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Ph.D. Student in Applied Physics, admitted Autumn 2018

Bio

EDUCATION AND CERTIFICATIONS

- Master of Science, University of Cambridge , Physics (2018)
- Bachelor of Arts, University of Cambridge , Natural Sciences (2018)

LINKS

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Publications

PUBLICATIONS

- **Artificial intelligence and radiologists in prostate cancer detection on MRI (PI-CAI): an international, paired, non-inferiority, confirmatory study.** *The Lancet. Oncology*
Saha, A., Bosma, J. S., Twilt, J. J., van Ginneken, B., Bjartell, A., Padhani, A. R., Bonekamp, D., Villeirs, G., Salomon, G., Giannarini, G., Kalpathy-Cramer, J., Barentsz, J., Maier-Hein, et al
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- **Computational Detection of Extraprostatic Extension of Prostate Cancer on Multiparametric MRI Using Deep Learning.** *Cancers*
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- **The acoustic resonant drag instability with a spectrum of grain sizes** *MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY*
Squire, J., Moroianu, S., Hopkins, P. F.
2022; 510 (1): 110-130
- **Intensity Normalization of Prostate MRIs using Conditional Generative Adversarial Networks for Cancer Detection**
DeSilvio, T., Moroianu, S., Bhattacharya, I., Seetharaman, A., Sonn, G., Rusu, M.
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- **Detecting Invasive Breast Carcinoma on Dynamic Contrast-Enhanced MRI**
Moroianu, S. L., Rusu, M.
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