



Adobe Flash Player 已不再受支持

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2020年会议文章

[1] Z. P. Feng, C. Du, Y. M. Wang, and B. H. Xiao, "OSTER: An Orientation Sensitive Scene Text Recognizer with CenterLine Rectification," in proceedings of 5th Asian Conference on Pattern Recognition, ACPR 2019, Auckland, New zealand, November 2019, pp. 483-497.

[2] J. W. Zhuang, Y. H. Wang, P. Wan, S. C. Zhang, Y. W. Zhang, and Y. Li, "Blind Spectrum Sensing Based on the Statistical Covariance Matrix and K-Median Clustering Algorithm," in proceedings of 6th International Conference on Artificial Intelligence and Security, ICAIS 2020, Hohhot, China, July 2020, pp. 467-478.

[3] Y. J. Zhou, X. L. Xie, Z. G. Hou, X. H. Zhou, G. B. Bian, and S. Q. Liu, "Lightweight Double Attention-Fused Networks for Intraoperative Stent Segmentation," in proceedings of 23rd International Conference on Medical Image Computing and Computer-Assisted Intervention, MICCAI 2020, Lima, Peru, October 2020, pp. 3-13.

[4] W. B. Zheng, L. Yan, F. -Y. Wang, and C. Gou, "Learning from the Guidance: Knowledge Embedded Meta-learning for Medical Visual Question Answering," in proceedings of 27th International Conference on Neural Information Processing, ICONIP 2020, Bangkok, Thailand, November 2020, pp. 194-202.

[5] X. Y. Zhang, X. Yang, Z. Y. Liu, L. Zhang, D. C. Ren, and M. Y. Fan, "Knowledge-Experience Graph with Denoising Autoencoder for Zero-Shot Learning in Visual Cognitive Development," in proceedings of 27th International Conference on Neural Information Processing, ICONIP 2020, Bangkok, Thailand, November 2020, pp. 121-129.

[6] Y. M. Qian, F. Z. Xiong, and Z. Y. Liu, "Intra-domain Knowledge Generalization in Cross-Domain Lifelong Reinforcement Learning," in proceedings of 27th International Conference on Neural Information Processing, ICONIP 2020, Bangkok, Thailand, November 2020, pp. 386-394.

[7] R. Q. Li, G. B. Bian, X. H. Zhou, X. L. G. Xie, Z. L. Ni, and Z. G. Hou, "CAU-net: A Novel Convolutional Neural Network for Coronary Artery Segmentation in Digital Substraction Angiography," in proceedings of 27th International Conference on Neural Information Processing, ICONIP 2020, Bangkok, Thailand, November 2020, pp. 185-196.

[8] J. W. Chen, Y. Lu, Y. R. Chen, D. B. Zhao, and Z. H. Pang, "ContourRend: A Segmentation Method for Improving Contours by Rendering," in proceedings of 17th International Symposium on Neural Networks, ISNN 2020, Cairo, Egypt, December 2020, pp. 251-260.

[9] J. P. Wang, and Y. F. Lu, "A novel CMN model for fine-grained classification with large spatial variants," in proceedings of 2020 5th International Conference on Intelligent Computing and Signal Processing, ICSP 2020, Suzhou, China, March 2020.

[10] T. Y. Chen, H. F. Wang, H. Liu, and P. Wu, "An Island Remote Sensing Image Segmentation Algorithm Based on A Fusion Network with Attention Mechanism," in proceedings of 2020 3rd International Conference on Computer Information Science and Artificial Intelligence, CISAI 2020, Hulun Buir, Inner Mongolia, China, September 2020.

[11] E. H. Zheng, J. C. Zeng, D. F. Xu, Q. Wang, and H. Qiao, "Non-periodic lower-limb motion recognition with noncontact capacitive sensing," in proceedings of 2020 IEEE/ASME International Conference on Advanced Intelligent Mechatronics, AIM 2020, Boston, MA, United states, July 2020, pp. 1816-1821.

[12] Q. H. Fang, G. Xiong, X. Q. Shang, S. Liu, B. Hu, and Z. Shen, "An Enhanced Fault Diagnosis Method with Uncertainty Quantification Using Bayesian Convolutional Neural Network," in proceedings of 16th IEEE International Conference on Automation Science and Engineering, CASE 2020, Hong Kong, Hong kong, August 2020, pp. 588-593.

[13] E. H. S. M. Lodhi, Z. E. S. Lodhi, Z. Fenghua, G. Xiong, F. -Y. Wang, W. H. E. D. Ur Rehman, and T. R. K. Sinshaw, "Analysis of Harmonics Detection and their Filtration by using Active Band Pass Filter for Domestic Appliances," in proceedings of 16th IEEE International Conference on Automation Science and Engineering, CASE 2020, Hong Kong, Hong kong, August 2020, pp. 232-237.

[14] H. X. Zhang, J. X. Liu, Y. Tang, and G. Xiong, "Attention based Graph Covolution Networks for Intelligent Traffic Flow Analysis," in proceedings of 16th IEEE International Conference on Automation Science and Engineering, CASE 2020, Hong Kong, Hong kong, August 2020, pp. 558-563.

[15] H. B. Ali, G. Xiong, H. Y. Wu, B. Hu, Z. Shen, and H. X. Bai, "Multi-robot Path Planning and Trajectory Smoothing," in proceedings of 16th IEEE International Conference on Automation Science and Engineering, CASE 2020, Hong Kong, Hong kong, August 2020, pp. 685-690.

[16] T. S. Tamir, G. Xiong, H. M. Menkir, X. Q. Shang, Z. Shen, X. S. Dong, and X. Y. Gong, "Developing SCADA Systems to Monitor and Control Liquid and Detergent Factories," in proceedings of 16th IEEE International Conference on Automation Science and Engineering, CASE 2020, Hong Kong, Hong kong, August 2020, pp. 691-696.

[17] F. Y. Zhang, F. Z. Xiong, and Z. Y. Liu, "Learning Individual Features to Decompose State Space for Robotic Skill Learning," in proceedings of 32nd Chinese Control and Decision Conference, CCDC 2020, Hefei, China, August 2020, pp. 3169-3174.

[18] M. J. Liu, T. Lu, Y. H. Cai, R. Wang, and S. Wang, "Real-world Robot Reaching Skill Learning Based on Deep Reinforcement Learning," in proceedings of 32nd Chinese Control and Decision Conference, CCDC 2020, Hefei, China, August 2020, pp. 4780-4784.

[19] T. Y. Chen, H. F. Wang, H. Liu, J. R. Du, and P. Wu, "An Island Remote Sensing Image Segmentation Algorithm Based on FC_U-Net Network," in proceedings of 2020 International Conference on Computer Vision, Image and Deep Learning, CVIDL 2020, Chongqing, China, July 2020, pp. 100-105.

[20] W. B. Zheng, L. Yan, C. Gou, and F. -Y. Wang, "Webly supervised knowledge embedding model for visual reasoning," in proceedings of 2020 IEEE/CVF Conference on Computer Vision and Pattern Recognition, CVPR 2020, Virtual, Online, United states, June 2020, pp. 12442-12451.

[21] L. Yan, W. B. Zheng, F. -Y. Wang, and C. Gou, "Weakly supervised person search," in proceedings of 7th IEEE International Conference on Data Science and Advanced Analytics, DSAA 2020, Virtual, Sydney, NSW, Australia, October 2020, pp. 188-196.

[22] E. H. Zheng, J. C. Wan, D. F. Xu, Q. Wang, and H. Qiao, "Identification of muscle morphology with noncontact capacitive sensing: Preliminary study," in proceedings of 42nd Annual International Conferences of the IEEE Engineering in Medicine and Biology Society, EMBC 2020, Montreal, QC, Canada, July 2020, pp. 4109-4113.

[23] C. S. Yan, Y. J. Zheng, C. Huang, S. M. Xue, H. W. Sun, X. Wang, and Q. L. Wei, "Consensus Control of Leader-following Multi-agent System in Partial Directed Topology," in proceedings of 2nd International Conference on Industrial Artificial Intelligence, IAI 2020, Shenyang, China, October 2020.

[24] S. Y. Li, Z. Li, L. M. Guo, and G. B. Bian, "Glaucoma Detection: Joint Segmentation and Classification Framework via Deep Ensemble Network," in proceedings of 5th IEEE International Conference on Advanced Robotics and Mechatronics, ICARM 2020, Shenzhen, China, December 2020, pp. 678-685.

[25] W. T. Wen, Q. D. Li, J. F. Li, X. Zhang, and D. Zeng, "Predicting Online News Authorship by an Authorship Embeddings Space Method," in proceedings of 5th IEEE International Conference on Big Data Analytics, ICBD 2020, Xiamen, China, May 2020, pp. 368-372.

[26] R. Cao, L. Cheng, and Z. Dong, "Group Consensus for Euler-Lagrange Multi-Agent Systems with Dynamic Event-Triggered Control," in proceedings of 16th IEEE International Conference on Control and Automation, ICCA 2020, Virtual, Sapporo, Hokkaido, Japan, October 2020, pp. 624-629.

[27] L. Yan, W. B. Zheng, C. Gou, and F. -Y. Wang, "Feature Aggregation Attention Network for Single Image Dehazing," in proceedings of 2020 IEEE International Conference on Image Processing, ICIP 2020, Virtual, Abu Dhabi, United arab emirates, September 2020, pp. 923-927.

[28] S. Du, C. Zhou, J. Z. Yu, and Z. X. Wu, "A Modified Line-of-Sight Method for Path Tracking Applied to Robotic Fish," in proceedings of 17th IEEE International Conference on Mechatronics and Automation, ICMA 2020, Beijing, China, October 2020, pp. 809-814.

[29] R. Tong, T. Z. Wang, and J. Z. Yu, "Visual Pencil: Design of Portable Human-Computer Interaction Based on 2D Visual Tracking," in proceedings of 17th IEEE International Conference on Mechatronics and Automation, ICMA 2020, Beijing, China, October 2020, pp. 362-367.

[30] L. Pang, Z. Q. Cao, J. Z. Yu, W. M. Zhang, and X. C. Chen, "A Collision-Free Person-Following Approach Based on Path Planning," in proceedings of 17th IEEE International Conference on Mechatronics and Automation, ICMA 2020, Beijing, China, October 2020, pp. 327-331.