

Chen K, Zhang Z. **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 T, Rezaei A, Us D, Nüßing A, Engwer C, Wolters CH 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 S, Postila PA, Rissanen S, Juhola H, Vattulainen I, Róg T. **Calcium Assists Dopamine Release by Preventing Aggregation on the Inner Leaflet of Presynaptic Vesicles**. ACS Chemical Neuroscience. 2017 kesä 21;8(6):1242-1250. <https://doi.org/10.1021/acscchemneuro.6b00395>

Waris MA, Iosifidis A, Gabbouj M. **CNN-based edge filtering for object proposals**. Neurocomputing. 2017 kesä 2;266:631-640. <https://doi.org/10.1016/j.neucom.2017.05.071>

Gavas RD, Tripathy SR, Chatterjee D, Sinha A. **Cognitive load and metacognitive confidence extraction from pupillary response**. Cognitive Systems Research. 2018 joulu 1;52:325-334. <https://doi.org/10.1016/j.cogsys.2018.07.021>

Möttönen T, Katisko J, Haapasalo J, Tähtinen T, Kiekara T, Kähärä V 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 A, Tefas A, Pitas I. **Distance-based human action recognition using optimized class representations**. Neurocomputing. 2015 elo 5;161:47-55. <https://doi.org/10.1016/j.neucom.2014.10.088>

Iosifidis A, Tefas A, Pitas I. **DropELM: Fast neural network regularization with Dropout and DropConnect**. Neurocomputing. 2015 elo 25;162:57-66. <https://doi.org/10.1016/j.neucom.2015.04.006>

Iosifidis A. **Extreme learning machine based supervised subspace learning**. Neurocomputing. 2015;167:158–164. <https://doi.org/10.1016/j.neucom.2015.04.083>

Pajarinen J, Peltonen J, Uusitalo MA. **Fault tolerant machine learning for nanoscale cognitive radio**. Neurocomputing. 2011 helmi;74(5):753-764. <https://doi.org/10.1016/j.neucom.2010.10.007>

Sun L, Peräkylä J, Polvivaara M, Öhman J, Peltola J, Lehtimäki K et al. **Human anterior thalamic nuclei are involved in emotion-attention interaction**. NEUROPSYCHOLOGIA. 2015 marras 1;78:88-94. <https://doi.org/10.1016/j.neuropsychologia.2015.10.001>

Rimpiläinen V, Koulouri A, Lucka F, Kaipio JP, Wolters CH. **Improved EEG source localization with Bayesian uncertainty modelling of unknown skull conductivity**. NeuroImage. 2019 maaliskuu 1;188:252-260. <https://doi.org/10.1016/j.neuroimage.2018.11.058>

Tran DT, Iosifidis A, Gabbouj M. **Improving efficiency in convolutional neural networks with multilinear filters**. Neural Networks. 2018 syys 1;105:328-339. <https://doi.org/10.1016/j.neunet.2018.05.017>

Sciaccia MFM, Romanucci V, Zarrelli A, Monaco I, Lolicato F, Spinella N et al. **Inhibition of A β Amyloid Growth and Toxicity by Silybins: The Crucial Role of Stereochemistry**. ACS Chemical Neuroscience. 2017 elo 16;8(8):1767-1778. <https://doi.org/10.1021/acscchemneuro.7b00110>

Iosifidis A, Tefas A, Pitas I. **Learning sparse representations for view-independent human action recognition based on fuzzy distances**. Neurocomputing. 2013 joulu 9;121:344-353. <https://doi.org/10.1016/j.neucom.2013.05.021>

Lolicato F, Juhola H, Zak A, Postila PA, Saukko A, Rissanen S 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 LB, Emmert-Streib F, Arik S. **MetrlntMeas a novel metric for measuring the intelligence of a swarm of cooperating agents**. Cognitive Systems Research. 2017 loka 1;45:17-29. <https://doi.org/10.1016/j.cogsys.2017.04.006>

Wortha SM, Bloechle J, Ninaus M, Kiili K, Lindstedt A, Bahnmüller J et al. **Neurofunctional plasticity in fraction learning: An fMRI training study**. Trends in Neuroscience and Education. 2020 joulu 1;21. 100141. <https://doi.org/10.1016/j.tine.2020.100141>

Xiao L, Liao B, Li S, Chen K. **Nonlinear recurrent neural networks for finite-time solution of general time-varying linear matrix equations**. Neural Networks. 2018 helmi;98:102-113. <https://doi.org/10.1016/j.neunet.2017.11.011>

Moradi E, Khundrakpam B, Lewis JD, Evans AC, Tohka J. **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 A, Tefas A, Pitas I. **Regularized extreme learning machine for multi-view semi-supervised action recognition**. Neurocomputing. 2014 joulu 5;145:250-262. <https://doi.org/10.1016/j.neucom.2014.05.036>

Bron EE, Smits M, van der Flier WM, Vrenken H, Barkhof F, Scheltens P et al. **Standardized evaluation of algorithms for computer-aided diagnosis of dementia based on structural MRI: The CADDementia challenge**. NeuroImage. 2015 touko 1;111:562-579. <https://doi.org/10.1016/j.neuroimage.2015.01.048>

Angleraud A, Houbre Q, Pieters R. **Teaching semantics and skills for human-robot collaboration**. Paladyn. 2019;10(1):318-329. <https://doi.org/10.1515/pjbr-2019-0025>

Faisal A, Gillberg J, Leen G, Peltonen J. **Transfer learning using a nonparametric sparse topic model**. Neurocomputing. 2013 heinä 18;112:124-137. <https://doi.org/10.1016/j.neucom.2012.12.038>

Angleraud A, Houbre Q, Kyrki V, Pieters R. **Human-robot interactive learning architecture using ontologies and symbol manipulation**. julkaisussa RO-MAN 2018 - 27th IEEE International Symposium on Robot and Human Interactive Communication: August 27-31, 2018, Nanjing, China.. IEEE. 2018. s. 384-389. (IEEE RO-MAN). <https://doi.org/10.1109/ROMAN.2018.8525580>