

Tyler E Cork

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

633
citations

1040056

9
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

581
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimating cardiomyofiber strain in vivo by solving a computational model. <i>Medical Image Analysis</i> , 2021, 68, 101932.	11.6	11
2	Evaluation of Patient Positioning to Mitigate RF-induced Heating of Cardiac Implantable Electronic Devices for Pediatric MRI Exams. , 2021, 2021, 5027-5030.		1
3	Abstract 10378: A Novel Selectively Flexible Mitral Annuloplasty Ring Designed Based on Human Imaging with Superior Performance in Hemodynamics, Biomechanics, and Annular Dynamics - A Comprehensive Bench to in vivo Large Animal Analysis. <i>Circulation</i> , 2021, 144, .	1.6	0
4	Estimating Aggregate Cardiomyocyte Strain Using <i>In-Vivo</i> Diffusion and Displacement Encoded MRI. <i>IEEE Transactions on Medical Imaging</i> , 2020, 39, 656-667.	8.9	14
5	Cardiac cine CT approaching 1ÅmSv: implementation and assessment of a 58-ms temporal resolution protocol. <i>International Journal of Cardiovascular Imaging</i> , 2020, 36, 1583-1591.	1.5	3
6	High-Resolution Ex Vivo Microstructural MRI After Restoring Ventricular Geometry via 3D Printing. <i>Lecture Notes in Computer Science</i> , 2019, 11504, 177-186.	1.3	8
7	Optimized energy of spectral coronary CT angiography for coronary plaque detection and quantification. <i>Journal of Cardiovascular Computed Tomography</i> , 2018, 12, 108-114.	1.3	24
8	Photon-Counting Computed Tomography for Vascular Imaging of the Head and Neck. <i>Investigative Radiology</i> , 2018, 53, 135-142.	6.2	122
9	Quarter-millimeter spectral coronary stent imaging with photon-counting CT: Initial experience. <i>Journal of Cardiovascular Computed Tomography</i> , 2018, 12, 509-515.	1.3	54
10	Low-dose lung cancer screening with photon-counting CT: a feasibility study. <i>Physics in Medicine and Biology</i> , 2017, 62, 202-213.	3.0	75
11	Photon-counting CT for simultaneous imaging of multiple contrast agents in the abdomen: An <i>in vivo</i> study. <i>Medical Physics</i> , 2017, 44, 5120-5127.	3.0	150
12	Dual-contrast agent photon-counting computed tomography of the heart: initial experience. <i>International Journal of Cardiovascular Imaging</i> , 2017, 33, 1253-1261.	1.5	93
13	Photon-Counting CT of the Brain: In Vivo Human Results and Image-Quality Assessment. <i>American Journal of Neuroradiology</i> , 2017, 38, 2257-2263.	2.4	75