

Publications of Faculty of Music Technology and Acoustics Engineering 2005-2016 (via scopus)

Scopus

EXPORT DATE:10 May 2016

Potamitis, I., Rigakis, I.

Measuring the fundamental frequency and the harmonic properties of the wingbeat of a large number of mosquitoes in flight using 2D optoacoustic sensors

(2016) **Applied Acoustics**, 109, pp. 54-60.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84960933808&partnerID=40&md5=4f5f77df604c22bb3aefdaea516fa56c)

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DOI: 10.1016/j.apacoust.2016.03.005

DOCUMENT TYPE: Article

SOURCE: Scopus

Eliopoulos, P.A., Potamitis, I., Kontodimas, D.C.

Estimation of population density of stored grain pests via bioacoustic detection

(2016) **Crop Protection**, 85, pp. 71-78.

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84962428238&partnerID=40&md5=bb27afal5cebc18bab920fb95bc531a7)

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DOI: 10.1016/j.cropro.2016.04.001

DOCUMENT TYPE: Article

SOURCE: Scopus

Akoumianakis, D., Alexandraki, C., Alexiou, V., Anagnostopoulou, C., Eleftheriadis, A., Lalioti, V., Mastorakis, Y., Modas, A., Mouchtaris, A., Pavlidi, D., Polyzos, G.C., Tsakalides, P., Xylomenos, G., Zervas, P.

The MusiNet project: Addressing the challenges in Networked Music Performance systems

(2016) IISA 2015 - 6th International Conference on Information,

Intelligence, Systems and Applications, art. no. 7388002, .

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DOI: 10.1109/IISA.2015.7388002

DOCUMENT TYPE: Conference Paper

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Alexandraki, C., Bader, R.

Anticipatory Networked Communications for Live Musical Interactions of Acoustic Instruments

(2016) **Journal of New Music Research**, 45 (1), pp. 68-85.

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DOI: 10.1080/09298215.2015.1131990

DOCUMENT TYPE: Article

SOURCE: Scopus

Kaselouris, E., Nikolos, I.K., Orphanos, Y., Bakarezos, M.,

Papadogiannis, N., Tatarakis, M., Dimitriou, V.

Elastoplastic study of nanosecond-pulsed laser interaction with metallic films using 3D multiphysics fem modeling

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DOI: 10.1177/1056789515576553

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Kaselouris, E., Skarvelakis, E., Nikolos, I.K., Stavroulakis, G.E., Orphanos, Y., Bakarezos, E., Papadogiannis, N.A., Tatarakis, M., Dimitriou, V.

Simulation of the transient behavior of matter with characteristic geometrical variations & defects irradiated by nanosecond laser pulses using FEA

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[84952837292&partnerID=40&md5=4e356c22cc27ff79a3f9de40d144ac0c](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84952837292&partnerID=40&md5=4e356c22cc27ff79a3f9de40d144ac0c)

DOI: 10.4028/www.scientific.net/KEM.665.157

DOCUMENT TYPE: Conference Paper

SOURCE: Scopus

Eliopoulos, P.A., Potamitis, I., Kontodimas, D.C., Givropoulou, E.G. Detection of Adult Beetles Inside the Stored Wheat Mass Based on Their Acoustic Emissions

(2015) **Journal of Economic Entomology**, 108 (6), pp. 2808-2814. Cited 1 time.

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Potamitis, I., Rigakis, I., Fysarakis, K.

Insect biometrics: Optoacoustic signal processing and its applications to remote monitoring of McPhail type traps

(2015) **PLoS ONE**, 10 (11), art. no. e0140474, . Cited 2 times.

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DOI: 10.1371/journal.pone.0140474

DOCUMENT TYPE: Article

SOURCE: Scopus

Dimitriou, V., Kaselouris, E., Orphanos, Y., Bakarezos, M., Vainos, N., Tatarakis, M., Papadogiannis, N.A.

Erratum: "three dimensional transient behavior of thin films surface under pulsed laser excitation" (Applied Physics Letters (103) 114104 (2013))

(2015) **Applied Physics Letters**, 107 (17), art. no. 179901, .

[https://www.scopus.com/inward/record.uri?eid=2-s2.0-](https://www.scopus.com/inward/record.uri?eid=2-s2.0-84945925942&partnerID=40&md5=c9a1910e5f422c7cb06282ad435aa58f)

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DOI: 10.1063/1.4934692

DOCUMENT TYPE: Erratum

SOURCE: Scopus

Zervas, P., Alexandraki, C.

Facilitating open source software and standards to assembly a platform for networked music performance

(2015) *Emerging Research on Networked Multimedia Communication Systems*, pp. 334-365.

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DOI: 10.4018/978-1-4666-8850-6.ch011

DOCUMENT TYPE: Book Chapter

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Publications of Faculty of Music Technology and Acoustics Engineering 2005-2016 (via scopus)

Potamitis, I., Rigakis, I.

Novel Noise-Robust Optoacoustic Sensors to Identify Insects Through Wingbeats

(2015) **IEEE Sensors Journal**, 15 (8), art. no. 7091854, pp. 4621-4631. Cited 2 times.

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Unsupervised dictionary extraction of bird vocalisations and new tools on assessing and visualising bird activity

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DOI: 10.1016/j.ecoinf.2015.01.002

DOCUMENT TYPE: Article

SOURCE: Scopus

Tzianaki, E., Bakarezos, M., Tsibidis, G.D., Orphanos, Y., Loukakos, P.A., Kosmidis, C., Patsalas, P., Tatarakis, M., Papadogiannis, N.A. High acoustic strains in Si through ultrafast laser excitation of Ti thin-film transducers

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DOI: 10.1364/OE.23.017191

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Fitilis, I., Skoulakis, A., Kaselouris, E., Nikolos, I.K., Bakarezos, E., Papadogiannis, N.A., Dimitriou, V., Tatarakis, M.

Diagnosing the initial stages from solid to plasma phase for dense plasma explosions

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DOCUMENT TYPE: Conference Paper

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Potamitis, I., Rigakis, I., Fysarakis, K.

The electronic McPhail trap

(2014) **Sensors** (Switzerland), 14 (12), pp. 22285-22299. Cited 4 times.

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Potamitis, I., Ntalampiras, S., Jahn, O., Riede, K.
Automatic bird sound detection in long real-field recordings:
Applications and tools
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DOI: 10.1016/j.apacoust.2014.01.001
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Automatic classification of a taxon-rich community recorded in the wild
(2014) **PLoS ONE**, 9 (5), art. no. e96936, . Cited 11 times.
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SOURCE: Scopus

Alexandraki, C., Bader, R.
Using computer accompaniment to assist networked music performance
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Potamitis, I., Rigakis, I., Fysarakis, K.
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DOI: 10.3390/s141222285
DOCUMENT TYPE: Article
SOURCE: Scopus

Kaselouris, E., Nikolos, I.K., Orphanos, Y., Bakarezos, E., Vainos, N., Papadogiannis, N.A., Tatarakis, M., Dimitriou, V.
3D multiphysics fem modeling of nanosecond pulsed laser interaction with metallic films
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Potamitis, I.
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Ntalampiras, S., Potamitis, I.

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DOCUMENT TYPE: Conference Paper

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Dimitriou, V., Kaselouris, E., Orphanos, Y., Bakarezos, M., Vainos, N., Nikolos, I.K., Tatarakis, M., Papadogiannis, N.A.

The thermo-mechanical behavior of thin metal films under nanosecond laser pulse excitation above the thermoelastic regime

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DOI: 10.1007/s00339-014-8792-6

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SOURCE: Scopus

Akoumianakis, D., Ktistakis, G., Vlachakis, G., Zervas, P., Alexandraki, C.

Collaborative music making as 'remediated' practice: Blending boundary objects and cloud services

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Three dimensional transient behavior of thin films surface under pulsed laser excitation

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Alexandraki, C., Bader, R.

Real-time concatenative synthesis for networked musical interactions
(2013) Proceedings of Meetings on Acoustics, 19, art. no. 035040, 9
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SOURCE: Scopus

Orphanos, Y., Dimitriou, V., Kaselouris, E., Bakarezos, E., Vainos, N., Tatarakis, M., Papadogiannis, N.A.

An integrated method for material properties characterization based on pulsed laser generated surface acoustic waves

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DOCUMENT TYPE: Article

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Dimitriou, V., Kaselouris, E., Orphanos, Y., Bakarezos, E., Vainos, N., Nikolos, I.K., Papadogiannis, N.A., Tatarakis, M.

Matter dynamics under the interaction with laser pulses in the thermoelastic & plasma regimes

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Comparison of three models of fish swimbladder sound production mechanism

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Ntalampiras, S., Potamitis, I.

Detection of human activities in natural environments based on their acoustic emissions

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Benis, E.P., Bakarezos, M., Papadogiannis, N.A., Tatarakis, M.,
Divanis, S., Broin, C., Nikolopoulos, L.A.A.
Role of broadband-laser-pulse temporal extent in H 2 +
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