

**Classification and denoising of objects in TEM and CT images using deep neural networks = Objektide klassifitseerimine ja müratustamine TEM ja KT kujutistelt sügavate närvivõrkude abil**  
Gupta, Anindya 2018 <https://digi.lib.ttu.ee/i/?9954> [https://www.ester.ee/record=b5056535\\*est](https://www.ester.ee/record=b5056535*est)

**Classification of cross-sections for vascular skeleton extraction using convolutional neural networks**  
Lidayová, Kristína; **Gupta, Anindya**; Frimmel, Hans; Sintorn, Ida-Maria; Bengtsson, Ewert; Smedby, Örjan Medical Image : Understanding and Analysis, 21st Annual Conference, MIUA 2017 Edinburgh, UK, July 11–13, 2017 : Proceedings 2017 / p. 182-194  
[https://doi.org/10.1007/978-3-319-60964-5\\_16](https://doi.org/10.1007/978-3-319-60964-5_16) [Conference proceedings at Scopus Article at Scopus Article at WOS](#)

**Convolutional neural networks for false positive reduction of automatically detected cilia in low magnification TEM images**  
**Gupta, Anindya**; Suveer, Amit; Lindblad, Joakim; Dragomir, Anca; Sintorn, Ida-Maria; Sladoje, Nataša Image Analysis, 20th Scandinavian Conference, SCIA 2017, Tromsø, Norway, June 12–14, 2017 : proceedings, Part I 2017 / p. 407-418 : ill  
[https://doi.org/10.1007/978-3-319-59126-1\\_34](https://doi.org/10.1007/978-3-319-59126-1_34) [Conference proceedings at Scopus Article at Scopus Article at WOS](#)

**Detection of pulmonary micronodules in computed tomography images and false positive reduction using 3D convolutional neural networks**  
Gupta, Anindya; Saar, Tõnis; **Märtens, Olev; Le Moullec, Yannick**; Sintorn, Ida-Maria International Journal of Imaging Systems and Technology 2019 / p. 327-339 : ill <https://doi.org/10.1002/ima.22373> [Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS](#)