ASM Shihavuddin - DTU Orbit (19/08/2018)

Shihavuddin, ASM
shihav@dtu.dk
Department of Applied Mathematics and Computer Science - Assistant Professor
Image Analysis & Computer Graphics

Publications:

Ependymal cilia beating induces an actin network to protect centrioles against shear stress
Publication: Research - peer-review › Journal article – Annual report year: 2018

Can we train a single deep learning model to detect and segment nuclei images acquired with any microscope or staining modality?
Shihavuddin, A. S. M., Gawrilowicz, F., Jeppesen, N. & Paulsen, R. R. 2018
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2018

FastSME: faster and smoother manifold extraction from 3D stack
Publication: Research - peer-review › Article in proceedings – Annual report year: 2018

Towards Highly Accurate Coral Texture Images Classification Using Deep Convolutional Neural Networks and Data Augmentation
Publication: Research - peer-review › Journal article – Annual report year: 2018

Calibrated mitotic oscillator drives motile ciliogenesis
Publication: Research - peer-review › Journal article – Annual report year: 2017

Smooth 2D manifold extraction from 3D image stack
Publication: Research - peer-review › Journal article – Annual report year: 2017

Computer Vision in Vehicle Technology: Land, Sea & Air
Publication: Research - peer-review › Book chapter – Annual report year: 2017

mTORC1 signaling and primary cilia are required for brain ventricle morphogenesis
Publication: Research - peer-review › Journal article – Annual report year: 2017