, including the consolidation of various changes in the structure of Brazilian postgraduate programmes since the 1990s (MANOEL; CARVALHO, 2011). This process mixed elements of the disputes that took place in the 1970s and 1980s, with the infusion of dialogues and debates related to pedagogical, sociological and philosophical perspectives on the body, sport, movement and culture, challenging the current hegemonic perspectives, consolidating researchers, research groups and theoretical approaches more closely linked to the human and social sciences (LAZZAROTTI FILHO; SILVA; MASCARENHAS, 2014; SILVEIRA; STIGGER; MYSKIW, 2019).

The implementation of the Electronic Journal Publishing System (SEER) was another milestone in the 2000s, since the free software with customisations, made available by the Brazilian Institute of Information in Science and Technology (IBICT), was adopted by the journals (LAZZAROTTI FILHO, 2018; SILVA; PIRES, 2014; STIGGER; FRAGA; MOLINA NETO, 2014). This process transformed the dynamics of editorial management and the publication of articles, since the digital and online format offers greater reach and permeability, even though some publications have maintained both print and digital formats.

In addition to the creation of new journals, the dynamic change in focus and scope of two publications towards the humanities and social sciences stands out. The change in scope of *Movimento* in 2003, nine years after its creation, reinforces the argument about a demarcation regarding the understanding of the dynamics that move the academic-scientific field of physical education. Stigger, Fraga and Molina Neto (2014) give clues to this process by portraying the historical path of the journal, which in 1994 had been created with a perspective close to studies carried out in the social, cultural, philosophical and political spheres that permeated physical education but also received contributions from articles close to the biological sciences.

4 As outlined in the methodological section, these results only refer to journals that are still active. Therefore, there are other journals that were created and circulated in the decades shown in Graph 1 but which were not included in the study.

Along similar lines to *Movimento*, in 2019 *Pensar a Prática* also changed its focus and scope, reinforcing its proximity to the sociocultural and pedagogical sub-areas of physical education. This decision aimed to establish even stronger ties with the sociocultural and pedagogical dimensions of physical education, making the journal a place of interest for this specific scientific community (RODRIGUES, 2019).

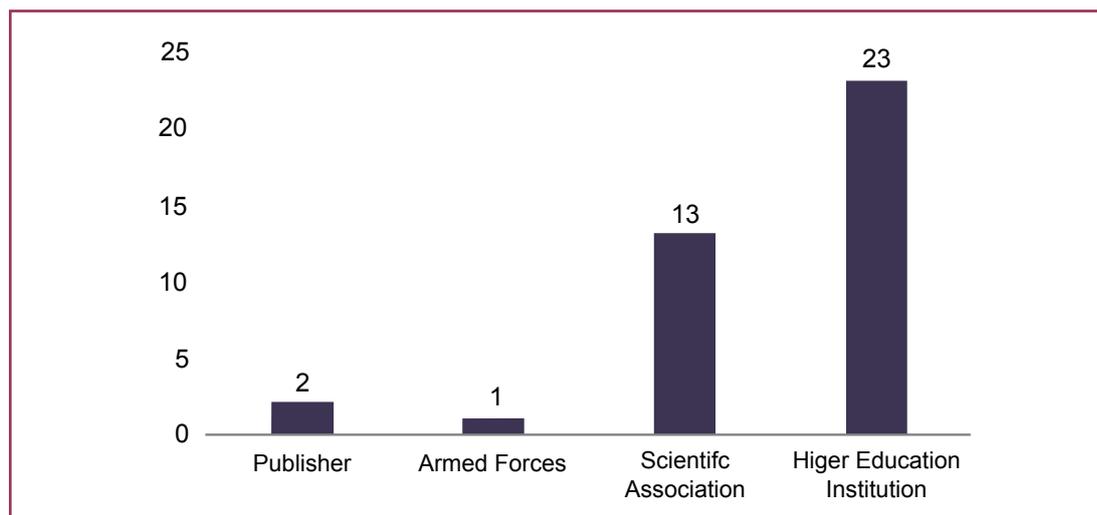
In addition to the academic-scientific field, this period also saw an expansion in the field of training and professional practice, a reflection of the creation of new physical education courses whose growth was accentuated in the period 1995-2015 (BROCH *et al.*, 2020). In the last two decades of the 20th century, there was a clear expansion of the possibilities for entering the labour market, reaching other services in addition to the mainly formal education, with an increase in offers in the sports and leisure fields (FONSECA; SOUZA NETO, 2020).

According to Proni (2010), the broadening of the academic-scientific field is closely linked to the increase in the supply of professional training in the area, which is directly affected by the growth in demand for services and the expansion of the labour market for graduates of physical education courses. The Higher Education Institutions (HEIs) that offer professional training are sometimes also dedicated to research, especially universities, and concentrate a significant part of Brazil's intellectual production. In this scenario, advances in the field of research, professional training and postgraduate programmes have become intertwined.

4 INSTITUTIONAL AFFILIATION OF SCIENTIFIC JOURNALS IN BRAZILIAN PHYSICAL EDUCATION

The institutional affiliations that journals establish with higher education institutions (HEI) and scientific associations may be an indicator of the above scenario, since the insertion of a journal in courses, departments or even educational institutions shows that it disseminates products from scientific activity. On the other hand, the creation of journals by scientific associations shows that there is a demand for the flow of production originating inside and outside these associations, which represent agents in the scientific field, organised in a group format whose affinity is based on the relationship between themes, objects and subjects that permeate the field. Graph 2 shows the institutional affiliation of the 39 journals.

Graph 2 - Type of institution to which the journals are affiliated



Source: Research data, prepared by the authors (2023).

It is noteworthy that 13 journals are affiliated with 10 scientific associations that are related to physical education. These are societies, colleges, and associations whose journals are channels for disseminating the knowledge produced by their members or even those who are not part of the organisation but decide to publish their articles due to the journal's prestige and/or thematic proximity. The majority (11 of the 13) are thematic, since only *RBCE* has a general scope, and the *Revista da ALESDE* has its focus and scope directed towards sociocultural approaches to sport. This data allows us to understand another aspect of the diversification and development of the academic-scientific field of physical education, which is the presence of different groups organised around themes and research objects that permeate the field and the journals.

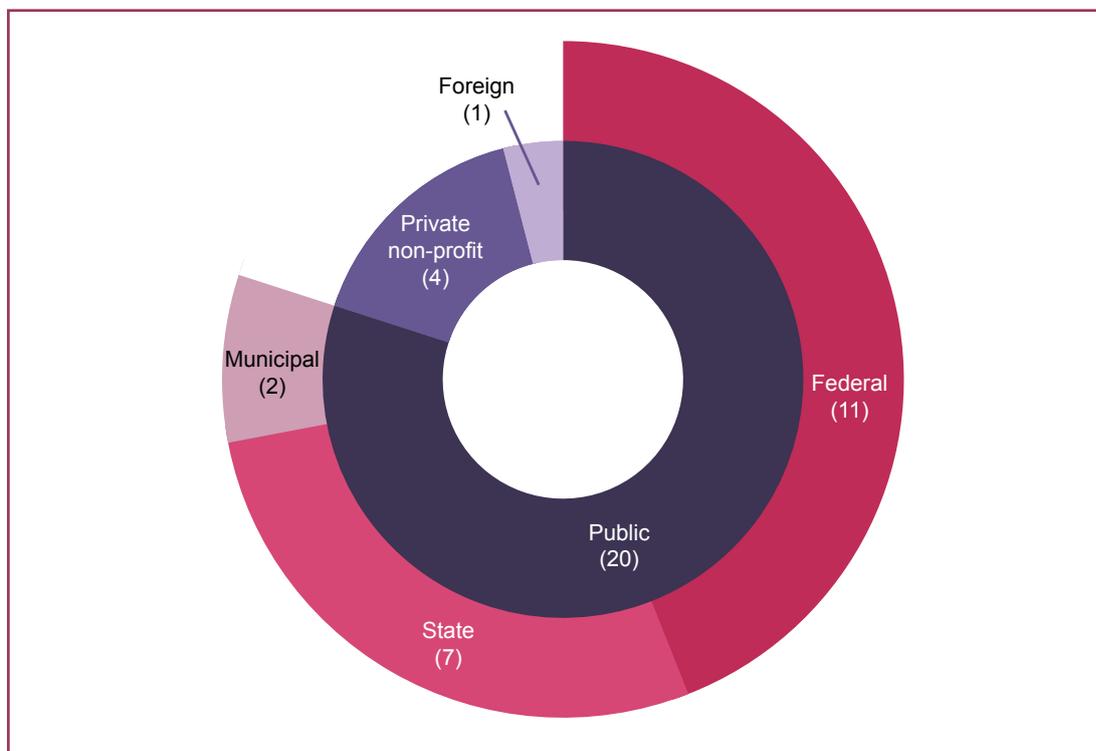
The scientific associations launched their journals mainly in the 2000s (7 of the 13), which corroborates the data presented earlier in Graph 1, with most thematic journals being created in that decade. In addition to the above, it can be inferred that the existence of 10 different associations is indicative of the process of expansion of the scientific field of physical education, since they represent the connection of researchers around common objects, themes and theories.

It should be noted that these journals maintain some affiliation with higher education institutions, as they may have professors working in higher education on their editorial board, which may offer some institutional support for the editor or even guarantee some working conditions that allow them to carry out the editorial function, even if on a voluntary basis.

Another 23 journals are mainly affiliated with HEIs, in the form of study and research groups, courses, departments and faculties. This implies a direct connection between the institutions that carry out professional training and the production and dissemination of knowledge. These journals are linked to 21 universities and a college (the Jundiaí School of Physical Education, which only *Pulsar* is linked to).

Graph 3 shows the number of journals grouped by HEI administrative category and expresses a scenario in which public universities are the main organisations providing institutional support for the journals studied. This reinforces the view that scientific journals in Brazil are entwined to the higher education structure, especially those maintained by public resources (JOB, 2013; JOB *et al.*, 2019; LAZZAROTTI FILHO, 2018).

Graph 3 - Administrative category of the HEI to which the journals are affiliated



Source: Research data, prepared by the authors (2023). The sum of the journals is equal to 25 because two journals have two affiliations, a private HEI and a foreign HEI.

The data also shows ties to training, both at undergraduate and postgraduate levels, so the journals can express the scenario in which the training aspects of the HEIs are intertwined with scientific production. It is no coincidence that journals affiliated with educational institutions began to be implemented in the 1980s, which coincides mainly with the implementation of the first *stricto sensu* postgraduate courses in the field (BRACHT, 2015; FERREIRA NETO, 2004; LIMA; SILVA, 2009).

In this sense, the presence of journals in organisational structures that allow them to be disseminated beyond the field of physical education, as well as enabling them to be accessed in different locations and languages, can be seen as an indicator of a process of development in publishing practices.

5 INDEXING SCIENTIFIC JOURNALS IN BRAZILIAN PHYSICAL EDUCATION

Databases are organisers of information which, in addition to their storage function, make it possible to extract new indicators and analyses based on predetermined and specific criteria for each search, the results of which are retrieved efficiently and accurately (MUGNAINI, 2003; MUGNAINI; PIO; PAULA, 2019).

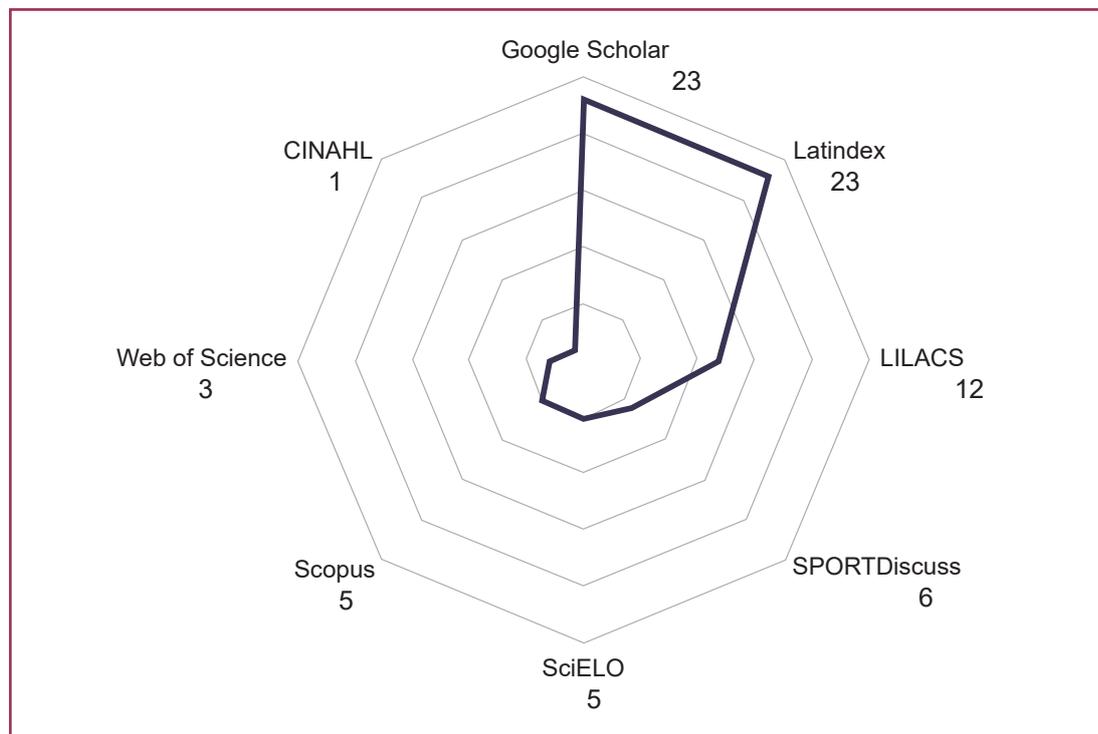
Indexing in databases has been a constant demand in the daily life of journals. They guarantee the storage, processing and preservation of information, facilitate the generation of literature usage data with a certain national and international visibility, as well as partially validating the journal, insofar as more competitive databases have more disputed entry and permanence criteria (JOB *et al.*, 2019).

This process can be noticed in the minimum requirements, such as adherence to editorial and ethics programmes, requirements for certain languages when publishing, diversification of the editorial staff, archiving policies and digital preservation of collections (PADULA, 2019).

The 39 journals in this study report on their websites that they are members of various databases and catalogues, often without differentiating between them or listing them generically. For analytical purposes, it was decided to identify these journals as belonging to the group of indexers and catalogues considered by Job (2013): Web of Science, Scopus, Medline, SPORTDiscus, SciELO and LILACS.

In addition to these, other indexers considered in Qualis Journals 2013-2016 were listed: CINAHL, Redalyc, and Latindex (RODACKI *et al.*, 2017). In turn, PubMed and Google Scholar were added to this process due to their use among the evaluation criteria for Qualis *Único* in Area 21 (GUIRRO; FORJAZ; NAVAS, 2019). Graph 4 shows the number of journals indexed in each of these databases and catalogues.

Graph 4 - Number of journals per database or catalogue



Source: Research data, prepared by the authors (2023).

Due to its automated nature, it is understood that Google Scholar “incorporates” all the publications on the web, as long as the journal websites are visible to the search engines for collecting information (GOOGLE, 2022; PADULA, 2019). However, the mechanism is controversial in terms of its accuracy, its ability to distinguish duplicate

publications, the possibility of searching by journal, the lack of a complete list of all indexed journals and the difficulty in filtering out elements such as self-citation and the inaccuracy of its metrics, specifically the h-index, which incorporates all the sensitive elements listed and is not highly reliable (FALAGAS *et al.*, 2008; PINTO *et al.*, 2018).

As the databases add more complex and demanding criteria for entry and permanence, the number of journals indexed in them decreases. This can be seen in the fact that five journals that appear in SciELO are also part of the Scopus collection, and only one of them appears in Web of Science.

It can be said that these databases include a small number of journals as they have criteria and requirements that can be challenging for editorial teams and demand a high mobilisation of staff and resources, according to Job *et al.* (2019). Criteria for entry are more or less strict, depending on the database.

On the other hand, their presence in these databases guarantees a differentiated “status” for these journals, specifically if we look at CAPES’ evaluation criteria, which tends to prioritise their presence in Web of Science and Scopus and the metrics generated in these databases. It should be noted that there are criticisms of this process, to the extent that the evaluation is considered unequal and does not take into account the specificities of the sciences practised in the field (FÓRUM DE EDITORES..., 2019; HALLAL; MELO, 2017; RIGO *et al.*, 2012; VAZ; ALMEIDA; BASSANI, 2014).

Table 1 groups together the journals indexed in Scopus and Web of Science, as well as giving indications of their metrics and classification according to percentile and quartile in each. Of the three journals indexed in the Web of Science, only *Movimento* has an Impact Factor (0.523) as it is included in the Journal Citation Reports (JCR) and is part of the Social Sciences Citation Index (SSCI). *Podium* and *Revista Brasileira de Futsal e Futebol* joined the database in 2020 and are part of the Emerging Sources Citation Index (ESCI), but are not yet listed in the JCR, so they do not yet have an Impact Factor⁵.

5 According to the announcement by Clarivate™, from 2023 onwards the JCR will also include the ESCI and the journals that appear in them will have their Impact Factor calculated (QUAEDRI, 2022).

Table 1 - Journals indexed in the Scopus and Web of Science databases, in alphabetical order

Journal	Scopus				Web of Science					
	Listed	CiteScore (2020)	%	Area/Category	Listed	JIF (2020)	JCI	%	Quartile	WoS Category
Journal of Physical Education	Yes	0.5	20	Social Sciences: Education	No	--	--	--	--	--
			12	Medicine: Public Health, Environmental and Occupational Health						
Motriz: revista de Educação Física	Yes	0.8	27	Health (social science)	No	--	--	--	--	--
Movimento	Yes	0.7	30	Education	SSCI	0.523	0.23	14.22	Q3	SOCIAL SCIENCES, INTERDISCIPLINARY - SSCI
								3.58	Q4	EDUCATION & EDUCATIONAL RESEARCH - SSCI
Podium: sport, leisure, and tourism review	No	--	--	--	ESCI	None	0.05	5.81	Q4	HOSPITALITY, LEISURE, SPORT & TOURISM - ESCI
Revista Brasileira de Ciências do Esporte	Yes	0.8	32	Health Professions: Physical Therapy, Sports Therapy and Rehabilitation	No	--	--	--	--	--
			28	Health (social science)						
Revista Brasileira de Cineantropometria e Desempenho Humano	Yes	0.6	15	Physiology (medical)	No	--	--	--	--	--
			6	Biochemistry, Genetics and Molecular Biology: Physiology						
Revista Brasileira de Futsal e Futebol	No	--	--	--	ESCI	None	0.05	5.81	Q4	HOSPITALITY, LEISURE, SPORT & TOURISM - ESCI

Source: Research data, prepared by the authors (2023).

Regarding the metrics, none of the journals occupy higher positions within the percentile of the areas in which they are categorized. This shows a certain difficulty in ranking citations and expresses the difficulty that Brazilian journals have faced in establishing channels of communication with international agents and institutions, most of the components of these databases.

The context of the language of publication may be an element that limits these journals, since Portuguese is the standard adopted in the texts of these journals (except for *Motriz* and *Revista Brasileira de Cineantropometria e Desempenho Humano*, which publish exclusively in English). Despite providing metadata in English, this is insufficient if we think only of international visibility.

Considering the English language as the main language for publications has been generating debate in the academic-scientific field, since internationalisation through the use of this language as the standard for communicating science has been gradually adopted by agents and institutions. Although not “mandatory” in some databases depending on the journal’s field, it is a fact that English favours communication on a global level, especially for knowledge produced close to the natural sciences. For sciences produced in close proximity to the humanities, this language is adopted with less commitment. This is due to the logic of constructing the meanings of this type of research, which is closer to the context in which it takes place, has constitutive elements based on local specificities that cannot be generalised and is, therefore, more difficult to think about and elaborate categorically in a language that is not the researcher’s native language (ORTIZ, 2004).

In the case of physical education, the varied scientific practices are also manifested in the issue of language, and may partially explain this process of low adherence to the field’s journals in international databases, or even in national ones, such as SciELO⁶, since the field has journals that establish direct communications with different areas of knowledge but are evaluated by metrics aligned with the scientific practices of the natural sciences (FORUM OF EDITORS..., 2019).

In addition to the language issue, another relevant aspect is the way the journals were structured and their search condition for indexing. Of the seven journals listed in Table 1, only two were launched in the 2000s (*Revista Brasileira de Futsal e Futebol*, 2009, and *Podium*, 2012). The other five journals were launched in the second half of the 20th century, namely: the 1970s (*Revista Brasileira de Ciências do Esporte*, 1979), the 1980s (*Journal of Physical Education*, 1989) and the 1990s (*Movimento*, 1994, *Motriz*, 1995 and *Revista Brasileira de Cineantropometria e Desempenho Humano*, 1999).

There is a small group of journals that manage to enter the most highly valued databases and a large group of journals that are still in the process of being indexed in catalogues and indexes with less value. This may be an indication of the maturing process of the scientific field, as the journals act and react to external pressures, and scientific practice is incorporated into the *habitus* of the agents with whom they dialogue.

6 The minimum percentage of publications in English varies according to subject area (SCIELO, 2022).

Thinking about the organisation of the field (BOURDIEU, 2004), the validation of what is legitimate can be seen in the disputes between agents, e. g. the battles fought to guarantee hegemony through the possession of a certain capital, which in the scientific field can be recognised as the position of journals in prestigious places/positions. This scenario involves the organisation of the journal as a vehicle for communication and the formation of the scientific field but its logic is built on the work of agents who are in the field and who also have their own capital, so they have specific dispositions and strategies for accumulating this capital.

The existence of at least 39 journals characteristic of this field, distributed across multiple thematic and epistemological axes with some longevity, since the average circulation time⁷ of these journals is 21.7 years (± 14.6), indicates that scientific journals are consolidated in the field of Brazilian physical education. The average lifespan of the journals in this study partially demonstrates this consolidation, since other studies have already addressed the existence of journals from the first half of the 20th century, albeit at different stages of development, which were not centred on disseminating the results of scientific activity and which, over the years, were closed or failed to keep their periodicity up to date (FERREIRA NETO *et al.*, 2002; LAZZAROTTI FILHO, 2018; LIMA; SILVA, 2009).

In this study, which used current journals as its analytical corpus, only *Revista de Educação Física* of the Army Physical Education School, which is 90 years old, *Revista Brasileira de Ciências do Esporte*, which is 43 years old, and *Kinesis*, which is 38 years old, have been in circulation longer than the average plus the standard deviation (36.6 years). The others are within this time frame, indicating a relatively young age in the structuring and implementation of the journals, which coincides with the very implementation and incorporation of the scientific *modus operandi* (LAZZAROTTI FILHO; SILVA; MASCARENHAS, 2014).

This brief overview of the 39 journals provides an understanding of the specific aspects of the structure of the academic-scientific field of physical education, in a process that is aligned with the very logic of the power relations within and outside it. However, a more detailed look at the specifics of each journal is necessary to understand how this process takes place, what challenges the journals face in their day-to-day activities, how the relationships between agents and institutions unfold in each one and how they position themselves in the field.

6 FINAL CONSIDERATIONS

Scientific publishing is a social process that includes the structuring and existence of a network for communicating scientific activity through specialised channels, the journals. Individually, they are spaces that have gained prominence in the dissemination of systematised knowledge produced in the various sciences, with greater emphasis on the second half of the 20th century.

⁷ This analysis considered the date of implementation, subtracted from the year in which this research was carried out (2022), resulting in a “lifetime” value for each journal. From this data, the average and standard deviation were estimated. These values tend to increase over time but may decrease if journals cease their activities or new journals join the field.

In the case of the scientific literature of Brazilian physical education, we can see that it is consolidated, since there are at least 39 journals that in some way represent the internal dynamics of the academic-scientific field, mostly affiliated with public HEIs, with growing participation of scientific associations in their composition. They have managed to enter different databases, although they face difficulties in reaching those with greater prestige in the face of their selective and exclusionary criteria.

This process was made clear when looking at the journals in this study, most of which were launched in the 1990s, 2000s and 2010s. The 2000s encompass most of this process, a period that coincides with the structuring and expansion of postgraduate studies in physical education, with an increase in the production and dissemination of research stemming from investigative actions within the academic logic of the field. At the same time, the process of migrating to digital publishing platforms, such as SEER, made possible by the partnership with IBICT, was of great value to the scenario presented.

The epistemological filters in the editorial policy are perceived as a movement by the journals to adapt to the field's internal dynamics because, in the disputes for hegemony, the most consolidated *habitus* is more characteristic of the so-called biodynamics sub-area, which puts agents from the sociocultural and pedagogical sub-areas in heterodox positions. The existence of journals that objectively establish exclusive dialogues with the humanities and social sciences is evidence of the resistance of these agents and an attempt to shape the field.

The limits of this study lie in the difficulty of locating all the active scientific journals from a source other than Qualis Journals, the impossibility of stating which journals are the most relevant or even which is the most appropriate for each theme and object, as this would imply an in-depth analysis of the articles published in these journals, which goes beyond the official information on focus and scope. Another limitation is in relation to indexing since a cross-analysis based on the indexers could provide more detail on the total number of journals indexed in each database.

All these limits are possibilities for future studies, even though some of these themes have been partially investigated in other works mentioned above.

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Resumo: Objetivou-se elaborar um panorama do periodismo científico da educação física brasileira, dentro das dinâmicas vigentes no campo acadêmico-científico. Buscou-se no Qualis Periódicos da CAPES dados disponíveis sobre os periódicos da educação física brasileira que tiveram seus sites acessados e analisados. Os dados passaram por análise de conteúdo, realizada com apoio do software MaxQDA®. Identificou-se 39 periódicos, com foco e escopo abrangendo diversos temas e objetos na educação física, implementados majoritariamente nas décadas de 1990 e 2000. Os periódicos têm como principal vínculo as instituições de ensino superior e as associações científicas e estão indexados com maior proporção no Google Scholar e Latindex, sendo que a minoria consta nas coleções dos indexadores mais disputados como Web of Science e Scopus. Percebe-se que o periodismo científico da educação física se encontra consolidado e seus periódicos compõe as dinâmicas internas deste campo acadêmico-científico.

Palavras-chave: Educação Física e Treinamento. Publicações Periódicas. Campo acadêmico-científico. Bases de Dados de Citações.

Resumen: El objetivo fue elaborar un panorama del periodismo científico de la Educación Física brasileña, dentro de la dinámica actual en el campo académico-científico. En Qualis Periódicos da CAPES, se buscaron datos disponibles sobre los periódicos brasileños de Educación Física, cuyos sitios web fueron consultados y analizados. Los datos fueron sometidos a análisis de contenido, realizado con el apoyo del software MaxQDA®. Se identificaron 39 periódicos, con enfoque y alcance que abarcan diversos temas y objetos de la Educación Física, implementados en su mayoría en las décadas de 1990 y 2000. Tienen como enlace principal Instituciones de Educación Superior y asociaciones científicas, están indexadas en mayor proporción en Google Scholar y Latindex, apareciendo una minoría en las colecciones de Web of Science y Scopus. És notado que se encuentran consolidados el grupo de periódicos científicos de la Educación Física, y ellos conforman la dinámica interna de este campo académico-científico.

Palabras clave: Educación y Entrenamiento Físico. Publicaciones Periódicas. Campo académico-científico. Bases de Datos Bibliográficas.

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CONFLICT OF INTERESTS

The authors declare that this work involves no conflict of interest.

CONTRIBUIÇÕES AUTORAIS

Oromar Augusto dos Santos Nascimento: conceptualization, data curation, formal analysis, fundraising, research, methodology, resources, software, validation, writing – original draft, writing – proofreading and editing.

Ari Lazzarotti Filho: conceptualization, data curation, methodology, project management, supervision, validation, writing – proofreading and editing.

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RESEARCH ETHICS

The research was approved by the Research Ethics Committee of the Federal University of Goiás, protocol number 27555319.6.0000.5083.

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EDITORIAL RESPONSIBILITY

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This file was prepared by researchers Dr. Oromar Augusto dos Santos Nascimento¹ and Dr. Ari Lazzarotti Filho, based on the scientific journals of Physical Education that appeared in the Catalogue of Physical Education and Sports Journals*, and in Qualis Journals in the evaluation area Physical Education, quadrennium 2013-2016**.

In 2023, after a long process, the Coordination of Superior Level Staff Improvement (CAPES) made available the documentation and list of journals classified in the area of Physical Education, which changed some information and classification of the journals that appear in this spreadsheet. For reasons of methodological coherence, it was decided to maintain the information according to the 2013-2016 Quadrennial, which guided the research in its data collection and analysis, which began in 2021 and ended in 2022.

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Table 01 – List of 39 scientific journals of Brazilian physical education, organized in alphabetic order according to their titles.

ISSN	Title	Qualis Journals 2013-2016	URL	Institutional bond	Editor-in chief	Publication model or periodization	Release year	Classification according Lazzarotti Filho (2018)***	Access policy	Article Processing Charges (APC)	Value of the fee	Notes
1809-9556	ARQUIVOS EM MOVIMENTO (UFRJ. ONLINE)	B4	https://revistas.ufrj.br/index.php/am	Escola de Educação Física e Desporto - Universidade Federal do Rio de Janeiro	Not declared	Continuous publication	2005	Generalist	Open access	No		
2317-3467	BIOMOTRIZ (UNICRUZ)	B5	https://revistaeletronica.unicruz.edu.br/index.php/BIOMOTRIZ/index	Programa de Pós-graduação em Atenção Integral à Saúde - Universidade Cruz Alta	Rodrigo de Rizzo Krug	Continuous publication	2003	Generalist	Open access	No		
1980-5586	BRAZILIAN JOURNAL OF MOTOR BEHAVIOR	B5	https://socibracom.com/bjmb/index.php/bjmb/index	Sociedade Brasileira de Comportamento Motor - SOCIBRACOM	Fabio Augusto Barbieri José Angelo Barela Natalia Madalena Rinaldi	Four months	2006	Thematic	Open access	No		
2318-5104	CADERNO DE EDUCAÇÃO FÍSICA E ESPORTE	B4	http://e-revista.unioeste.br/index.php/cademoedfisica/index	Universidade Estadual do Oeste do Paraná	Gustavo André Borges	Four months	1999	Generalist	Open access	No		
2175-3962	CADERNOS DE FORMAÇÃO RBCE	B5	http://revista.cbce.org.br/index.php/cadernos	Colégio Brasileiro de Ciências do Esporte Pró-reitoria de Pesquisa e Extensão - Universidade Federal de Santa Catarina	Alexandre Fernandez Vaz Michelle Carreirão Gonçalves (Adjunta)	Semiannual	2009	Thematic	Open access	No		
1981-4313	COLEÇÃO PESQUISA EM EDUCAÇÃO FÍSICA	B4	https://www.fontouraeditora.com.br/periodico/home/viewPage/1	Fontoura Editora	Afonso Antonio Machado (Presidente da comissão editorial)	Quarterly	2007	Generalist	Open access	Submission/ Publication	R\$ 80.00 R\$ 368.00	R\$80.00 for submission and R\$360.00 for publication.
1983-9030	CONEXÕES (CAMPINAS. ONLINE)	B4	https://periodicos.sbu.unicamp.br/ojs/index.php/conexoes	Faculdade de Educação Física - Universidade Estadual de Campinas	Edivaldo Góis Júnior	Continuous publication	1998	Generalist	Open access	No		

1809-1296	ESPORTE E SOCIEDADE	B4	https://periodicos.uff.br/esportesociedade/index	Núcleo de Estudos sobre Esporte e Sociedade (NEPESS) - Universidade Federal Fluminense	Bernardo Buarque de Hollanda Leda Maria da Costa Livia Gonçalves Magalhães Luiz Fernando Rojo Rosana da Câmara Teixeira	Four months	2005	Corte de área	Open access	No		
2448-2455	JOURNAL OF PHYSICAL EDUCATION (ONLINE)	B5 (B1)	https://periodicos.uem.br/ojs/index.php/RevEducFis/index	Departamento de Educação Física - Unviersidade Estadual de Maringá	Ademar Avelar Carlos Herold Junior	Continuous publication	1989	Generalist	Open access	Publication	R\$ 800.00 US\$ 150.00	Articles submitted by authors from Brazil pay R\$800.00. Articles submitted from countries other than Brazil pay US\$ 150.00
0102-8308	KINESIS (SANTA MARIA)	B4	https://periodicos.ufsm.br/kinesis	Centro de Educação Física e Desportos - Universidade Federal de Santa Maria	João Francisco Magno Ribas	Continuous publication	1984	Generalist	Open access	No		
1981-3171	LICERE (CENTRO DE ESTUDOS DE LAZER E RECREAÇÃO. ONLINE)	B2	https://periodicos.ufmg.br/index.php/licere/index	Programa de Pós-graduação Interdisciplinar em Lazer - Universidade Federal de Minas Gerais	Victor Andrade de Melo Hélder Ferreira Isayama	Quarterly	1998	Thematic	Open access	No		
2175-8042	MOTRIVIVÊNCIA (FLORIANÓPOLIS)	B2	https://periodicos.ufsc.br/index.php/motrivivencia	Laboratório e Observatório da Mídia Esportiva (LaboMídia) - Centro de Desportos e do Portal de Periódicos da Universidade Federal de Santa Catarina	Mauricio Roberto da Silva Giovani De Lorenzi Pires Rogério Santos Pereira	Four months	1988	Area-based	Open access	No		
1980-6574	MOTRIZ : REVISTA DE EDUCAÇÃO FÍSICA (ONLINE)	B1	https://www.scielo.br/motriz/	Departamento de Educação Física, Instituto de Biociências - Universidade Estadual de São Paulo Campus Rio Claro	Angelina Zanesco	Continuous publication	1995	Generalist	Open access	Publicação	R\$ 550.00 US\$ 350.00	For articles accepted from July 2019, the fees will be R\$550.00 or US\$350.00 for all types of articles

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1984-4298	MOVIMENTA	B4	https://www.revista.ueg.br/index.php/movimenta/about	Programa de Mestrado Interdisciplinar em Ciências Aplicadas a Produtos para Saúde - Universidade Estadual de Goiás	Cibelle Formiga	Four months	2008	Thematic	Open access	No		
1982-8918	MOVIMENTO (UFRGS. ONLINE)	A2	https://seer.ufrgs.br/Movimento	Escola de Educação Física, Fisioterapia e Dança - Universidade Federal do Rio Grande do Sul	Alex Branco Fraga	Continuous publication	1994	Area-based	Open access	Processing	R\$ 200.00 US\$ 100.00	Fee charged after approval of the article in standard and scope assessments. R\$ 200.00 for payments made within Brazil; US\$ 100.00 for payments made outside Brazil
1980-6183	PENSAR A PRÁTICA (ONLINE)	B2	https://www.revistas.ufg.br/fe	Faculdade de Educação Física e Dança - Universidade Federal de Goiás	Heitor de Andrade Rodrigues	Continuous publication	1998	Area-based	Open access	No		
2316-932X	PODIUM: SPORT, LEISURE AND TOURISM REVIEW	B4	https://periodicos.uninove.br/podium	Universidade Nove de Julho	Benny Kramer Costa	Four months	2012	Thematic	Open access	No		
2317-7357	PRAXIA - REVISTA ONLINE DE EDUCAÇÃO FÍSICA DA UEG	B4	https://www.revista.ueg.br/index.php/praxia/index	Curso de Educação Física - Universidade Estadual de Goiás	Rodrigo Roncato Marques Anes	Continuous publication	2013	Generalist	Open access	No		
2175-6651	PULSAR (JUNDIAÍ)	B4	http://pulsar.esef.br/index.php	Escola Superior de Educação Física de Jundiaí	Marcelo Conte	Quarterly	2009	Generalist	Open access	No		
1982-8985	RECORDE: REVISTA DE HISTÓRIA DO ESPORTE	B4	https://revistas.ufrj.br/index.php/Recorde/about	"Sport": Laboratório de História do Esporte e do Lazer, Programa de Pós-Graduação em História Comparada, Instituto de História - Universidade Federal do Rio de Janeiro.	Victor Andrade de Melo	Semiannual	2008	Thematic	Open access	No		
2317-1634	REVISTA BRASILEIRA DE ATIVIDADE FÍSICA E SAÚDE	B2	https://www.rbafs.org.br/RBAFS	Sociedade Brasileira de Atividade Física & Saúde	Jeffer Eidi Sasaki Priscila Nakamura	Continuous publication	1995	Thematic	Open access	Publication	R\$ 400.00 R\$ 600.00	R\$ 400.00 (four hundred reais) for articles submitted in thematic editions; R\$ 600.00 (six hundred reais) for articles submitted in the continuous flow.

0103-1716	REVISTA BRASILEIRA DE CIÊNCIA E MOVIMENTO	B2	https://portalrevistas.ucb.br/index.php/RBCM	Centro de Estudos do Laboratório de Aptidão Física de São Caetano do Sul (CELAFISCS) - Universidade Municipipl de São Caetano do Sul; Universidade Católica de Brasília – UCB	Jonato Prestes	Quarterly	1987	Generalist	Open access	No		
2179-3255	REVISTA BRASILEIRA DE CIÊNCIAS DO ESPORTE (ONLINE)	B1	https://www.scielo.br/rjrbce/	Colégio Brasileiro de Ciências do Esporte Programa de Pós-graduação em Educação Física, Universidade de Brasília	Fernando Mascarenhas Lauro Vianna Ari Lazzarotti Filho	Continuous publication	1979	Generalist	Open access	Publication	US\$ 100,00 or CBCE membership	There is an exemption from the publication fee for CBCE members. The membership fee varies according to the entity's rules, from R\$88.00 to R\$374.00 per year.
1980-0037	REVISTA BRASILEIRA DE CINEANTROPOMETRIA E DESEMPENHO HUMANO	B1	https://periodicos.ufsc.br/index.php/rbcdh	Núcleo de Pesquisa em Cineantropometria e Desempenho Humano do Centro de Desportos - Universidade Federal de Santa Catarina	Diego Augusto Santos Silva	Continuous publication	1999	Thematic	Open access	No		
1981-4690	REVISTA BRASILEIRA DE EDUCACAO FISICA E ESPORTE	B1	https://www.revistas.usp.br/rbef	Escola de Educação Física e Esporte - Universidade de São Paulo	Ary José Rocco Júnior	Quarterly	1986	Generalist	Open access	No		From 1986 to 2003 it was Revista Paulista de Educação Física
2446-9467	REVISTA BRASILEIRA DE EDUCACAO FISICA ESCOLAR	B5	https://www.rebescolar.com/sobre	Editora CRV	Daniel Carreira Filho	Four months	2015	Thematic	Cadastro prévio	No		
2358-1239	REVISTA BRASILEIRA DE ESTUDOS DO LAZER	B5	https://periodicos.ufmg.br/index.php/rbel	Associação Brasileira de Pesquisa e Pós-graduação em Estudos do Lazer	Christianne Luce Gomes	Four months	2014	Thematic	Open access	No		
1983-7194	REVISTA BRASILEIRA DE FUTEBOL	B4	https://www.rbf.ufv.br/index.php/RBFutebol	Programa de Pós-Graduação Strictu Sensu do Departamento de Educação Física - Universidade Federal de Viçosa	João Carlos Bouzas Marins	Four months	2008	Thematic	Open access	No		
1984-4956	REVISTA BRASILEIRA DE FUTSAL E FUTEBOL	B4	http://www.rbff.com.br/index.php/rbff	Instituto Brasileiro de Pesquisa e Ensino em Fisiologia do Exercício (IBPEFEX)	Antonio Coppi Navarro	Four months	2009	Thematic	Open access	No		

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1981-9927	REVISTA BRASILEIRA DE NUTRIÇÃO ESPORTIVA	B3	http://www.rbne.com.br/index.php/rbne/issue/view/96	Instituto Brasileiro de Pesquisa e Ensino em Fisiologia do Exercício (IBPEFEX)	Francisco Navarro	Bimestral	2007	Thematic	Open access	No		
1981-9900	REVISTA BRASILEIRA DE PRESCRIÇÃO E FISIOLÓGIA DO EXERCÍCIO	B3	http://www.rbpfex.com.br/index.php/rbpfex/index	Instituto Brasileiro de Pesquisa e Ensino em Fisiologia do Exercício (IBPEFEX)	Francisco Navarro	Bimestral	2007	Thematic	Open access	No		
1981-9145	REVISTA BRASILEIRA DE PSICOLOGIA DO ESPORTE	B4	https://portalrevistas.ucb.br/index.php/RBPE/index	Curso de Educação Física - Universidade Católica de Brasília Associação Brasileira de Psicologia do Esporte	Gislane Ferreira Melo (Administrador de sistema)	Quarterly	2007	Thematic	Open access	No		
2178-5945	REVISTA CORPOCONSCIÊNCIA (ELETRÔNICA)	B5 (B4)	https://periodicoscientificos.ufmt.br/ojs/index.php/corpoconsciencia/index	Faculdade de Educação Física - Universidade Federal de Mato Grosso	Evando Carlos Moreira	Four months	1997	Generalist	Open access	No		
2178-7514	REVISTA CPAQV	B4	http://www.cpaqv.org/revista/CPAQV/ojs-2.3.7/index.php	Centro de Pesquisas Avançadas em Qualidade de Vida	Guanis de Barros Vilela Junior	Four months	2009	Thematic	Open access	Publication	R\$ 200.00	
2238-0000	REVISTA DA ALESDE	B5	https://revistas.ufpr.br/alesde	Asociación Latinoamericana de Estudios del Deporte	Marcelo Moraes e Silva Juliano de Souza	Semiannual	2011	Area-based	Open access	No		
2359-2974	REVISTA DA ASSOCIAÇÃO BRASILEIRA DE ATIVIDADE MOTORA ADAPTADA	B5	https://revistas.marilia.unesp.br/index.php/sobama	Associação Brasileira de Atividade Motora Adaptada Unesp	Eduardo Manzini Maria Luiza Salzani Fiorini	Semiannual	1993**** 2017	Thematic	Open access	No		****Continuation of: Revista da Sociedade Brasileira de Atividade Motora Adaptada; e-ISSN 2359-2974 ISSN 1413-9006. First year 1993.
0102-8464	REVISTA DE EDUCAÇÃO FÍSICA - ESCOLA DE EDUCAÇÃO FÍSICA DO EXÉRCITO	B5	https://www.revistadeeducacaofisica.com/	Centro de Capacitação Física do Exército (CCFEX) - Exército Brasileiro	Lilian Cristina Xavier Martins	Quarterly	1932	Generalist	Open access	No		Oldest journal in the study, but there were interruptions in its publication.
2448-3052	REVISTA DE GESTÃO E NEGÓCIOS DO ESPORTE	B4	http://revistagestao.doesporte.com.br/	Fundação Instituto de Administração Associação Brasileira de Gestão do Esporte	Michel Fauze Mattar	Semiannual	2016	Thematic	Open access	No		

2237-3373	REVISTA INTERCONTINENTAL DE GESTÃO DESPORTIVA	B4	http://revista.universo.edu.br/index.php	Editora da Universidade Salgado de Oliveira - Universidade Salgado de Oliveira Faculdade de Desporto - Universidade do Porto ALIANÇA INTERCONTINENTAL DE GESTÃO DO DESPORTO (AIGD)	Carlos Figueiredo	Four months	2011	Thematic	Open access	Optional	€ 20.00	Article Publication (Effective from 2022): 20.00 (EUR). If you are unable to pay the fees described, notify the Editorial Team through the Comments field, as it is not in your interest to prevent the publication of important works.
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Source: Research data (2023).

* FERREIRA NETO, Amarílio *et al.* **Catálogo de periódicos de Educação Física e Esporte (1930-2000)**. 1. ed. Vitória: Proteoria, 2002.

** Classification, criteria and list are available for access at the link: <https://sucupira.capes.gov.br/sucupira/public/consultas/coleta/veiculoPublicacaoQualis/listaConsultaGeralPeriodicos.jsf>. Access in 25 jul. 2023.

*** LAZZAROTTI FILHO, Ari. O periodismo científico da Educação Física brasileira. **Motrivivência**, v. 30, n. 54, p. 35–50, 2018. Available in: <https://doi.org/10.5007/2175-8042.2018v30n54p35>. Access in 14 fev. 2023.