Patent Selections

The Patents annotated in this section have been selected from various Patent databases. These recent Patents are relevant to the articles published in this journal issue, categorized by different computation methods, bioinformatics, medical informatics, computer graphics, artificial intelligence, cybernetics, hardware architectures, software, theory and methods involved and related to computer science.

MACHINE LEARNING

Uchigaito, H., Machine learning system. **US2021012231A1 (2021).**


DATA SCIENCE


DATA ANALYTICS


EMAIL FRAUD ATTACK DETECTION


BIOMETRIC TEMPLATES

Trelin, J., Biometric template translation. **US2021034728A1 (2021).**


DEEP LEARNING


Niemasik, J., Plakal, M., Systems and methods that leverage deep learning to selectively store audiovisual content. **EP3759612A1 (2021).**

Kim, K. H., Method for generating training data to be used for training deep learning network capable of analyzing images and auto labeling device using the same. **US10885388B1 (2021).**

SPAM DETECTION FRAMEWORK

Thakur, S., Identifying spam using near-duplicate detection for text and images. **US2021014270A1 (2021).**

WHALE OPTIMIZATION ALGORITHM


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Boniardi, M., Tortorelli, I., Neural network memory. **US2021004714A1 (2021).**


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CLOUD COMPUTING


Nassaur, D., Facilitating cloud native edge computing via behavioral intelligence. **US2021011699A1 (2021).**

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**CRYPTOGRAPHY**


Islamov, R., Secret material exchange and authentication cryptography operations. *US202102892A1 (2021).*

**DATA SECURITY**

Kumar, K., Mordani, R., Myneni, S., User behavior based security in a software defined data center. *US2021006542A1 (2021).*

**FALSE ALARM PREDICTIVE THRESHOLD**


**CLOUD SERVICE PROVIDERS**

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**BIOMETRIC TEMPLATE PROTECTION METHODS**

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**BLOB DATASET**

Armbrust, M. P., Yavuz, B., Zhu, S., Update and query of a large collection of files that represent a single dataset stored on a blob store. *US2021011901A1 (2021).*

**SK-CLUSTERING ALGORITHM**


**CAPTCHA BASED DYNAMIC PASSWORD**


**RANDOM FOREST**

Fujiwara, Y., Random forest computation device, random forest computation method, and random forest computation program. *WO2021005786A1 (2021).*

**SOFTWARE-DEFINED SECURITY**

Kumar, K., Mordani, R., Myneni, S., User Behavior based security in a software defined data center. *US2021006542A1 (2021).*