

## Smart Garments to Enhance Health and Wellbeing of Athletes

Database	Search string	Number of entries	date	Source type	Data	Time frame
Scopus	ALL ( ( "sensor garment*" OR "electronic garment*" OR "smart garment*" OR "smart apparel" ) AND ( sport* OR athlet* ) AND ( health OR well-being OR wellness OR illnesses ) ) AND ( LIMIT-TO ( PUBYEAR , 2018 ) OR LIMIT-TO ( PUBYEAR , 2017 ) OR LIMIT-TO ( PUBYEAR , 2016 ) OR LIMIT-TO ( PUBYEAR , 2015 ) OR LIMIT-TO ( PUBYEAR , 2019 ) OR LIMIT-TO ( PUBYEAR , 2014 ) OR LIMIT-TO ( PUBYEAR , 2013 ) OR LIMIT-TO ( PUBYEAR , 2012 ) OR LIMIT-TO ( PUBYEAR , 2011 ) OR LIMIT-TO ( PUBYEAR , 2010 ) ) AND ( LIMIT-TO ( SRCTYPE , "j" ) ) AND ( LIMIT-TO ( DOCTYPE , "ar" ) )	50	05/06/2020	Journals	ALL*	2010-2019
IEEE	(("Full Text & Metadata":sensor garment OR sensor garments OR electronic garment OR electronic garments OR smart garment OR smart garments OR smart apparel) AND "Full Text & Metadata":sport% OR athlet%)  <b>Filters Applied:</b> 2010 - 2019	84	05/06/2020	Journals	Full text + Meta data ( <i>Abstract, title and indexing terms</i> )	2010-2019
Web of Science	TS=(( "sensor garment*" OR "electronic garment*" OR "smart garment*" OR "smart apparel") AND (sport* OR athlet*)) <b>Refined by:</b> DOCUMENT TYPES: ( ARTICLE ) <b>Timespan:</b> 2019-2010	1	05/06/2020	Article	TS=Topic Searches title, abstract, author keywords, and more	2010-2019

Science Direct	(sensor OR smart OR electronic) AND (garment OR garments) AND (sport OR sports OR athlete OR athletes)  <b>Timespan:</b> 2019-2010  <i>Cannot use more than 8 Boolean operators and wildcards , hence the results are not filtered for below:</i>  <i>(health OR well-being OR wellness OR illnesses)</i>	415	05/06/2020	Research articles	Full text	2010-2019
PubMed	("sensor garment*" OR "electronic garment*" OR "smart garment*" OR "smart apparel") AND ( sport* OR athlet*) Year-2010-2019	5	25/06/2020  Verified again- 21/09/2021	All the studies except reviews	Full text	2010-2019

*\*SCOPUS ALL: Entering ALL("heart attack") will return documents with "heart attack" in the article title, source title, language, author, editor, affiliation, abstract, keywords, references, DOI, ISBN, ISSN, CODEN, issue, volume, publication year, sequence bank, sequence bank number, article number, chemical name, CAS registry number, manufacturer, publisher, or conference fields*

Language Filter was not used for the pilot search strategy

## SCOPUS

Advance search query:

```
ALL ( ( "sensor garment*" OR "electronic garment*" OR "smart garment*" OR "smart apparel" ) AND ( sport* OR athlet* ) AND ( health OR well-being OR wellness OR illnesses ) ) AND ( LIMIT-TO ( SRCTYPE , "j" ) ) AND ( LIMIT-TO ( DOCTYPE , "ar" ) ) AND LIMIT-TO ( PUBYEAR,2018) OR LIMIT-TO ( PUBYEAR,2017) OR LIMIT-TO ( PUBYEAR,2016) OR LIMIT-TO ( PUBYEAR,2015) OR LIMIT-TO ( PUBYEAR,2019) OR LIMIT-TO ( PUBYEAR,2014) OR LIMIT-TO ( PUBYEAR,2013) OR LIMIT-TO ( PUBYEAR,2012) OR LIMIT-TO ( PUBYEAR,2011) OR LIMIT-TO ( PUBYEAR,2010) )
```

## IEEE

### Step 01

#### Advanced Search [?](#)

Advanced Search Command Search Citation Search

Enter keywords, select fields, and select operators

Search Term  
sensor garment OR sensor garments OR electronic garmen in Full Text & Metadata [?](#)

AND Search Term  
sport% OR athlet% in Full Text & Metadata [↑](#) [×](#) [+](#)

### Step 02

#### Filtering year range & filtering the source types: Journals and conferences

Year [^](#)

Single Year Range

2010 2019

From To

2010 2019

Showing 1-25 of 117 for  
(("Full Text & Metadata":sensor garment OR sensor garments OR electronic garment OR electronic garments OR smart garment OR smart garments OR smart apparel) AND "Full Text & Metadata":sport% OR athlet%) ×  
health OR well-being OR wellness OR illnesses ×

▼ Filters Applied: 2010 - 2019 ×

<input type="checkbox"/> Conferences (74)	<input checked="" type="checkbox"/> Journals (25)	<input type="checkbox"/> Magazines (8)	<input type="checkbox"/> Books (6)
<input type="checkbox"/> Standards (3)	<input type="checkbox"/> Early Access Articles (1)		

[Apply](#) [Feedback](#)

### **Web of Science**

Advance search query:

TS=(( "sensor garment\*" OR "electronic garment\*" OR "smart garment\*" OR "smart apparel") AND (sport\* OR athlet\*))

**Refined by:** DOCUMENT TYPES: (ARTICLE)

**Timespan:** 2019-2010

### **Science Direct**

Advance search query:

(sensor OR smart OR electronic) AND (garment OR garments) AND (sport OR sports OR athlete OR athletes)

**Year:** 2010-2019

**Article Types:** Research articles

### **PubMed**

Advance search query:

("sensor garment\*" OR "electronic garment\*" OR "smart garment\*" OR "smart apparel") AND ( sport\* OR athlet\*)

**Year:** 2010-2019

**Article Types:**

All the studies except reviews