Daniel A Moses Mbbs

List of Publications by Year
in descending order

47 papers	1,051 citations	516710 16 h-index	434195 31 g-index
47 all docs	47 docs citations	47 times ranked	2028 citing authors

#	Article	IF	Citations
1	Variability of gross tumour volume delineation: MRI and CT based tumour and lymph node delineation for lung radiotherapy. Radiotherapy and Oncology, 2022, 167, 292-299.	0.6	6
2	The effectiveness of skeletal muscle evaluation at the third cervical vertebral level for computed tomographyâ€defined sarcopenia assessment in patients with head and neck cancer. Head and Neck, 2022, 44, 1047-1056.	2.0	14
3	Supervised and semi-supervised 3D organ localisation in CT images combining reinforcement learning with imitation learning. Biomedical Physics and Engineering Express, 2022, , .	1.2	0
4	Imaging Modalities for Early Detection of Pancreatic Cancer: Current State and Future Research Opportunities. Cancers, 2022, 14, 2539.	3.7	5
5	Deep learning applied to automatic disease detection using chest Xâ€rays. Journal of Medical Imaging and Radiation Oncology, 2021, 65, 498-517.	1.8	23
6	Artificial intelligence in medical imaging and radiation oncology: Opportunities and challenges. Journal of Medical Imaging and Radiation Oncology, 2021, 65, 481-485.	1.8	7
7	Combination of Peri-Tumoral and Intra-Tumoral Radiomic Features on Bi-Parametric MRI Accurately Stratifies Prostate Cancer Risk: A Multi-Site Study. Cancers, 2020, 12, 2200.	3.7	49
8	Adaptive tutorials versus web-based resources in radiology: a mixed methods analysis in junior doctors of efficacy and engagement. BMC Medical Education, 2020, 20, 303.	2.4	7
9	Editorial for â€œProstate Cancer Risk Stratification in Men With a Clinical Suspicion of Prostate Cancer Using a Unique Biparametric MRI and Expression of 11 Genes in Apparently Benign Tissue: Evaluation Using Machineâ€Learning Techniquesâ€. Journal of Magnetic Resonance Imaging, 2020, 51, 1554-1555.	3.4	0
10	A Novel Approach to Vertebral Compression Fracture Detection Using Imitation Learning and Patch Based Convolutional Neural Network. , 2020, , .		11
11	The Magnetic Resonance Imaging in Active Surveillance (MRIAS) Trial: Use of Baseline Multiparametric Magnetic Resonance Imaging and Saturation Biopsy to Reduce the Frequency of Surveillance Prostate Biopsies. Journal of Urology, 2020, 203, 910-917.	0.4	44
12	Incidence and predictors of left ventricular thrombus formation following acute ST-segment elevation myocardial infarction: A serial cardiac MRI study. IJC Heart and Vasculature, 2019, 24, 100395.	1.1	20
13	Nerve root compression secondary to a large hepatic cyst. ANZ Journal of Surgery, 2019, 89, E580-E581.	0.7	0
14	Adaptive Tutorials Versus Web-Based Resources in Radiology: A Mixed Methods Analysis of Efficacy and Engagement in Senior Medical Students. Academic Radiology, 2019, 26, 1421-1431.	2.5	15
15	Reduced motion and improved rectal dosimetry through endorectal immobilization for prostate stereotactic body radiotherapy. British Journal of Radiology, 2019, 92, 20190056.	2.2	15
16	Tail gut cyst: an unusual case. ANZ Journal of Surgery, 2019, 89, 264-265.	0.7	1
17	Radiomic features on MRI enable risk categorization of prostate cancer patients on active surveillance: Preliminary findings. Journal of Magnetic Resonance Imaging, 2018, 48, 818-828.	3.4	88
18	Delivering safe and effective test-result communication, management and follow-up: a mixed-methods study protocol. BMJ Open, 2018, 8, e020235.	1.9	19

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19	An assessment of set up position for MRI scanning for the purposes of rectal cancer radiotherapy treatment planning. Journal of Medical Radiation Sciences, 2018, 65, 22-30.	1.5	5
20	Reduced sensitivity of multiparametric MRI for clinically significant prostate cancer in men under the age of 50. Research and Reports in Urology, 2018, Volume 10, 145-150.	1.0	4
21	Peripheral bronchial identification on chest CT using unsupervised machine learning. International Journal of Computer Assisted Radiology and Surgery, 2018, 13, 1379-1395.	2.8	3
22	The impact of a radiologistâ€ led workshop on <scp>MRI</scp> target volume delineation for radiotherapy. Journal of Medical Radiation Sciences, 2018, 65, 300-310.	1.5	12
23	A multiparametric magnetic resonance imagingâ€based risk model to determine the risk of significant prostate cancer prior to biopsy. BJU International, 2017, 120, 774-781.	2.5	98
24	Feasibility of free breathing Lung MRI for Radiotherapy using non-Cartesian k-space acquisition schemes. British Journal of Radiology, 2017, 90, 20170037.	2.2	37
25	MRI in radiotherapy for lung cancer: A free-breathing protocol at 3T. Practical Radiation Oncology, 2017, 7, e175-e183.	2.1	7
26	Highâ€risk <scp>CTV</scp> delineation for cervix brachytherapy: Application of <scp>GEC</scp>â€<scp>ESTRO</scp> guidelines in Australia and New Zealand. Journal of Medical Imaging and Radiation Oncology, 2017, 61, 133-140.	1.8	3
27	Using Convolutional Neural Networks and Transfer Learning for Bone Age Classification. , 2017, , .		26
28	Study protocol: multi-parametric magnetic resonance imaging for therapeutic response prediction in rectal cancer. BMC Cancer, 2017, 17, 465.	2.6	29
29	Assessment of the Performance of Magnetic Resonance Imaging/Ultrasound Fusion Guided Prostate Biopsy against a Combined Targeted Plus Systematic Biopsy Approach Using 24-Core Transperineal Template Saturation Mapping Prostate Biopsy. Prostate Cancer, 2016, 2016, 1-8.	0.6	13
30	Electrocardiographic measurement of infarct size compared to cardiac MRI in reperfused first time ST-segment elevation myocardial infarction. International Journal of Cardiology, 2016, 220, 389-394.	1.7	6
31	Automatic 3D modelling of human diaphragm from lung MDCT images. International Journal of Computer Assisted Radiology and Surgery, 2016, 11, 767-776.	2.8	2
32	Automatic segmentation and analysis of the main pulmonary artery on standard post-contrast CT studies using iterative erosion and dilation. International Journal of Computer Assisted Radiology and Surgery, 2016, 11, 381-395.	2.8	9
33	Adverse diastolic remodeling after reperfused ST-elevation myocardial infarction: An important prognostic indicator. American Heart Journal, 2016, 180, 117-127.	2.7	15
34	Combination of multiparametric <scp>MRI</scp> and transperineal templateâ€guided mapping biopsy ofÂthe prostate to identify candidates for hemiâ€ablative focal therapy. BJU International, 2016, 117, 48-54.	2.5	27
35	Prognostic value of high sensitivity troponin T after ST-segment elevation myocardial infarction in the era of cardiac magnetic resonance imaging. European Heart Journal Quality of Care & Clinical Outcomes, 2016, 2, 164-171.	4.0	9
36	Magnetic resonance imaging in lung: a review of its potential for radiotherapy. British Journal of Radiology, 2016, 89, 20150431.	2.2	41

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37	Automatic patient-customised 3D reconstruction of human costal cartilage from lung MDCT dataset. International Journal of Computer Assisted Radiology and Surgery, 2015, 10, 465-472.	2.8	2
38	Multiattribute probabilistic prostate elastic registration (MAPPER): Application to fusion of ultrasound and magnetic resonance imaging. Medical Physics, 2015, 42, 1153-1163.	3.0	12
39	High-sensitivity troponin T predicts infarct scar characteristics and adverse left ventricular function by cardiac magnetic resonance imaging early after reperfused acute myocardial infarction. American Heart Journal, 2015, 170, 715-725.e2.	2.7	34
40	Patient-customized 3D reconstruction of human ribs from lung MDCT dataset. , 2014, , .		2
41	Multiparametric Magnetic Resonance Imaging Guided Diagnostic Biopsy Detects Significant Prostate Cancer and could Reduce Unnecessary Biopsies and Over Detection: A Prospective Study. Journal of Urology, 2014, 192, 67-74.	0.4	189
42	What causes diminished corticomedullary differentiation in renal insufficiency?. Journal of Magnetic Resonance Imaging, 2007, 25, 790-795.	3.4	54
43	The scapuloacromial angle: A 3D analysis of acromial slope and its relationship with shoulder impingement. Journal of Magnetic Resonance Imaging, 2006, 24, 1371-1377.	3.4	16
44	Shoulder Impingement: Objective 3D Shape Analysis of Acromial Morphologic Features. Radiology, 2006, 239, 497-505.	7.3	43
45	Multidetector CT of the solitary pulmonary nodule. Seminars in Roentgenology, 2005, 40, 109-125.	0.6	3
46	A computer-based method of segmenting ground glass nodules in pulmonary CT images: comparison to expert radiologists' interpretations. , 2005, , .		4
47	Quantification of the curvature and shape of the interventricular septum. Magnetic Resonance in Medicine, 2004, 52, 154-163.	3.0	22