

- Chen, Ke ja Zhaoxiang Zhang. "A Primal Neural Network for Online Equality-Constrained Quadratic Programming". *Cognitive Computation*. 2018, 10(2). 381–388. <https://doi.org/10.1007/s12559-017-9510-4>
- Miinalainen, Tuuli et al. "A realistic, accurate and fast source modeling approach for the EEG forward problem". *NeuroImage*. 2019, 184(1). 56-67. <https://doi.org/10.1016/j.neuroimage.2018.08.054>
- Mokkila, Sini et al. "Calcium Assists Dopamine Release by Preventing Aggregation on the Inner Leaflet of Presynaptic Vesicles". *ACS Chemical Neuroscience*. 2017, 8(6). 1242-1250. <https://doi.org/10.1021/acscchemneuro.6b00395>
- Waris, Muhammad Adeel, Alexandros Iosifidis, ja Moncef Gabbouj. "CNN-based edge filtering for object proposals". *Neurocomputing*. 2017, 266. 631-640. <https://doi.org/10.1016/j.neucom.2017.05.071>
- Gavas, Rahul D. et al. "Cognitive load and metacognitive confidence extraction from pupillary response". *Cognitive Systems Research*. 2018, 52. 325-334. <https://doi.org/10.1016/j.cogsys.2018.07.021>
- Möttönen, T. et al. "Defining the anterior nucleus of the thalamus (ANT) as a deep brain stimulation target in refractory epilepsy: Delineation using 3 T MRI and intraoperative microelectrode recording". *NeuroImage: Clinical*. 2015, 7. 823-829. <https://doi.org/10.1016/j.nicl.2015.03.001>
- Iosifidis, Alexandros, Anastasios Tefas ja Ioannis Pitas. "Distance-based human action recognition using optimized class representations". *Neurocomputing*. 2015, 161. 47-55. <https://doi.org/10.1016/j.neucom.2014.10.088>
- Iosifidis, Alexandros, Anastasios Tefas ja Ioannis Pitas. "DropELM: Fast neural network regularization with Dropout and DropConnect". *Neurocomputing*. 2015, 162. 57-66. <https://doi.org/10.1016/j.neucom.2015.04.006>
- Iosifidis, Alexandros. "Extreme learning machine based supervised subspace learning". *Neurocomputing*. 2015, 167. 158–164. <https://doi.org/10.1016/j.neucom.2015.04.083>
- Pajarinen, Joni, Jaakko Peltonen ja Mikko A. Uusitalo. "Fault tolerant machine learning for nanoscale cognitive radio". *Neurocomputing*. 2011, 74(5). 753-764. <https://doi.org/10.1016/j.neucom.2010.10.007>
- Sun, Lihua et al. "Human anterior thalamic nuclei are involved in emotion-attention interaction". *NEUROPSYCHOLOGIA*. 2015, 78. 88-94. <https://doi.org/10.1016/j.neuropsychologia.2015.10.001>
- Rimpiläinen, Ville et al. "Improved EEG source localization with Bayesian uncertainty modelling of unknown skull conductivity". *NeuroImage*. 2019, 188. 252-260. <https://doi.org/10.1016/j.neuroimage.2018.11.058>
- Tran, Dat Thanh, Alexandros Iosifidis, ja Moncef Gabbouj. "Improving efficiency in convolutional neural networks with multilinear filters". *Neural Networks*. 2018, 105. 328-339. <https://doi.org/10.1016/j.neunet.2018.05.017>
- Sciacca, Michele F.M. et al. "Inhibition of A β Amyloid Growth and Toxicity by Silybins: The Crucial Role of Stereochemistry". *ACS Chemical Neuroscience*. 2017, 8(8). 1767-1778. <https://doi.org/10.1021/acscchemneuro.7b00110>
- Iosifidis, Alexandros, Anastasios Tefas ja Ioannis Pitas. "Learning sparse representations for view-independent human action recognition based on fuzzy distances". *Neurocomputing*. 2013, 121. 344-353. <https://doi.org/10.1016/j.neucom.2013.05.021>
- Lolicato, Fabio et al. "Membrane-Dependent Binding and Entry Mechanism of Dopamine into Its Receptor". *ACS Chemical Neuroscience*. 2020, 11(13). 1914–1924. <https://doi.org/10.1021/acscchemneuro.9b00656>
- Iantovics, Laszlo Barna, Frank Emmert-Streib ja Sabri Arik. "MetrIntMeas a novel metric for measuring the intelligence of a swarm of cooperating agents". *Cognitive Systems Research*. 2017, 45. 17-29. <https://doi.org/10.1016/j.cogsys.2017.04.006>

Wortha, Silke M. et al. "Neurofunctional plasticity in fraction learning: An fMRI training study". *Trends in Neuroscience and Education*. 2020. 21. <https://doi.org/10.1016/j.tine.2020.100141>

Xiao, Lin et al. "Nonlinear recurrent neural networks for finite-time solution of general time-varying linear matrix equations" . *Neural Networks*. 2018, 98. 102-113. <https://doi.org/10.1016/j.neunet.2017.11.011>

Moradi, Elaheh et al. "Predicting symptom severity in autism spectrum disorder based on cortical thickness measures in agglomerative data". *NeuroImage*. 2017, 144(A). 128–141. <https://doi.org/10.1016/j.neuroimage.2016.09.049>

Iosifidis, Alexandros, Anastasios Tefas ja Ioannis Pitas. "Regularized extreme learning machine for multi-view semi-supervised action recognition". *Neurocomputing*. 2014, 145. 250-262. <https://doi.org/10.1016/j.neucom.2014.05.036>

Bron, Esther E. et al. "Standardized evaluation of algorithms for computer-aided diagnosis of dementia based on structural MRI: The CADDementia challenge". *NeuroImage*. 2015, 111. 562-579. <https://doi.org/10.1016/j.neuroimage.2015.01.048>

Angleraud, Alexandre, Quentin Houbre, ja Roel Pieters. "Teaching semantics and skills for human-robot collaboration". *Paladyn*. 2019, 10(1). 318-329. <https://doi.org/10.1515/pjbr-2019-0025>

Faisal, Ali et al. "Transfer learning using a nonparametric sparse topic model". *Neurocomputing*. 2013, 112. 124-137. <https://doi.org/10.1016/j.neucom.2012.12.038>

Angleraud, Alexandre et al. "Human-robot interactive learning architecture using ontologies and symbol manipulation". *RO-MAN 2018 - 27th IEEE International Symposium on Robot and Human Interactive Communication: August 27-31, 2018, Nanjing, China.. IEEE RO-MAN*. IEEE. 2018, 384-389. <https://doi.org/10.1109/ROMAN.2018.8525580>