

# Lasse Riis Åstergaard

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

1,027  
citations

687363

13  
h-index

434195

31  
g-index

39  
all docs

39  
docs citations

39  
times ranked

1964  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sex differences in microvascular function across lower leg muscles in humans. <i>Microvascular Research</i> , 2022, 139, 104278.	2.5	6
2	The global end-ranges of neck flexion and extension do not represent the maximum rotational ranges of the cervical intervertebral joints in healthy adults - an observational study. <i>Chiropractic &amp; Manual Therapies</i> , 2021, 29, 18.	1.5	1
3	Pancreatic magnetic resonance imaging texture analysis in chronic pancreatitis: a feasibility and validation study. <i>Abdominal Radiology</i> , 2020, 45, 1497-1506.	2.1	12
4	Sulcal and Cortical Features for Classification of Alzheimer's Disease and Mild Cognitive Impairment. <i>Lecture Notes in Computer Science</i> , 2019, , 427-438.	1.3	1
5	DeepQSM - using deep learning to solve the dipole inversion for quantitative susceptibility mapping. <i>NeuroImage</i> , 2019, 195, 373-383.	4.2	84
6	Assessment of prostate cancer prognostic Gleason grade group using zonal-specific features extracted from biparametric MRI using a KNN classifier. <i>Journal of Applied Clinical Medical Physics</i> , 2019, 20, 146-153.	1.9	26
7	SHARQnet - Sophisticated harmonic artifact reduction in quantitative susceptibility mapping using a deep convolutional neural network. <i>Zeitschrift Fur Medizinische Physik</i> , 2019, 29, 139-149.	1.5	22
8	Quality assessment of Ki67 staining using cell line proliferation index and stain intensity features. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2019, 95, 381-388.	1.5	8
9	MRI analysis of fecal volume and dryness: Validation study using an experimental oxycodone-induced constipation model. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 733-745.	3.4	7
10	Prostate zonal segmentation in 1.5T and 3T T2W MRI using a convolutional neural network. <i>Journal of Medical Imaging</i> , 2019, 6, 1.	1.5	13
11	Repeatability of Cervical Joint Flexion and Extension Within and Between Days. <i>Journal of Manipulative and Physiological Therapeutics</i> , 2018, 41, 10-18.	0.9	8
12	Postpartum computed tomography angiography of the fetoplacental macrovasculature in normal pregnancies and in those complicated by fetal growth restriction. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2018, 97, 322-329.	2.8	9
13	Automatic emphysema detection using weakly labeled HRCT lung images. <i>PLoS ONE</i> , 2018, 13, e0205397.	2.5	17
14	Accurate Measurement of Airway Morphology on Chest CT Images. <i>Lecture Notes in Computer Science</i> , 2018, 11040, 335-347.	1.3	5
15	Exploiting Multiple Color Representations to Improve Colon Cancer Detection in Whole Slide H&E Stains. <i>Lecture Notes in Computer Science</i> , 2018, , 61-68.	1.3	3
16	Motion analysis of the cervical spine during extension and flexion: Reliability of the vertebral marking procedure. <i>Medical Engineering and Physics</i> , 2018, 61, 81-86.	1.7	9
17	Postpartum placental CT angiography in normal pregnancies and in those complicated by diabetes mellitus. <i>Placenta</i> , 2018, 69, 20-25.	1.5	10
18	Using cell nuclei features to detect colon cancer tissue in hematoxylin and eosin stained slides. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2017, 91, 785-793.	1.5	38

#	ARTICLE	IF	CITATIONS
19	CT angiography of the fetoplacental macrovasculature in normal pregnancies and in those complicated by fetal growth restriction. <i>Placenta</i> , 2017, 57, 313-314.	1.5	0
20	Semi-automatic Method for Intervertebral Kinematics Measurement in the Cervical Spine. <i>Lecture Notes in Computer Science</i> , 2017, , 302-313.	1.3	2
21	Computer Aided Detection of Prostate Cancer on Biparametric MRI Using a Quadratic Discriminant Model. <i>Lecture Notes in Computer Science</i> , 2017, , 161-171.	1.3	1
22	An Improved Algorithm for Coronary Bypass Anastomosis Segmentation in Epicardial Ultrasound Sequences. <i>Ultrasound in Medicine and Biology</i> , 2016, 42, 3010-3021.	1.5	1
23	Comparison of manual and automatic MR&CT registration for radiotherapy of prostate cancer. <i>Journal of Applied Clinical Medical Physics</i> , 2016, 17, 294-303.	1.9	30
24	Extraction of sulcal medial surface and classification of Alzheimer's disease using sulcal features. <i>Computer Methods and Programs in Biomedicine</i> , 2016, 133, 35-44.	4.7	29
25	High-Frame-Rate Deformation Imaging in Two Dimensions Using Continuous Speckle-Feature Tracking. <i>Ultrasound in Medicine and Biology</i> , 2016, 42, 2606-2615.	1.5	15
26	Quantification and variability in colonic volume with a novel magnetic resonance imaging method. <i>Neurogastroenterology and Motility</i> , 2015, 27, 1755-1763.	3.0	29
27	Automatic detection of coronary artery anastomoses in epicardial ultrasound images. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2015, 10, 1313-1323.	2.8	1
28	The use of atlas registration and graph cuts for prostate segmentation in magnetic resonance images. <i>Medical Physics</i> , 2015, 42, 1614-1624.	3.0	27
29	A novel semi-automatic segmentation method for volumetric assessment of the colon based on magnetic resonance imaging. <i>Abdominal Imaging</i> , 2015, 40, 2232-2241.	2.0	37
30	A new method to validate thoracic CT-CT deformable image registration using auto-segmented 3D anatomical landmarks. <i>Acta Oncol&amp;gica</i> , 2015, 54, 1515-1520.	1.8	5
31	Classification of Alzheimer&TM's Disease from MRI Using Sulcal Morphology. <i>Lecture Notes in Computer Science</i> , 2015, , 103-113.	1.3	8
32	The use of an active appearance model for automated prostate segmentation in magnetic resonance. <i>Acta Oncol&amp;gica</i> , 2013, 52, 1374-1377.	1.8	6
33	MR&CT registration using a Ni&CTi prostate stent in image&guided radiotherapy of prostate cancer. <i>Medical Physics</i> , 2013, 40, 061907.	3.0	5
34	Semi-automatic vessel tracking and segmentation using epicardial ultrasound in bypass surgery. , 2012, 2012, 2331-4.		3
35	BEaST: Brain extraction based on nonlocal segmentation technique. <i>NeuroImage</i> , 2012, 59, 2362-2373.	4.2	507
36	Cortical volumes and atrophy rates in FTD-3 CHMP2B mutation carriers and related non-carriers. <i>NeuroImage</i> , 2009, 45, 713-721.	4.2	28

#	ARTICLE	IF	CITATIONS
37	Evaluation of Five Algorithms for Mapping Brain Cortical Surfaces. , 2008, , .		8