

Abnormal oil rheological properties changing by ultrasound using different power

Krapivsky, Eugene; **Sabanov, Sergei**; Kozachok, Maxim 10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 10-15, 2011 2011 / p. 127-129 : ill

Accuracy of the Mindlin model in A0 Lamb mode scattering from partial through-thickness damage

Lints, Martin; **Ratassepp, Madis** Applied Sciences (Switzerland) 2024 / art. 9351 <https://doi.org/10.3390/app14209351> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Active surveillance of patients who have sentinel node positive melanoma : an international, multinstitution evaluation of adoption and early outcomes after the Multicenter Selective Lymphadenectomy trial II (MSLTII2)

Broman, Kristy K.; Hughes, Tasha M.; Dossett, Lesly A.; Sun, James; Kirichenko, Dennis A.; Carr, Michael J.; Sharma, Avinash; Bartlett, Edmund K.; Nijhuis, Amanda AG.; Teras, Jüri; **Teras, Roland Martin** Cancer 2021 / p. 2251-2261 <https://doi.org/10.1002/cncr.33483>

Ajuinseneeria : erksuses ja rahuloleku nupp pea küljes

Strandberg, Marek Inseneeria 2015 / lk. 6 : fot https://artiklid.elnet.ee/record=b2738545*est

An analytical model for a nearfield of an ultrasonic transducer using evolution equations = Ultraheligenaatori lähisvälja kirjeldamine evolutsioonivõrrandite abil : magistritöö

Feldmann, Mati 1992 http://www.ester.ee/record=b2630616*est

Breakdown of classical models in highly damped ultrasonic propagation

Lafarge, D.; Bouchendouka, A.; Fellah, Z. E. A.; Scotti, T.; Ogam, E.; Perrot, C.; Depollier, C.; **Ratassepp, Madis**; Chrysochoidis, N. The Journal of the Acoustical Society of America 2025 / p. 2389-2403 <https://doi.org/10.1121/10.0039247>

Combinative solution processing and Li doping approach to develop p-type NiO thin films with enhanced electrical properties

Oluwabi, Abayomi Titilope; **Spalatu, Nicolae**; Maticiu, Natalia; **Katerski, Atanas**; **Mere, Arvo**; **Krunks, Malle**; **Oja Acik, Ilona** Frontiers in materials 2023 / 12 p. : ill <https://doi.org/10.3389/fmats.2023.1060420> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Computer-aided evaluation of blood vessel geometry from acoustic images

Lindström, Stefan B.; **Uhlin, Nils Fredrik Arne**; Bjarnegard, Niclas Journal of ultrasound in medicine 2018 / p. 1025-1031 : ill <https://doi.org/10.1002/jum.14439> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Dedicated to the memory of Prof. M. Sheinkman effect of ultrasonic treatment on the defect structure of the Si-SiO₂ system

Kropman, Daniel; Dolgov, Sergei; Onufrijevs, Pavels; Dauksta, Edvins Gettering and Defect Engineering in Semiconductor Technology XV 2014 / p. 352-357 : ill <https://doi.org/10.4028/www.scientific.net/SSP.205-206.352> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

Determination of inhomogeneous properties of materials by analysis of ultrasonic wave motion

Braunbrück, Andres ACTA acustica united with acustica 2014 / p. 259-265 : ill

Echo impulse method used to measure the adsorption on the ultrasounds in solids

Todoran, Radu; Blandu, Larisa; Todoran, Daniela Proceedings of the International EAA/EEAA Symposium : Transport Noise and Vibration, Tallinn, 8.06 - 10.06. 1998 1998 / p. 255-259: ill

Economically affordable anatomical kidney phantom with calyces for puncture and drainage training in interventional urology and radiology

Ristolainen, Asko; **Ross, Peeter**; **Gavšin, Juri**; Semjonov, Eero; **Kruusmaa, Maarja** Acta radiologica short reports 2014 / p. 1-7 : ill

Experimental study of ultrasonic microprocessor - based heat meters

Ragauskas, A.; Pamakstis, V. BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 141-145: ill

Fractional Fourier transform-based signal separation for ultrasonic guided wave inspection of plates

Peng, Chengxiang; **Annus, Paul**; **Rist, Marek**; **Land, Raul**; **Ratassepp, Madis** Sensors 2024 / art. 7564 <https://doi.org/10.3390/s24237564> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Gas sensing capability of spray deposited Al-doped ZnO thin films

Eensalu, Jako Siim; **Katerski, Atanas**; **Mere, Arvo**; **Krunks, Malle** Proceedings of the Estonian Academy of Sciences 2018 / p. 124-130 : ill <https://doi.org/10.3176/proc.2018.2.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Gas sensing capability of spray deposited Al-doped ZnO thin films [Online resource]

Eensalu, Jako Siim; Katerski, Atanas; Mere, Arvo; Krunks, Malle Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märtsil 2018, Tallinn : teesid] GSFMT Scientific Conference 2018 : Tallinn, March 7-8, 2018 : abstracts 2018 / 1 p <http://fmtdk.ut.ee/teesid-2018/>

Increasing the time-of-flight dynamic measurements' resolution

Ragauskas, A.; Daubaris, G.; Petkus, V.; Pamakstis, V. BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 265-268: ill

Keevisõbluste mittepurustav katsetamine [Võrguteavik] : katsetamine ultraheliga. Aktsepteerimise tasemed = Non-destructive testing of welds : ultrasonic testing. Acceptance levels (ISO 11666:2010)

2014 http://www.ester.ee/record=b4440720*est

Keevisõbluste mittepurustav katsetamine [Võrguteavik] : katsetamine ultraheliga. Meetodid, katsetamise tasemed ja hindamine = Non-destructive testing of welds : ultrasonic testing. Techniques, testing levels, and assessment (ISO 17640:2010)

2015 http://www.ester.ee/record=b4456155*est

Keevisõbluste mittepurustav katsetamine [Võrguteavik] : ultraheliga katsetamine. Meetodid, katsetasemed ja hindamine = Non-destructive testing of welds : ultrasonic testing. Techniques, testing levels, and assessment (ISO 17640:2018)

2018 https://www.ester.ee/record=b5189262*est

Model of the plugging detection in metallic pipes using ultrasonic guided waves [Electronic resource]

Ratassepp, Madis; Metsaveer, Jaan; Klauson, Aleksander Eleventh International Congress on Sound and Vibration : St.Petersburg, Russia, 5-8 July 2004 2004 / p. 1937-1942 [CD-ROM]

Optimised signal processing for nonlinear ultrasonic nondestructive testing of complex materials and biological tissues = Optimeeritud signaalitöötlus mittelineaarsete komplekssete materjalide ja bioloogiliste kudede mittepurustavaks testimiseks ultraheliga = Traitement du signal optimisé pour l'évaluation non linéaire non destructive des matériaux complexes et des tissus biologiques

Lints, Martin 2017 <https://digi.lib.ttu.ee/i/?8437> https://www.ester.ee/record=b4689325*est

Scattering of the fundamental torsional mode at an axial crack in a pipe

Ratassepp, Madis; Fletcher, Sam; Lowe, Michael John Stewart The journal of the Acoustical Society of America 2010 / 2, p. 730-740 : ill <https://pubs.aip.org/asa/jasa/article/127/2/730/917913/Scattering-of-the-fundamental-torsional-mode-at-an>

Sonolytic degradation of chlorophene enhanced by Fenton-mediated oxidation and H[•]-scavenging effect

Bolobajev, Juri; Goi, Anna Chemical engineering journal 2017 / p. 904-914 : ill <https://doi.org/10.1016/j.cej.2017.07.043> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Study of various excitation and reference signals for pulsed correlation-based ultrasound signal processing

Märtens, Olev; Saar, Tõnis; Reidla, Marko Elektronika ir elektrotehnika = Electronics and electrical engineering 2010 / 9, lk. 89-92 : ill https://www.researchgate.net/publication/268043244_Study_of_Various_Excitation_and_Reference_Signals_for_Pulsed_Correlation-based_Ultrasound_Signal_Processing

TMS320F28335-based piezosensor monitor-node

Märtens, Olev; Saar, Tõnis; Reidla, Marko EDERC2010 European DSP in Education and Research Conference : proceedings,(Nice, France, Dec 1-2, 2010) 2010 / p. 62-65 <https://ieeexplore.ieee.org/document/6151408>

Ultraheli kasutamine Grignardi reaktiivi tekkimise uurimiseks

Tuulmets, A. XVI Eesti keemiapäevad : teaduskonverentsi ettekannete referaadid = 16th Estonian chemistry days : abstracts of scientific conference 1995 / lk. 141-143

Ultrasonic distance measurement in noisy environment

Fek, M.; Möckel, S.A.; Varkonyi-Koczy, A.R. BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 113-116: ill

Ultrasonic imaging of irregularly shaped notches based on elastic reverse time migration

Rao, Jing; Saini, Abhishek; Yang, Jizhong; Ratassepp, Madis; Fan, Zheng NDT&E international 2019 / art. 102135, 5 p. : ill <https://doi.org/10.1016/j.ndteint.2019.102135> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ultrasonic sensors - an intelligent sensor principle for many applications

Magori, V. BEC : Baltic Electronics Conference : proceedings of the 4th Biennial Conference, October 9-14, 1994, Tallinn (Estonia). 1 1994 / p. 65-70: ill

Use of ultrasound reflection tomography for nondestructive testing

Jasiuniene, E.; Mažeika, L. BEC'98 : the 6th Biennial Conference on Electronics and Microsystems Technology, October 7-9, 1998, Tallinn, Estonia : proceedings 1998 / p. 345-346

Õiged toonid hävitavad vaenlase

Strandberg, Marek Inseneeria 2015 / lk. 9 : fot https://artiklid.elnet.ee/record=b2748893*est

Одномерная ультразвуковая волна в предварительно деформированной наследственно упругой среде

Ravasoo, Arvi Теория и расчет тонкостенных пространственных конструкций 1987 / с. 83-89