

### **Search query in Pubmed**

((("sport\*"[Title/Abstract] OR "athlet\*"[Title/Abstract]) AND (("wearable"[Title/Abstract] OR "portable"[Title/Abstract]) AND ("sensor\*"[Title/Abstract] OR "electronic\*"[Title/Abstract] OR "device\*"[Title/Abstract])) AND ("heart rate"[Title/Abstract] OR electrocardio\*"[Title/Abstract]))

### **Search query in Scopus**

TITLE-ABS (( sport\* OR athlet\* ) AND ( ( wearable OR portable ) AND ( sensor\* OR electronic\* OR device\* ) ) AND ( heart rate OR electrocardio\* ) )

### **Search query in Web of science**

TI= (( sport\* OR athlet\* ) AND ( ( wearable OR portable ) AND ( sensor\* OR electronic\* OR device\* ) ) AND ( heart rate OR electrocardio\* ) ) OR AB= ( ( sport\* OR athlet\* ) AND ( ( wearable OR portable ) AND ( sensor\* OR electronic\* OR device\* ) ) AND ( heart rate OR electrocardio\*))

The document search was conducted on February 9, 2023.