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	Predictive Radiation Oncology â€" A New NCIâ€"DOE Scientific Space and Community. Radiation Research, 2022, 197, .	0.7	4
2	The h-ANN Model: Comprehensive Colonoscopy Concept Compilation using Combined Contextual Embeddings. , 2022, 5, 189-200.		2
3	DeIDNER Model: A Neural Network Named Entity Recognition Model for Use in the De-identification of Clinical Notes. , 2022, 5, 640-647.		2
4	API Driven On-Demand Participant ID Pseudonymization in Heterogeneous Multi-Study Research. Healthcare Informatics Research, 2021, 27, 39-47.	1.0	5
5	Role of Machine Learning Techniques to Tackle the COVID-19 Crisis: Systematic Review. JMIR Medical Informatics, 2021, 9, e23811.	1.3	100
6	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
7	Machine Learning Approach to Optimize Sedation Use in Endoscopic Procedures. Studies in Health Technology and Informatics, 2021, 281, 183-187.	0.2	2
8	A DICOM dataset for evaluation of medical image de-identification. Scientific Data, 2021, 8, 183.	2.4	14
9	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
10	Introduction to special issue on datasets hosted in The Cancer Imaging Archive (TCIA). Medical Physics, 2020, 47, 6026-6028.	1.6	7
11	Chest imaging representing a COVID-19 positive rural U.S. population. Scientific Data, 2020, 7, 414.	2.4	33
12	DICOM reâ€encoding of volumetrically annotated Lung Imaging Database Consortium (LIDC) nodules. Medical Physics, 2020, 47, 5953-5965.	1.6	8
13	Quantitative Imaging Informatics for Cancer Research. JCO Clinical Cancer Informatics, 2020, 4, 444-453.	1.0	11
14	PRISM: A Platform for Imaging in Precision Medicine. JCO Clinical Cancer Informatics, 2020, 4, 491-499.	1.0	16
15	Toolkit to Compute Time-Based Elixhauser Comorbidity Indices and Extension to Common Data Models. Healthcare Informatics Research, 2020, 26, 193-200.	1.0	7
16	Factors Associated with Increased Adoption of a Research Data Warehouse. Studies in Health Technology and Informatics, 2019, 257, 31-35.	0.2	6
17	Highly accurate model for prediction of lung nodule malignancy with CT scans. Scientific Reports, 2018, 8, 9286.	1.6	139
18	The public cancer radiology imaging collections of The Cancer Imaging Archive. Scientific Data, 2017, 4, 170124.	2.4	84

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19	Overview of the American Society for Radiation Oncology–National Institutes of Health–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
20	The Cancer Imaging Archive (TCIA): Maintaining and Operating a Public Information Repository. Journal of Digital Imaging, 2013, 26, 1045-1057.	1.6	2,844
21	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
22	Automated measurement of skull circumference, cranial index, and braincase volume from pediatric computed tomography. , 2013, 2013, 3977-80.		4
23	Informatics and Data Mining Tools and Strategies for the Human Connectome Project. Frontiers in Neuroinformatics, 2011, 5, 4.	1.3	484
24	Will the Next Generation of PACS Be Sitting on a Cloud?. Journal of Digital Imaging, 2011, 24, 179-183.	1.6	37
25	Nonpathological asymmetry in LB1 (*Homo floresiensis*): A reply to Eckhardt and Henneberg. American Journal of Physical Anthropology, 2010, 143, 340-342.	2.1	10
26	Regulatory compliance requirements for an open source electronic image trial management system. , 2010, 2010, 3475-8.		3
27	A wake-up call for the engineering and biomedical science communities. IEEE Circuits and Systems Magazine, 2009, 9, 69-77.	2.6	4
28	Potential impact of HITECH security regulations on medical imaging. , 2009, 2009, 2157-60.		10
29	LB1's virtual endocast, microcephaly, and hominin brain evolution. Journal of Human Evolution, 2009, 57, 597-607.	1.3	87
30	The type specimen (LB1) of *Homo floresiensis* did not have Laron Syndrome. American Journal of Physical Anthropology, 2009, 140, 52-63.	2.1	29
31	VERITAS: COMBINING EXPERT OPINIONS WITHOUT LABELED DATA. International Journal on Artificial Intelligence Tools, 2009, 18, 633-651.	0.7	8
32	Bone Mineral Density of the Tarsals and Metatarsals With Reloading. Physical Therapy, 2008, 88, 766-779.	1.1	8
33	Interactive Separation of Segmented Bones in CT Volumes Using Graph Cut. Lecture Notes in Computer Science, 2008, 11, 296-304.	1.0	40
34	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
35	Developing a biomarker for neuropathic arthropathy in diabetic patients. , 2007, , .		6
36	Response to Comment on "The Brain of LB1, Homo floresiensis". Science, 2005, 310, 236c-236c.	6.0	27

#	Article	IF	Citations
37	The Brain of LB1, Homo floresiensis. Science, 2005, 308, 242-245.	6.0	246