Fred Prior

List of Publications by Year
in descending order

37 papers	4,493 citations	516215 16 h-index	414034 32 g-index
40 all docs	40 docs citations	40 times ranked	6274 citing authors

#	ARTICLE	IF	CITATIONS
1	The Cancer Imaging Archive (TCIA): Maintaining and Operating a Public Information Repository. Journal of Digital Imaging, 2013, 26, 1045-1057.	1.6	2,844
2	Informatics and Data Mining Tools and Strategies for the Human Connectome Project. Frontiers in Neuroinformatics, 2011, 5, 4.	1.3	484
3	The Brain of LB1, Homo floresiensis. Science, 2005, 308, 242-245.	6.0	246
4	Highly accurate model for prediction of lung nodule malignancy with CT scans. Scientific Reports, 2018, 8, 9286.	1.6	139
5	Role of Machine Learning Techniques to Tackle the COVID-19 Crisis: Systematic Review. JMIR Medical Informatics, 2021, 9, e23811.	1.3	100
6	LB1â€™s virtual endocast, microcephaly, and hominin brain evolution. Journal of Human Evolution, 2009, 57, 597-607.	1.3	87
7	The public cancer radiology imaging collections of The Cancer Imaging Archive. Scientific Data, 2017, 4, 170124.	2.4	84
8	Brain shape in human microcephalics and Homo floresiensis. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 2513-2518.	3.3	83
9	Data preparation for artificial intelligence in medical imaging: A comprehensive guide to open-access platforms and tools. Physica Medica, 2021, 83, 25-37.	0.4	63
10	Interactive Separation of Segmented Bones in CT Volumes Using Graph Cut. Lecture Notes in Computer Science, 2008, 11, 296-304.	1.0	40
11	Will the Next Generation of PACS Be Sitting on a Cloud?. Journal of Digital Imaging, 2011, 24, 179-183.	1.6	37
12	Chest imaging representing a COVID-19 positive rural U.S. population. Scientific Data, 2020, 7, 414.	2.4	33
13	The type specimen (LB1) of <i>Homo floresiensis</i> did not have Laron Syndrome. American Journal of Physical Anthropology, 2009, 140, 52-63.	2.1	29
14	Response to Comment on "The Brain of LB1, Homo floresiensis". Science, 2005, 310, 236c-236c.	6.0	27
15	Overview of the American Society for Radiation Oncologyâ€"National Institutes of Healthâ€"American Association of Physicists in Medicine Workshop 2015: Exploring Opportunities for Radiation Oncology in the Era of Big Data. International Journal of Radiation Oncology Biology Physics, 2016, 95, 873-879.	0.4	27
16	PRISM: A Platform for Imaging in Precision Medicine. JCO Clinical Cancer Informatics, 2020, 4, 491-499.	1.0	16
17	A DICOM dataset for evaluation of medical image de-identification. Scientific Data, 2021, 8, 183.	2.4	14
18	Quantitative Imaging Informatics for Cancer Research. JCO Clinical Cancer Informatics, 2020, 4, 444-453.	1.0	11

#	Article	IF	Citations
19	Potential impact of HITECH security regulations on medical imaging. , 2009, 2009, 2157-60.		10
20	Nonpathological asymmetry in LB1 (<i>Homo floresiensis</i>): A reply to Eckhardt and Henneberg. American Journal of Physical Anthropology, 2010, 143, 340-342.	2.1	10
21	Bone Mineral Density of the Tarsals and Metatarsals With Reloading. Physical Therapy, 2008, 88, 766-779.	1.1	8
22	VERITAS: COMBINING EXPERT OPINIONS WITHOUT LABELED DATA. International Journal on Artificial Intelligence Tools, 2009, 18, 633-651.	0.7	8
23	DICOM reâ€encoding of volumetrically annotated Lung Imaging Database Consortium (LIDC) nodules. Medical Physics, 2020, 47, 5953-5965.	1.6	8
24	Semantic Integration of Multi-Modal Data and Derived Neuroimaging Results Using the Platform for Imaging in Precision Medicine (PRISM) in the Arkansas Imaging Enterprise System (ARIES). Frontiers in Artificial Intelligence, 2021, 4, 649970.	2.0	8
25	Introduction to special issue on datasets hosted in The Cancer Imaging Archive (TCIA). Medical Physics, 2020, 47, 6026-6028.	1.6	7
26	Toolkit to Compute Time-Based Elixhauser Comorbidity Indices and Extension to Common Data Models. Healthcare Informatics Research, 2020, 26, 193-200.	1.0	7
27	Developing a biomarker for neuropathic arthropathy in diabetic patients. , 2007, , .		6
28	Factors Associated with Increased Adoption of a Research Data Warehouse. Studies in Health Technology and Informatics, 2019, 257, 31-35.	0.2	6
29	Automated, Foot-Bone Registration Using Subdivision-Embedded Atlases for Spatial Mapping of Bone Mineral Density. Journal of Digital Imaging, 2013, 26, 554-562.	1.6	5
30	API Driven On-Demand Participant ID Pseudonymization in Heterogeneous Multi-Study Research. Healthcare Informatics Research, 2021, 27, 39-47.	1.0	5
31	A wake-up call for the engineering and biomedical science communities. IEEE Circuits and Systems Magazine, 2009, 9, 69-77.	2.6	4
32	Automated measurement of skull circumference, cranial index, and braincase volume from pediatric computed tomography. , 2013, 2013, 3977-80.		4
33	Predictive Radiation Oncology â€" A New NCIâ€"DOE Scientific Space and Community. Radiation Research, 2022, 197, .	0.7	4
34	Regulatory compliance requirements for an open source electronic image trial management system. , 2010, 2010, 3475-8.		3
35	Machine Learning Approach to Optimize Sedation Use in Endoscopic Procedures. Studies in Health Technology and Informatics, 2021, 281, 183-187.	0.2	2
36	The h-ANN Model: Comprehensive Colonoscopy Concept Compilation using Combined Contextual Embeddings. , 2022, 5, 189-200.		2

#	Article	IF	Citations
37	DeIDNER Model: A Neural Network Named Entity Recognition Model for Use in the De-identification of Clinical Notes. , 2022, 5, 640-647.		2