

**Automatic detection of multisize pulmonary nodules in CT images : large-scale validation of the false-positive reduction step**

Gupta, Anindya; Saar, Tõnis; Märten, Olev; Le Moullec, Yannick Medical physics 2018 / p. 1135-1149 : ill <https://doi.org/10.1002/mp.12746> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Characterization of fuel cells and fuel cell systems using three-dimensional X-ray tomography**

Griesser, Stefan; Buchinger, G.; Raab, T.; Claassen, D.P.; Meissner, Dieter Journal of fuel cell science and technology 2007 / 1, p. 84-87 <https://asmedigitalcollection.asme.org/electrochemical/article/4/1/84/459547/Characterization-of-Fuel-Cells-and-Fuel-Cell>

**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)

**Construction of gender-specific regression models for aortic length estimation based on computed tomography images**

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**Detection of pulmonary micronodules in computed tomography images and false positive reduction using 3D convolutional neural networks**

Gupta, Anindya; Saar, Tõnis; Märten, 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](#)

**In situ Mo(Si,Al)<sub>2</sub>-based composite through selective laser melting of a MoSi<sub>2</sub>-30 wt.% AlSi<sub>10</sub>Mg mixture**

Minasyan, Tatevik; Aydiyanyan, Sofiya; Toyserkani, Ehsan; Hussainova, Irina Materials 2020 / art. 3720 ; 13 p <https://doi.org/10.3390/ma13173720> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**ITK sai kaasaegseima diagnostikaseadme**

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**Meedikud uurisid 385 miljoni aastast patsienti : [devoniajastust pärit kala]**

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**Methods for fibre orientation analysis of X-ray tomography images of steel fibre reinforced concrete (SFRC)**

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**Methods for increased sensitivity and scope in automatic segmentation and detection of lung nodules in CT images**

Gupta, Anindya; Märten, Olev; Le Moullec, Yannick; Saar, Tõnis The 15th IEEE International Symposium on Signal Processing and Information Technology ISSPIT 2015 : December 7-10, 2015, Abu Dhabi, UAE : proceedings 2015 / p. 370-375 : ill

**Mo(Si<sub>1-x</sub>Al<sub>x</sub>)<sub>2</sub>-based composite by reactive laser powder-bed fusion**

Minasyan, Tatevik; Aydiyanyan, Sofiya; Liu, Le; Volobujeva, Olga; Toyserkani, Ehsan; Hussainova, Irina Materials letters 2020 / art. 128776, 5 p. : ill <https://doi.org/10.1016/j.matlet.2020.128776> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**MoSi<sub>2</sub>-based composites by selective laser melting = Selektiivse lasersulatuse teel valmistatud MoSi<sub>2</sub> baasil komposiidid**

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**Orientation of short steel fibres in concrete : measuring and modelling = Metallist lühikiudude orientatsioon betoonis : mõõtmine ja modelleerimine**

Eik, Marika 2014 <https://digi.lib.ttu.ee/i/?965> [https://www.ester.ee/record=b3079293\\*est](https://www.ester.ee/record=b3079293*est)

**A phantom pig abdomen as an alternative for testing robotic surgical systems : our experience**

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**A preliminary computer-aided technique for CT based lung segmentation**

Gupta, Anindya; Märten, Olev; Le Moullec, Yannick Proceedings of the 8th Annual Conference of the Estonian National Doctoral School in Information and Communication Technologies : December 5-6, 2014, Rakvere 2014 / p. 43-46 : ill

**Re-explore the biological affinity of chitinozoans: Evidence from morphological variation and exceptional specimens**

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**A survey on open-access reference image database for lung cancer**

**Gupta, Anindya; Märten, Olev; Le Moullec, Yannick** Proceedings of the 8th Annual Conference of the Estonian National Doctoral School in Information and Communication Technologies : December 5-6, 2014, Rakvere 2014 / p. 47-50 : ill

**A tool for lung nodules analysis based on segmentation and morphological operation**

**Gupta, Anindya; Märten, Olev; Le Moullec, Yannick; Saar, Tõnis** 2015 IEEE 9th International Symposium on Intelligent Signal Processing (WISP 2015) : Siena, Italy, 15-17 May 2015 : [proceedings] 2015 / p. 193-197 : ill  
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