PUBLICATIONS – LEIF SÖRNMO

I. BOOKS
1. O. Pahlm, L. Sörnmo (editors) 
Special Methods in Electrocardiography (in Swedish, 202 pages) 
2. L. Sörnmo, P. Laguna  
Bioelectrical Signal Processing in Cardiac and Neurological Applications (688 pages)  
3. P. Laguna, L. Sörnmo  
Bioelectrical Signal Processing in Cardiac and Neurological Applications–Solutions manual (125 pages)  
4. O. Pahlm, L. Sörnmo (editors)  
Electrocardiology–Clinical and Technical Aspects (in Swedish, 351 pages)  
5. L. Mainardi, L. Sörnmo, S. Cerutti (editors)  
This book can also be purchased electronically, divided into two different parts ( chapters 1–4 and 5–8).

II. BOOK CHAPTERS
9. R. Bailón, L. Sörnmo, P. Laguna, "Estimation of the ECG-derived respiration (EDR) signal from the ECG,"  


### III. INTERNATIONAL JOURNALS: ORIGINAL PAPERS


### IV. INTERNATIONAL JOURNALS: REVIEW PAPERS


### V. LETTERS & EDITORIALS


VI. CONFERENCE PAPERS
33. B. Simon, L. Sörnmo, P. Laguna, "Improved alignment in ECGs using interpolation" (in Spanish), Spanish National Meeting in Biomedical Eng., Madrid, 1996.


44. E. Carro, M. Åström, P. Laguna, B. Wohlfart, L. Sörnmo, "Vectorcardiographic loop alignment and the presence of noise" (in Spanish), Spanish National Meeting in Biomedical Eng., Valencia, Spain, 1997. (best student presentation)


60. C. Meurling, M. Stridh, L. Sörnmo, S.B. Olsson, "Can positive treatment by electrical conversion during atrial fibrillation be predicted by the degree of electrical remodeling?" Swedish National Meeting in Cardiology, Malmö, 1999.


89. E. Pueyo, J. Garcia, G. Wagner, R. Bailón, L. Sörnmo, P. Laguna, "Time course of ECG depolarization and repolarization changes during ischemia in PTCA recordings," Fourth Int. Workshop on Biosignal Interpretation (BSI02), Como, Italy, 2002.


monitoring using pressure sensors of the dialysis machine," 39th Congress of the European Society for Artificial Organs (ESAO), Rostock, Germany, 2012.


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**VII. PATENTS / PATENT APPLICATIONS**


VIII. TEACHING MATERIAL, LECTURE NOTES

IX. TECHNICAL REPORTS, AND MISCELLANEOUS

X. SOFTWARE PACKAGE, WEB SITE