

Szilágyi László

Lista de lucrări

Lucrările cele mai relevante

- i. Szepesi P, **Szilágyi L**: Detection of pneumonia using convolutional neural networks and deep learning. *BIOCYBERNETICS AND BIOMEDICAL ENGINEERING* 42:1012-1022, 2022, IF: 6.4
- ii. Lehotsky Á, **Szilágyi L**, Bánsághi Sz, Szerémy P, Wéber Gy, Haidegger T: Towards objective hand hygiene technique assessment – validation of the UV dye based hand rubbing quality assessment procedure. *JOURNAL OF HOSPITAL INFECTION* 97(1):26-29, 2017, ISSN 0195-6701, IF: 3.354
- iii. **Szilágyi L**, Szilágyi SM: A modified two-stage Markov clustering algorithm for large and sparse networks. *COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE* 135:15-26, 2016, ISSN 0169-2607, IF: 2.503
- iv. Lehotsky Á, **Szilágyi L**, Ferenci T, Kovács L, Pethes R, Wéber Gy, Haidegger T: Quantitative impact of direct, personal feedback on hand hygiene technique. *JOURNAL OF HOSPITAL INFECTION* 91(1):81–84, 2015, ISSN 0195-6701, IF: 2.655
- v. **Szilágyi L**, Szilágyi SM: Generalization rules for the suppressed fuzzy c-means algorithm. *NEUROCOMPUTING* 139:298–309, 2014, ISSN 0925-2312, IF: 2.083
- vi. Szilágyi SM, **Szilágyi L**: A fast hierarchical clustering algorithm for large-scale protein sequence data sets. *COMPUTERS IN BIOLOGY AND MEDICINE* 48:94–101, 2014, ISSN 0010-4825, IF: 1.240
- vii. **Szilágyi L**: Lessons to learn from a mistaken optimization. *PATTERN RECOGNITION LETTERS* 36(1):29–35, 2014, ISSN 0167-6855, IF: 1.551
- viii. **Szilágyi L**, Haidegger T, Lehotsky Á, Nagy M, Csonka EA, Sun XY, Ooi KL, Fisher D: A large-scale assessment of hand hygiene quality and the effectiveness of the “WHO 6-steps”. *BMC INFECTIOUS DISEASES* 13(249):1-10, 2013, ISSN 1471-2334, IF: 2.561
- ix. **Szilágyi L**: Robust spherical shell clustering using fuzzy-possibilistic product partition. *INTERNATIONAL JOURNAL OF INTELLIGENT SYSTEMS* 28(6):524-539, 2013, ISSN 1098-111X, IF: 1.411
- x. **Szilágyi L**, Szilágyi SM, Benyó B: Efficient inhomogeneity compensation using fuzzy c-means clustering models. *COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE* 108(1):80-89, 2012, ISSN 0169-2607, IF: 1.555
- xi. **Szilágyi L**, Szilágyi SM, Benyó Z: Analytical and numerical evaluation of the suppressed fuzzy c-means algorithm: a study on the competition in c-means clustering models. *SOFT COMPUTING* 14(5):495-505, 2010, ISSN 1432-7643, IF: 1.512

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Cărți și capitole

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