

**Data augmentation approaches for improving animal audio classification**

Nanni, L., Maguolo, G. & Paci, M., 2020, In : *Ecological Informatics*. 57, 8 p., 101084.

Research output: Contribution to journal › Article › Scientific › peer-review

**Very sharp diffraction peak in nonglass-forming liquid with the formation of distorted tetraclusters**

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Research output: Contribution to journal › Article › Scientific › peer-review

**PRBS-based loop gain identification and output impedance shaping in DC microgrid power converters**

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**Vehicle Attribute Recognition by Appearance: Computer Vision Methods for Vehicle Type, Make and Model Classification**

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**Hysteresis and eddy-current losses in electrical steel utilising edge degradation due to cutting effects**

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**Automatic word count estimation from daylong child-centered recordings in various language environments using language-independent syllabification of speech**

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**Pneumatic unidirectional cell stretching device for mechanobiological studies of cardiomyocytes**

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**Reduced level of docosahexaenoic acid shifts GPCR neuroreceptors to less ordered membrane regions**

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**Cuts for 3-D magnetic scalar potentials: Visualizing unintuitive surfaces arising from trivial knots**

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**Digital Predistortion for 5G Small Cell: GPU Implementation and RF Measurements**

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**Continuum approach to high-cycle fatigue. The finite life-time case with stochastic stress history**  
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**Model for evaluating additive manufacturing feasibility in end-use production**  
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**Toward Efficient Execution of RVC-CAL Dataflow Programs on Multicore Platforms**  
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**Assessment of mutation probabilities of KRAS G12 missense mutants and their long-timescale dynamics by atomistic molecular simulations and Markov state modeling**  
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**Towards generic embedded multiprocessing for RVC-CAL dataflow programs**

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#### **Improved Session Continuity in 5G NR with Joint Use of Multi-Connectivity and Guard Bandwidth**

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### **Knowledge-based artificial neural network (KB-ANN) in engineering: Associating functional architecture modeling, dimensional analysis and causal graphs to produce optimized topologies for KB-ANNs**

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