# Hieu Trung Huynh

List of Publications by Year
in descending order

| 32 papers | 379 citations | 1162889<br>8<br>h-index | 1199470<br>12<br>g-index |
|---|---|---|---|
| 33 all docs | 33 docs citations | 33 times ranked | 543 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Regularized online sequential learning algorithm for single-hidden layer feedforward neural networks. Pattern Recognition Letters, 2011, 32, 1930-1935. | 2.6 | 105 |
| 2 | AN IMPROVEMENT OF EXTREME LEARNING MACHINE FOR COMPACT SINGLE-HIDDEN-LAYER FEEDFORWARD NEURAL NETWORKS. International Journal of Neural Systems, 2008, 18, 433-441. | 3.2 | 65 |
| 3 | Computerized Liver Volumetry on MRI by Using 3D Geodesic Active Contour Segmentation. American Journal of Roentgenology, 2014, 202, 152-159. | 1.0 | 38 |
| 4 | Liver Tumor Segmentation from MR Images Using 3D Fast Marching Algorithm and Single Hidden Layer Feedforward Neural Network. BioMed Research International, 2016, 2016, 1-8. | 0.9 | 23 |
| 5 | Fully automated MR liver volumetry using watershed segmentation coupled with active contouring. International Journal of Computer Assisted Radiology and Surgery, 2017, 12, 235-243. | 1.7 | 21 |
| 6 | Training Single Hidden Layer Feedforward Neural Networks by Singular Value Decomposition. , 2009, , . | | 13 |
| 7 | Joint Age Estimation and Gender Classification of Asian Faces Using Wide ResNet. SN Computer Science, 2020, 1, 284. | 2.3 | 12 |
| 8 | Fully automatic scheme for measuring liver volume in 3D MR images. Bio-Medical Materials and Engineering, 2015, 26, S1361-S1369. | 0.4 | 10 |
| 9 | DNA Microarray Classification with Compact Single Hidden-Layer FeedForward Neural Networks. , 2007, , . | | 9 |
| 10 | Performance Comparison of SLFN Training Algorithms for DNA Microarray Classification. Advances in Experimental Medicine and Biology, 2011, 696, 135-143. | 0.8 | 9 |
| 11 | Nonparametric maximum likelihood estimation using neural networks. Pattern Recognition Letters, 2020, 138, 580-586. | 2.6 | 8 |
| 12 | Online training for single hidden-layer feedforward neural networks using RLS-ELM. , 2009, , . | | 7 |
| 13 | Coronary Vessel Segmentation by Coarse-to-Fine Strategy Using U-nets. BioMed Research International, 2021, 2021, 1-10. | 0.9 | 7 |
| 14 | Computerized segmentation of liver in hepatic CT and MRI by means of level-set geodesic active contouring. , 2013, 2013, 2984-7. | | 6 |
| 15 | Evolutionary algorithm for training compact single hidden layer feedforward neural networks. , 2008, , . | | 5 |
| 16 | Extreme Learning Machine with Fuzzy Activation Function. , 2009, , . | | 5 |
| 17 | A Deep Learning Method for Lung Segmentation on Large Size Chest X-Ray Image. , 2019, , . | | 5 |
| 18 | Hematocrit Estimation from Transduced Current Patterns Using Single Hidden Layer Feedforward Neural Networks. , 2007, , . | | 4 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Decoding Cognitive States from fMRI Data Using Single Hidden-Layer Feedforward Neural Networks. , 2008, , . | | 4 |
| 20 | Hematocrit estimation from compact single hidden layer feedforward neural networks trained by evolutionary algorithm. , 2008, , . | | 4 |
| 21 | Hematocrit estimation using online sequential extreme learning machine. Bio-Medical Materials and Engineering, 2015, 26, S2025-S2032. | 0.4 | 4 |
| 22 | Neural Networks for Estimation of Hematocrit Density from Transduced Current Curve Patterns. , 2008, , . | | 3 |
| 23 | Support Vector Machine for Hematocrit Density Estimation Based on Changing Patterns of Transduced Anodic Current. , 2008, , . | | 3 |
| 24 | Liver Volumetry in MRI by Using Fast Marching Algorithm Coupled with 3D Geodesic Active Contour Segmentation. , 2014, , 141-157. | | 3 |
| 25 | A Novel Approach for Determining Meal Plan for Gestational Diabetes Mellitus Using Artificial Intelligence. Computer Journal, 0, , . | 1.5 | 3 |
| 26 | Accuracy Improvement for Glucose Measurement in Handheld Devices by Using Neural Networks. Lecture Notes in Computer Science, 2017, , 299-308. | 1.0 | 1 |
| 27 | Two-Step Iterative Registration for 2D-Gel Electrophoresis Images. , 2007, , . | | 0 |
| 28 | Outlier Treatment for SLFNs in Classification. , 2007, , . | | 0 |
| 29 | DNA Microarray Classification Using Single Hidden-Layer Feedforward Networks Trained by SVD. Communications in Computer and Information Science, 2009, , 108-114. | 0.4 | 0 |
| 30 | Age and Gender Estimation of Asian Faces Using Deep Residual Network. Lecture Notes in Computer Science, 2019, , 274-286. | 1.0 | 0 |
| 31 | Application of Regularized Online Sequential Learning for Glucose Correction. Lecture Notes in Computer Science, 2019, , 160-171. | 1.0 | 0 |
| 32 | Hematocrit Estimation from Transduced Current Patterns Using Single Hidden Layer Feedforward Neural Networks. , 2007, , . | | 0 |