

David A Clunie

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

1,204
citations

394286

19
h-index

414303

32
g-index

52
all docs

52
docs citations

52
times ranked

1593
citing authors

#	ARTICLE	IF	CITATIONS
1	Implementing the DICOM Standard for Digital Pathology. Journal of Pathology Informatics, 2018, 9, 37.	0.8	93
2	ACR's AAPM's SIIM Technical Standard for Electronic Practice of Medical Imaging. Journal of Digital Imaging, 2013, 26, 38-52.	1.6	92
3	<title>Lossless compression of grayscale medical images: effectiveness of traditional and state-of-the-art approaches</title>. , 2000, 3980, 74.		80
4	Consistency and Standardization of Color in Medical Imaging: a Consensus Report. Journal of Digital Imaging, 2015, 28, 41-52.	1.6	78
5	Image Data Sharing for Biomedical Research's Meeting HIPAA Requirements for De-identification. Journal of Digital Imaging, 2012, 25, 14-24.	1.6	74
6	DICOM for quantitative imaging biomarker development: a standards based approach to sharing clinical data and structured PET/CT analysis results in head and neck cancer research. PeerJ, 2016, 4, e2057.	0.9	67
7	Intracranial arterial aneurysm due to birth trauma. Journal of Neurosurgery, 1992, 77, 799-803.	0.9	65
8	DICOM Structured Reporting and Cancer Clinical Trials Results. Cancer Informatics, 2007, 4, CIN.S37032.	0.9	48
9	Identification of a patent paraumbilical vein by using Doppler sonography: importance in the diagnosis of portal hypertension. American Journal of Roentgenology, 1989, 153, 513-516.	1.0	47
10	Osmotic blood-brain barrier disruption: CT and radionuclide imaging. American Journal of Neuroradiology, 1994, 15, 581-90.	1.2	40
11	<title>JPEG 2000 compression of medical imagery</title>. , 2000, 3980, 85.		39
12	Comparison of 1D, 2D, and 3D Nodule Sizing Methods by Radiologists for Spherical and Complex Nodules on Thoracic CT Phantom Images. Academic Radiology, 2014, 21, 30-40.	1.3	39
13	Digital Imaging and Communications in Medicine Whole Slide Imaging Connectathon at Digital Pathology Association Pathology Visions 2017. Journal of Pathology Informatics, 2018, 9, 6.	0.8	37
14	Transforming Dermatologic Imaging for the Digital Era: Metadata and Standards. Journal of Digital Imaging, 2018, 31, 568-577.	1.6	34
15	Technical Challenges of Enterprise Imaging: HIMSS-SIIM Collaborative White Paper. Journal of Digital Imaging, 2016, 29, 583-614.	1.6	32
16	<i>dcmqi</i>: An Open Source Library for Standardized Communication of Quantitative Image Analysis Results Using DICOM. Cancer Research, 2017, 77, e87-e90.	0.4	31
17	A Digital Reference Object to Analyze Calculation Accuracy of PET Standardized Uptake Value. Radiology, 2015, 277, 538-545.	3.6	29
18	NCI Imaging Data Commons. Cancer Research, 2021, 81, 4188-4193.	0.4	28

#	ARTICLE	IF	CITATIONS
19	Determining the Variability of Lesion Size Measurements from CT Patient Data Sets Acquired under "No Change" Conditions. <i>Translational Oncology</i> , 2015, 8, 55-64.	1.7	26
20	An annotated test-retest collection of prostate multiparametric MRI. <i>Scientific Data</i> , 2018, 5, 180281.	2.4	26
21	DICOM Format and Protocol Standardization "A Core Requirement for Digital Pathology Success. <i>Toxicologic Pathology</i> , 2021, 49, 738-749.	0.9	23
22	The effect of buphthalmos on orbital growth in early childhood: Increased orbital soft tissue volume strongly correlates with increased orbital volume. <i>Journal of AAPOS</i> , 1998, 2, 39-42.	0.2	17
23	The Importance of Body Part Labeling to Enable Enterprise Imaging: A HIMSS-SIIM Enterprise Imaging Community Collaborative White Paper. <i>Journal of Digital Imaging</i> , 2021, 34, 1-15.	1.6	15
24	Standardization of neurophysiology signal data into the DICOM® standard. <i>Clinical Neurophysiology</i> , 2021, 132, 993-997.	0.7	15
25	Dual-Personality DICOM-TIFF for Whole Slide Images: A Migration Technique for Legacy Software. <i>Journal of Pathology Informatics</i> , 2019, 10, 12.	0.8	14
26	Lacrimal gland involvement in Kikuchi-Fujimoto disease. <i>Orbit</i> , 1998, 17, 113-117.	0.5	13
27	Temporal Crescent Syndrome with Magnetic Resonance Correlation. <i>Journal of Neuro-Ophthalmology</i> , 1997, 17, 151-155.	0.4	12
28	Quantitative Imaging Informatics for Cancer Research. <i>JCO Clinical Cancer Informatics</i> , 2020, 4, 444-453.	1.0	11
29	Multispecialty Enterprise Imaging Workgroup Consensus on Interactive Multimedia Reporting Current State and Road to the Future: HIMSS-SIIM Collaborative White Paper. <i>Journal of Digital Imaging</i> , 2021, 34, 495-522.	1.6	10
30	Detection of discrete white matter lesions after irreversible compression of MR images. <i>American Journal of Neuroradiology</i> , 1995, 16, 1435-40.	1.2	9
31	DICOM re-encoding of volumetrically annotated Lung Imaging Database Consortium (LIDC) nodules. <i>Medical Physics</i> , 2020, 47, 5953-5965.	1.6	8
32	The Role of DICOM in Artificial Intelligence for Skin Disease. <i>Frontiers in Medicine</i> , 2020, 7, 619787.	1.2	8
33	<title>Designing and implementing a PACS-aware DICOM image object for digital x-ray, mammography, and intraoral applications</title>. , 1999, 3662, 83.		7
34	<title>DICOM structured reporting: an object model as an implementation boundary</title>. , 2001, , .		6
35	Block selective redaction for minimizing loss during de-identification of burned in text in irreversibly compressed JPEG medical images. <i>Journal of Medical Imaging</i> , 2015, 2, 016501.	0.8	5
36	Evaluation of 1D, 2D and 3D nodule size estimation by radiologists for spherical and non-spherical nodules through CT thoracic phantom imaging. , 2011, , .		4

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37	Summary of the AAPM task group 248 report: Interoperability assessment for the commissioning of medical imaging acquisition systems. <i>Medical Physics</i> , 2019, 46, e671-e677.	1.6	3
38	Design and Implementation of the Pre-Clinical DICOM Standard in Multi-Cohort Murine Studies. <i>Tomography</i> , 2021, 7, 1-9.	0.8	3
39	DICOM in Dermoscopic Research: an Experience Report and a Way Forward. <i>Journal of Digital Imaging</i> , 2021, 34, 967-973.	1.6	2
40	Consistency of Lesion Size in Digital Mammography. <i>American Journal of Roentgenology</i> , 2010, 195, W257-W257.	1.0	1
41	Editorial to "RANZCR Body Systems Framework of Diagnostic Imaging Examination Descriptors". <i>Journal of Medical Imaging and Radiation Oncology</i> , 2014, 58, 403-407.	0.9	1
42	Letter to the editor of the <i>Journal of Medical Systems</i> : Regarding "De-Identification of Radiomics Data Retaining Longitudinal Temporal Information". <i>Journal of Medical Systems</i> , 2020, 44, 121.	2.2	1
43	What is the abdomen? Rationalising clinical and anatomical perspectives using formal semantics. <i>Journal of Anatomy</i> , 2021, 238, 1472-1491.	0.9	1
44	<title>Progress in extending DICOM to media interchange</title>., 1997, , .		0