

## **Acousto-mechanical instrumentation of multiscale hysteretic memristive properties of the skin with nonlinear time reversal imaging**

Dos Santos, Serge; **Lints, Martin; Masood, Ali; Salupere, Andrus** 2017 Cosmetic Measurements and Testing (COSMETIC 2017), Cergy-Pontoise, France, 6 - 7 June 2017 2017 / p. 16-19 : ill <http://dx.doi.org/10.1109/COMET.2017.8521466>

## **Can microbes on skin help linking persons and crimes?**

**Aaspöllu, Anu; Lillsaar, Triin; Tummeleht, Lea; Simm, Jaak; Metsis, Madis** Forensic science international : genetics supplement series 2011 / 1, p. e269-e270 : ill <http://dx.doi.org/doi:10.1016/j.fsigss.2011.08.131>

## **Challenges in noninvasive skin biomarker measurements in daily practice : a longitudinal study on skin surface protein detection by the transdermal analysis patch in pediatric psoriasis**

Schaap, Mirjam J.; Bruins, Finola M.; Van Den Brink, Noa J.M.; **Orro, Kadri**; Groenewoud, Hans M.M.; De Jong, Elke M.G.J.; Van Den Bogaard, Ellen H.; Seyger, Marieke M.B. Skin Pharmacology and Physiology 2022 / p. 319 - 327 <https://doi.org/10.1159/000527258>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Comparison of the carbon nanofiber-fiber- and silicone-based electrodes for bioimpedance measurements**

**Kõiv, Hip; Pesti, Ksenija; Min, Mart; Land, Raul; Must, Indrek** IEEE transactions on instrumentation and measurement 2020 / p. 1455-1463 <https://doi.org/10.1109/TIM.2019.2962297>  
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## **Electrical bioimpedance analysis for evaluating the effect of pelotherapy on the human skin : methodology and experiments**

**Metshein, Margus; Tuulik, Varje-Riin; Tuulik, Viiu; Kumm, Monika; Min, Mart; Annus, Paul** Sensors 2023 / art. 4251  
<https://doi.org/10.3390/s23094251>  
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## **Electrical impedance for estimation of irritation in oral mucosa and skin**

Ollmar, S.; **Eek, Andres**; Sundström, F.; Emtestam, L. Medical progress through technology 1995 / 1, p. 29-37

## **Fully synchronized acoustomechanical testing of skin : biomechanical measurements of nonclassical nonlinear parameters**

**Lints, Martin; Dos Santos, Serge; Kozena, Colette; Kus, Vaclav; Salupere, Andrus** 24th International Congress on Sound and Vibration 2017 (ICSV 24) : London, United Kingdom, 23-27 July 2017. Vol. 3 2017 / p. 1970-1977 : ill  
[https://www.iav.org/archives\\_icsv\\_last/2017\\_icsv24/content/papers/papers/full\\_paper\\_867\\_20170403135841549.pdf](https://www.iav.org/archives_icsv_last/2017_icsv24/content/papers/papers/full_paper_867_20170403135841549.pdf)

## **Multiscale memristive properties of skin induced by memory effects of cyclic stress-relaxation loadings : data fusion from ground truth nonlinear acousto-mechanical testing**

Dos Santos, Serge; Masood, Ali; **Lints, Martin; Salupere, Andrus**; Kozena, Colette; Kus, Vaclav ICSV 2018: 25th International Congress on Sound and Vibration (ICSV25), Hiroshima, Japan, 8-12 July, 2018 : proceedings. Vol. 1 2018 / p. 1965-1972 : ill  
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[https://www.researchgate.net/publication/326668548\\_MULTISCALE\\_MEMRISTIVE\\_PROPERTIES\\_OF\\_SKIN\\_INDUCED\\_BY\\_MEMORY\\_EFFECTS\\_OF\\_CYCLIC\\_STRESS-RELAXATION\\_LOADINGS\\_DATA\\_FUSION\\_FROM\\_GROUND\\_TRUTH\\_NONLINEAR\\_ACOUSTO-MECHANICAL\\_TESTING](https://www.researchgate.net/publication/326668548_MULTISCALE_MEMRISTIVE_PROPERTIES_OF_SKIN_INDUCED_BY_MEMORY_EFFECTS_OF_CYCLIC_STRESS-RELAXATION_LOADINGS_DATA_FUSION_FROM_GROUND_TRUTH_NONLINEAR_ACOUSTO-MECHANICAL_TESTING)

## **Non-contact measurement of skin vibrations induced by blood pressure**

**Meigas, Kalju; Lass, Jaanus; Kattai, Rain** Automatika : ATKA 1999 / 1/2, p. 31-35 : ill

## **Skin surface protein detection by transdermal analysis patches in pediatric psoriasis**

Schaap, Mirjam J.; Bruins, Finola M.; He, Xuehui; **Orro, Kadri**; Peppelman, Malou; Van Erp, Piet E. J.; De Jong, Elke M. G. J.; Koenen, Hans J. P. M.; Van Den Bogaard, Ellen H.; Seyger, Marieke M. B. Skin Pharmacology and Physiology 2021 / p. 271 - 280  
<https://doi.org/10.1159/000516110>  
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## **Skin surface vibration measurement by optical self mixing in a diode laser**

**Meigas, Kalju; Lass, Jaanus; Kattai, Rain** 8th International IMEKO Conference on Measurement in Clinical Medicine Biomedical Measurement and Instrumentation & 12th International Symposium on Biomedical Engineering, Dubrovnik, Croatia, September 16-19, 1998 : proceedings 1998 / p. 2.42-2.45: ill

## **The developmental relationship between teeth and dermal odontodes in the most primitive bony fish Lophosteus**

Chen, Donglei; Blom, Henning; Sanchez, Sophie; Tafforeau, Paul; **Märss, Tiit; Ahlberg, Per E.** eLife 2020 / art. e60985, 20 p. : ill  
<https://doi.org/10.7554/eLife.60985.sa2>