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Professional field: Computer Science, Artificial Intelligence

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Profile

Dr. Fangli Ying (Github profile: [fangli-ying.github.io](https://github.com/fangli-ying)) is currently a lecturer at Department of Computer Science in East China University of Science and Technology (ECUST). He is a supervisor for Master program and co-supervisor for Ph.D. program in Computer Science and he is supervising 3 international Ph.D. students. He is also a visiting professor in the International College of Digital Innovation at Chiang Mai University (CMU) in Thailand. He is working on the development of artificial intelligence industrial applications for solving practical problems in multidisciplinary research and he is cooperating with State Key Laboratory of Bioreactor Engineering, Department of Finance and National Engineering Laboratory for Big Data Distribution and Exchange Technologies in ECUST. He has authored many articles in top journals and conferences, such as the IEEE transactions, Applied Intelligence, Neural Computing and Applications and ICME. Dr. Ying previously received the Best Runner-up Award from ACM SIGSPATIAL GIS conference and the ESRI European scholar Award and he was previously working in World Bank for a short period. His current research interests include Computer Vision, Reinforcement Learning for Portfolio Management, Computational Biology with Synthetic Biology.

Research Field

Deep Learning, Computer Vision, Artificial Intelligence and Industrial Applications, Computational Biology

Research results and selected published papers

1. Lebedeva, I., F. Ying*, Guo, Y.* "Personalized facial beauty assessment: a meta-learning approach", The Visual Computer, (2022). (CCF C journal, SCI, if=2.601)
2. Lebedeva, I., Guo, Y.* & F. Ying, "MEBeauty: a multi-ethnic facial beauty dataset in-the-wild", Neural Computing and Application, Jun. 2021, 195, pp. 116595. (CCF B journal, SCI, if=5.606)
3. A.Y., Phaphuangwittayakul, A.#, Yi G., F. Ying#, "Fast Adaptive Meta-Learning for Few-shot Image Generation", IEEE Transaction on Multimedia, Nov. 2021, 124, pp. 308-314. (CCF B journal, SCI, if=5.452)
4. A. Phaphuangwittayakul, Y. Guo, F. Ying*, "An optimal deep learning framework for multi-type hemorrhagic lesions detection and quantification in head CT images for traumatic brain injury", Applied Intelligence, Dec. 2021, 209, pp. 106478. (CCF B journal, SCI, if=5.086)
5. A. Phaphuangwittayakul#, Y. Guo, F. Ying#, W. Xu and Z. Zheng, "Self-Attention Recurrent Summarization Network with Reinforcement Learning for Video Summarization Task," in 2021 IEEE International Conference on Multimedia and Expo (ICME), Shenzhen, China, 2021 pp. 1-6. (CCF B conference)
6. Dawod, A.Y.#, Phaphuangwittayakul, A.#, F. Ying#, Angkurawaranon S., Chakpitak N., Adaptive Slices Brain Hemorrhage Segmentation based on SLIC Algorithm, In 2020 17th Engineering Letter, 2020 (EI Scopus journal)
7. Lebedeva, I; Guo, Y; F. Ying Transfer Learning Adaptive Facial Attractiveness Assessment Journal of Physics: Conference Series; Bristol Vol. 1922, Iss. 1, (May 2021). (EI conference)

Note: * indicates the corresponding author. # indicates equal contribution.