INTRODUCTION
Swimming seems to be one of the sports more studied. More than one decade ago, Clarys (1996) made an content analysis of the research about swimming. However, in these last 13 years several developments happened in the aquatic activities. In the past swimming research was dedicated almost exclusively to competitive swimming. Nowadays there are several other aquatic activities being practiced in swimming centers, such as, Aquatic exercises, Aquatic Rehabilitation, Infant swimming, etc. Swimming research is also dedicated to analyze and understand all these aquatic activities. So, we hypothesized that the main "scientific area" applied in the study of aquatic activities, in all manuscripts, was considered as being the category to analyze. The following sub-categories were defined (adapted from Clarys, 1996): (i) Biomechanics; (ii) Psychology; (iii) Sociology; (iv) Pedagogy/Teaching; (v) Anthropometry; (vi) Physiology; (vii) Thermoregulation; (viii) Hydrodynamics; (ix) Electromyography; (x) Equipment/Methodologies; (xi) Clinical Medicine in Swimming; (xii) Sports Science/Traumatology and; (xiii) Interdisciplinary assessment. Intra-assessment reliability (test and retest) was very high.

METHODS
The content of all the 622 papers published in the Proceedings books of the Symposia of Biomechanics and Medicine in Swimming from 1971 to 2006 were analyzed. For that purpose, the procedures described for content analysis by Queirós et al. (in press) were adopted.

RESULTS AND DISCUSSION
There was an increasing number of papers published within the period of time analyzed (ranging from 23 papers in 1971 to 145 manuscripts in 2006). “Biomechanics” was the sub-category of assessment most often (ranging from 27.3% in 1988 to 60% in 1979) and with 37.7% of the papers. The following sub-category was “Physiology” with 17.20%. Since 2003 it is verified an increasing number of “interdisciplinary assessment” manuscripts (e.g., 9.7% in 2003 and 21.4% in 2006, shifting from the third to second sub-category). It represents 8.52% of overall papers within the period of time analyzed.

CONCLUSION
As a conclusion, there is a significant increase in the swimming science throughout the 1971-2006 period of time. Main interest is related to “Biomechanics” and “Physiology” topics.

REFERENCES

ACKNOWLEDGE
From the Ana M Cruz to the Science and Technology Foundation (Bolsa de Integração na Investigação BII - CIDESD/UTAD).