

PUBLICATIONS:

1. Maruf Hossain Shuvo, Kassim YM, Bunyak F, **Glinskii OV**, Xie L, Glinsky VV, Huxley VH, Thakkar MM, Palaniappan K. Multi-focus Image Fusion for Confocal Microscopy Using U-Net Regression Map. *International Conference on Pattern Recognition (ICPR)*, 2021
2. Aktar R, Huxley VH, Guidoboni G, **Glinskii OV**, Palaniappan K. Interactive Global Mosaic Stitching from Mesentery Video Sequences. 2020 *IEEE Applied Imagery Pattern Recognition Workshop (AIPR)*. DOI: 10.1109/AIPR50011.2020.9425109
3. **Glinskii OV**, Huxley VH, Xie L, Bunyak F, Palaniappan K and Glinsky VV. Complex Non-sinus-associated Pachymeningeal Lymphatic Structures: Interrelationship with Blood Microvasculature. *Front. Physiol.* 2019 10:1364. doi: 10.3389/fphys.2019.01364. eCollection 2019
4. Kassim YM, **Glinskii OV**, Glinsky VV, Huxley VH, Guidoboni G and Palaniappan K. Deep U-Net Regression and Hand-Crafted Feature Fusion for Accurate Blood Vessel Segmentation. *2019 IEEE International Conference on Image Processing (ICIP)*, Taipei, Taiwan, 2019, pp. 1445-1449. doi: 10.1109/ICIP.2019.8803084
5. Kassim YM, **Glinskii OV**, Glinsky VV, Huxley VH, Palaniappan K. Patch-based Semantic segmentation for detecting arterioles and venules in epifluorescence imagery. *2018 IEEE Applied Imagery Pattern Recognition Workshop (AIPR)*, Washington, DC, USA, 2018, pp.1-5. DOI: 10.1109/AIPR.2018.8707387
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10. Kassim YM, Prasath VBS, **Glinskii OV**, Glinsky VV, Huxley VH, Palaniappan K. Microvasculature segmentation of arterioles using deep CNN. *2017 IEEE International Conference on Image Processing (ICIP)*. DOI: 10.1109/ICIP.2017.8296347

11. Kassim YM, **Glinskii OV**, Glinsky VV, Huxley VH, Palaniappan K. Deep Learning Segmentation for Epifluorescence Microscopy Images. *Microsc. Microanal.* 2017 23 (Suppl 1): 140-141. DOI: <https://doi.org/10.1017/S1431927617001386>
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