Chen, K & Zhang, Z 2018, 'A Primal Neural Network for Online Equality-Constrained Quadratic Programming', *Cognitive Computation*, Vuosikerta. 10, Nro 2, Sivut 381–388. https://doi.org/10.1007/s12559-017-9510-4

Miinalainen, T, Rezaei, A, Us, D, Nüßing, A, Engwer, C, Wolters, CH & Pursiainen, S 2019, 'A realistic, accurate and fast source modeling approach for the EEG forward problem', *NeuroImage*, Vuosikerta. 184, Nro 1, Sivut 56-67. https://doi.org/10.1016/j.neuroimage.2018.08.054

Mokkila, S, Postila, PA, Rissanen, S, Juhola, H, Vattulainen, I & Róg, T 2017, 'Calcium Assists Dopamine Release by Preventing Aggregation on the Inner Leaflet of Presynaptic Vesicles', *ACS Chemical Neuroscience*, Vuosikerta. 8, Nro 6, Sivut 1242-1250. https://doi.org/10.1021/acschemneuro.6b00395

Waris, MA, Iosifidis, A & Gabbouj, M 2017, 'CNN-based edge filtering for object proposals', *Neurocomputing*, Vuosikerta. 266, Sivut 631-640. https://doi.org/10.1016/j.neucom.2017.05.071

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

Möttönen, T, Katisko, J, Haapasalo, J, Tähtinen, T, Kiekara, T, Kähärä, V, Peltola, J, Öhman, J & Lehtimäki, K 2015, ' 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*, Vuosikerta. 7, Sivut 823-829. https://doi.org/10.1016/j.nicl.2015.03.001

Iosifidis, A, Tefas, A & Pitas, I 2015, 'Distance-based human action recognition using optimized class representations', *Neurocomputing*, Vuosikerta. 161, Sivut 47-55. https://doi.org/10.1016/j.neucom.2014.10.088

Iosifidis, A, Tefas, A & Pitas, I 2015, 'DropELM: Fast neural network regularization with Dropout and DropConnect', *Neurocomputing*, Vuosikerta. 162, Sivut 57-66. https://doi.org/10.1016/j.neucom.2015.04.006

Iosifidis, A 2015, 'Extreme learning machine based supervised subspace learning', *Neurocomputing*, Vuosikerta. 167, Sivut 158–164. https://doi.org/10.1016/j.neucom.2015.04.083

Pajarinen, J, Peltonen, J & Uusitalo, MA 2011, 'Fault tolerant machine learning for nanoscale cognitive radio', *Neurocomputing*, Vuosikerta. 74, Nro 5, Sivut 753-764. https://doi.org/10.1016/j.neucom.2010.10.007

Sun, L, Peräkylä, J, Polvivaara, M, Öhman, J, Peltola, J, Lehtimäki, K, Huhtala, H & Hartikainen, KM 2015, 'Human anterior thalamic nuclei are involved in emotion-attention interaction', *NEUROPSYCHOLOGIA*, Vuosikerta. 78, Sivut 88-94. https://doi.org/10.1016/j.neuropsychologia.2015.10.001

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

Tran, DT, Iosifidis, A & Gabbouj, M 2018, 'Improving efficiency in convolutional neural networks with multilinear filters', *Neural Networks*, Vuosikerta. 105, Sivut 328-339. https://doi.org/10.1016/j.neunet.2018.05.017

Sciacca, MFM, Romanucci, V, Zarrelli, A, Monaco, I, Lolicato, F, Spinella, N, Galati, C, Grasso, G, D'Urso, L, Romeo, M, Diomede, L, Salmona, M, Bongiorno, C, Di Fabio, G, La Rosa, C & Milardi, D 2017, 'Inhibition of Aβ Amyloid Growth and Toxicity by Silybins: The Crucial Role of Stereochemistry', *ACS Chemical Neuroscience*, Vuosikerta. 8, Nro 8, Sivut 1767-1778. https://doi.org/10.1021/acschemneuro.7b00110

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

Lolicato, F, Juhola, H, Zak, A, Postila, PA, Saukko, A, Rissanen, S, Enkavi, G, Vattulainen, I, Kepczynski, M & Róg, T 2020, 'Membrane-Dependent Binding and Entry Mechanism of Dopamine into Its Receptor', *ACS Chemical Neuroscience* , Vuosikerta. 11, Nro 13, Sivut 1914–1924. https://doi.org/10.1021/acschemneuro.9b00656

Iantovics, LB, Emmert-Streib, F & Arik, S 2017, 'MetrIntMeas a novel metric for measuring the intelligence of a swarm of cooperating agents', *Cognitive Systems Research*, Vuosikerta. 45, Sivut 17-29. https://doi.org/10.1016/j.cogsys.2017.04.006

Wortha, SM, Bloechle, J, Ninaus, M, Kiili, K, Lindstedt, A, Bahnmueller, J, Moeller, K & Klein, E 2020, 'Neurofunctional plasticity in fraction learning: An fMRI training study', *Trends in Neuroscience and Education*, Vuosikerta. 21, 100141. https://doi.org/10.1016/j.tine.2020.100141

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

Moradi, E, Khundrakpam, B, Lewis, JD, Evans, AC & Tohka, J 2017, 'Predicting symptom severity in autism spectrum disorder based on cortical thickness measures in agglomerative data', *NeuroImage*, Vuosikerta. 144, Nro A, Sivut 128–141. https://doi.org/10.1016/j.neuroimage.2016.09.049

Iosifidis, A, Tefas, A & Pitas, I 2014, 'Regularized extreme learning machine for multi-view semi-supervised action recognition', *Neurocomputing*, Vuosikerta. 145, Sivut 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, Papma, JM, Steketee, RME, Méndez Orellana, C, Meijboom, R, Pinto, M, Meireles, JR, Garrett, C, Bastos-Leite, AJ, Abdulkadir, A, Ronneberger, O, Amoroso, N, Bellotti, R, Cárdenas-Peña, D, Álvarez-Meza, AM, Dolph, CV, Iftekharuddin, KM, Eskildsen, SF, Coupé, P, Fonov, VS, Franke, K, Gaser, C, Ledig, C, Guerrero, R, Tong, T, Gray, KR, Moradi, E, Tohka, J, Routier, A, Durrleman, S, Sarica, A, Di Fatta, G, Sensi, F, Chincarini, A, Smith, GM, Stoyanov, ZV, Sørensen, L, Nielsen, M, Tangaro, S, Inglese, P, Wachinger, C, Reuter, M, van Swieten, JC, Niessen, WJ & Klein, S 2015, 'Standardized evaluation of algorithms for computer-aided diagnosis of dementia based on structural MRI: The CADDementia challenge', *NeuroImage*, Vuosikerta. 111, Sivut 562-579. https://doi.org/10.1016/j.neuroimage.2015.01.048

Angleraud, A, Houbre, Q & Pieters, R 2019, 'Teaching semantics and skills for human-robot collaboration', *Paladyn*, Vuosikerta. 10, Nro 1, Sivut 318-329. https://doi.org/10.1515/pjbr-2019-0025

Faisal, A, Gillberg, J, Leen, G & Peltonen, J 2013, 'Transfer learning using a nonparametric sparse topic model', *Neurocomputing*, Vuosikerta. 112, Sivut 124-137. https://doi.org/10.1016/j.neucom.2012.12.038

Angleraud, A, Houbre, Q, Kyrki, V & Pieters, R 2018, 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 RO-MAN, IEEE, Sivut 384-389, IEEE INTERNATIONAL SYMPOSIUM ON ROBOT AND HUMAN INTERACTIVE COMMUNICATION, 1/01/00. https://doi.org/10.1109/ROMAN.2018.8525580