

David A Clunie

List of Publications by Year in descending order

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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	DICOM Format and Protocol Standardization – A Core Requirement for Digital Pathology Success. <i>Toxicologic Pathology</i> , 2021, 49, 738-749.	0.9	23
2	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
3	What is the abdomen? Rationalising clinical and anatomical perspectives using formal semantics. <i>Journal of Anatomy</i> , 2021, 238, 1472-1491.	0.9	1
4	Design and Implementation of the Pre-Clinical DICOM Standard in Multi-Cohort Murine Studies. <i>Tomography</i> , 2021, 7, 1-9.	0.8	3
5	Standardization of neurophysiology signal data into the DICOM® standard. <i>Clinical Neurophysiology</i> , 2021, 132, 993-997.	0.7	15
6	NCI Imaging Data Commons. <i>Cancer Research</i> , 2021, 81, 4188-4193.	0.4	28
7	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
8	DICOM in Dermoscopic Research: an Experience Report and a Way Forward. <i>Journal of Digital Imaging</i> , 2021, 34, 967-973.	1.6	2
9	DICOM re-encoding of volumetrically annotated Lung Imaging Database Consortium (LIDC) nodules. <i>Medical Physics</i> , 2020, 47, 5953-5965.	1.6	8
10	Quantitative Imaging Informatics for Cancer Research. <i>JCO Clinical Cancer Informatics</i> , 2020, 4, 444-453.	1.0	11
11	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
12	The Role of DICOM in Artificial Intelligence for Skin Disease. <i>Frontiers in Medicine</i> , 2020, 7, 619787.	1.2	8
13	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
14	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
15	Transforming Dermatologic Imaging for the Digital Era: Metadata and Standards. <i>Journal of Digital Imaging</i> , 2018, 31, 568-577.	1.6	34
16	An annotated test-retest collection of prostate multiparametric MRI. <i>Scientific Data</i> , 2018, 5, 180281.	2.4	26
17	Digital Imaging and Communications in Medicine Whole Slide Imaging Connectathon at Digital Pathology Association Pathology Visions 2017. <i>Journal of Pathology Informatics</i> , 2018, 9, 6.	0.8	37
18	Implementing the DICOM Standard for Digital Pathology. <i>Journal of Pathology Informatics</i> , 2018, 9, 37.	0.8	93

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19	<i>i></i> dcmqi</i>: An Open Source Library for Standardized Communication of Quantitative Image Analysis Results Using DICOM. <i>Cancer Research</i> , 2017, 77, e87-e90.	0.4	31
20	Technical Challenges of Enterprise Imaging: HIMSS-SIIM Collaborative White Paper. <i>Journal of Digital Imaging</i> , 2016, 29, 583-614.	1.6	32
21	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. <i>PeerJ</i> , 2016, 4, e2057.	0.9	67
22	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
23	Consistency and Standardization of Color in Medical Imaging: a Consensus Report. <i>Journal of Digital Imaging</i> , 2015, 28, 41-52.	1.6	78
24	A Digital Reference Object to Analyze Calculation Accuracy of PET Standardized Uptake Value. <i>Radiology</i> , 2015, 277, 538-545.	3.6	29
25	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
26	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
27	Comparison of 1D, 2D, and 3D Nodule Sizing Methods by Radiologists for Spherical and Complex Nodules on Thoracic CT Phantom Images. <i>Academic Radiology</i> , 2014, 21, 30-40.	1.3	39
28	ACR "AAPM" SIIM Technical Standard for Electronic Practice of Medical Imaging. <i>Journal of Digital Imaging</i> , 2013, 26, 38-52.	1.6	92
29	Image Data Sharing for Biomedical Research "Meeting HIPAA Requirements for De-identification. <i>Journal of Digital Imaging</i> , 2012, 25, 14-24.	1.6	74
30	Evaluation of 1D, 2D and 3D nodule size estimation by radiologists for spherical and non-spherical nodules through CT thoracic phantom imaging. , 2011, , .		4
31	Consistency of Lesion Size in Digital Mammography. <i>American Journal of Roentgenology</i> , 2010, 195, W257-W257.	1.0	1
32	DICOM Structured Reporting and Cancer Clinical Trials Results. <i>Cancer Informatics</i> , 2007, 4, CIN.S37032.	0.9	48
33	<title>DICOM structured reporting: an object model as an implementation boundary</title>. , 2001, , .		6
34	<title>JPEG 2000 compression of medical imagery</title>. , 2000, 3980, 85.		39
35	<title>Lossless compression of grayscale medical images: effectiveness of traditional and state-of-the-art approaches</title>. , 2000, 3980, 74.		80
36	<title>Designing and implementing a PACS-aware DICOM image object for digital x-ray, mammography, and intraoral applications</title>. , 1999, 3662, 83.		7

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37	The effect of buphthalmos on orbital growth in early childhood: Increased orbital soft tissue volume strongly correlates with increased orbital volume. Journal of AAPOS, 1998, 2, 39-42.	0.2	17
38	Lacrimal gland involvement in Kikuchi-Fujimoto disease. Orbit, 1998, 17, 113-117.	0.5	13
39	Temporal Crescent Syndrome with Magnetic Resonance Correlation. Journal of Neuro-Ophthalmology, 1997, 17, 151-155.	0.4	12
40	<title>Progress in extending DICOM to media interchange</title>., 1997,,.		0
41	Detection of discrete white matter lesions after irreversible compression of MR images. American Journal of Neuroradiology, 1995, 16, 1435-40.	1.2	9
42	Osmotic blood-brain barrier disruption: CT and radionuclide imaging. American Journal of Neuroradiology, 1994, 15, 581-90.	1.2	40
43	Intracranial arterial aneurysm due to birth trauma. Journal of Neurosurgery, 1992, 77, 799-803.	0.9	65
44	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