

REFERENCES

- [1] Srinivas S. S. Kruthiventi , Kumar Ayush , R. Venkatesh Babu "DeepFix: A Fully Convolutional Neural Network for Predicting Human Eye Fixations",IEEE Transactions on Image Processing ,Vol. 26(9), pp. 4446 - 4456, Sept. 2017
- [2] Zhang Bo ; Zhang Ling, "The analysis and improvement of artificial neural network models,"in 1997 IEEE International Conference on Intelligent Processing Systems (Cat. No.97TH8335), Oct. 1997.
- [3] Siavash Sakhavi, Cuntai Guan , Shuicheng Yan, "Learning Temporal Information for Brain-Computer Interface Using Convolutional Neural Networks," IEEE Transactions on Neural Networks and Learning Systems , vol. 29(11), pp. 5619 - 5629, March 2018.
- [4] Xiang Zhang , Wei Yang , Xiaolin Tang , Yun Wang,"Lateral distance detection model based on convolutional neural network,"IET Intelligent Transport Systems, vol. 13(1), pp. 31 - 39, Jan 2019.
- [5] Jongyoo Kim , Anh-Duc Nguyen , Sanghoon Lee,"Deep CNN-Based Blind Image Quality Predictor",IEEE Transactions on Neural Networks and Learning Systems, vol. 30(1), pp. 11 - 24, June 2019.
- [6] Rig Das , Emanuela Piciucco , Emanuele Maiorana , Patrizio Campisi, "Convolutional Neural Network for Finger-Vein-Based Biometric Identification," IEEE Transactions on Information Forensics and Security, vol. 14(2), pp. 360 - 373, Feb. 2019.
- [7] Qin Zou , Zheng Zhang , Qingquan Li , Xianbiao Qi , Qian Wang , Song Wang, "DeepCrack: Learning Hierarchical Convolutional Features for Crack Detection", IEEE Transactions on Image Processing, vol. 28(3), pp. 1498 - 1512, Oct. 2018.
- [8] Zhen Dong , Zheng Zhou , Zefan Li , Chen Liu , Peng Huang , Lifeng Liu , Xiaoyan Liu, "Convolutional Neural Networks Based on RRAM Devices for Image Recognition and Online Learning Tasks,"IEEE Transactions on Electron Devices, vol.66(1), pp.793 - 801, Dec.2018.
- [9] Xiaopeng Hu , Jingting Li , Yan Yang , Fan Wang,"Reliability verification-based convolutional neural networks for object tracking,"IET Image Processing, vol. 13(1), pp. 175 - 185, Dec. 2018.
- [10] Truong-Dong Do , Minh-Thien Duong , Quoc-Vu Dang , My-Ha Le, "Real-Time Self-Driving Car Navigation Using Deep Neural Network," in 2018 4th International Conference on Green Technology and Sustainable Development (GTSD), 23-24 Nov. 2018.
- [11] Yue Li , Dong Liu , Houqiang Li , Li Li , Zhu Li , Feng Wu, "Learning a Convolutional Neural Network for Image Compact-Resolution,"IEEE Transactions on Image Processing , vol. 28(3), pp. 1092 - 1107, sept. 2018.
- [12] Yakun Chang , Cheolkon Jung "Single Image Reflection Removal Using Convolutional Neural Networks,"IEEE Transactions on Image Processing, vol. 28(4), pp. 1954 - 1966, Nov. 2018.
- [13] Omer Deperlioğlu , Utku Köse "Diagnosis of Diabetic Retinopathy by Using Image Processing and Convolutional Neural Network,"in 2018 2nd International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT), 19-21 Oct. 2018
- [14] Raza Yunus ; Omar Arif ; Hammad Afzal ; Muhammad Faisal Amjad ; Haider Abbas ; Hira Noor Bokhari ; Syeda Tazeen Haider ; Nauman Zafar ; Raheel Nawaz, " A Framework to Estimate the Nutritional Value of Food in Real Time Using Deep Learning Techniques ",in IEEE Access, vol.7, pp. 2643 - 2652, Dec. 2018.
- [15] Chuankun Li , Yonghong Hou , Pichao Wang , Wanqing Li, "MultiviewBased 3-D Action Recognition Using Deep Networks ",IEEE Transactions on Human-Machine Systems, vol. 49(1), pp. 95 - 104, Dec. 2018.
- [16] Armin Kappeler , Seunghwan Yoo , Qiqin Dai , Aggelos K. Katsaggelos "Video Super-Resolution With Convolutional Neural Networks,"IEEE Transactions on Computational Imaging , vol. 2(2) ,pp. 109-122, June 2016.
- [17] Chenhao Lin , Ajay Kumar "A CNN-Based Framework for Comparison of Contactless to Contact-Based Fingerprints",IEEE Transactions on Information Forensics and Security, vol. 14(3), pp.662-676, July 2018.
- [18] GuangYang,HaiboHe,QianChen"Emotion-Semantic-EnhancedNeural Network",IEEE/ACM Transactions on Audio, Speech, and Language Processing , vol. 27(3), pp. 531 - 543, March 2019.
- [19] Michael G. Bechtel , Elise Mcellhiney , Minje Kim , Heechul Yun, "DeepPicar: A Low-Cost Deep Neural Network-Based Autonomous Car",2018 IEEE 24th International Conference on Embedded and RealTime Computing Systems and Applications (RTCSA), 28-31 Aug. 2018.
- [20] https://www.tutorialspoint.com/artificial_intelligence/artificial_intelligence_neural_networks.htm
- [21] <https://ujjwalkarn.me/2016/08/11/intuitive-explanation-convnets/>
- [22] <https://medium.com/@sidereal/cnns-architectures-lexnet-alexnet-vgg-googlenet-resnet-and-more-666091488df5>
- [23] Felix Altenberger, Claus Lenz,"A Non-Technical Survey on Deep Convolutional Neural Network Architectures",in arXiv.org , 6 Mar 2018