Fred W Prior

List of Publications by Year
in descending order

51 papers	3,928 citations	471509 17 h-index	289244 40 g-index
57 all docs	57 docs citations	57 times ranked	5579 citing authors

#	Article	IF	Citations
1	Predictive Radiation Oncology â€" A New NCIâ€"DOE Scientific Space and Community. Radiation Research, 2022, 197, .	1.5	4
2	The h-ANN Model: Comprehensive Colonoscopy Concept Compilation using Combined Contextual Embeddings. , 2022, 5, 189-200.		2
3	TAX-Corpus: Taxonomy based Annotations for Colonoscopy Evaluation. , 2022, 2022, 162-169.		0
4	DeIDNER Model: A Neural Network Named Entity Recognition Model for Use in the De-identification of Clinical Notes. , 2022, 5, 640-647.		2
5	API Driven On-Demand Participant ID Pseudonymization in Heterogeneous Multi-Study Research. Healthcare Informatics Research, 2021, 27, 39-47.	1.9	5
6	Two SARS-CoV-2 Genome Sequences of Isolates from Rural U.S. Patients Harboring the D614G Mutation, Obtained Using Nanopore Sequencing. Microbiology Resource Announcements, 2021, 10, .	0.6	9
7	Role of Machine Learning Techniques to Tackle the COVID-19 Crisis: Systematic Review. JMIR Medical Informatics, 2021, 9, e23811.	2.6	100
8	Data preparation for artificial intelligence in medical imaging: A comprehensive guide to open-access platforms and tools. Physica Medica, 2021, 83, 25-37.	0.7	63
9	Application of Machine Learning in Intensive Care Unit (ICU) Settings Using MIMIC Dataset: Systematic Review. Informatics, 2021, 8, 16.	3.9	24
10	Quality assurance in radiation oncology. Pediatric Blood and Cancer, 2021, 68, e28609.	1.5	9
11	DeIDNER Corpus: Annotation of Clinical Discharge Summary Notes for Named Entity Recognition Using BRAT Tool. Studies in Health Technology and Informatics, 2021, 281, 432-436.	0.3	7
12	Consolidated EHR Workflow for Endoscopy Quality Reporting. Studies in Health Technology and Informatics, 2021, 281, 427-431.	0.3	2
13	Machine Learning Approach to Optimize Sedation Use in Endoscopic Procedures. Studies in Health Technology and Informatics, 2021, 281, 183-187.	0.3	2
14	Deep Learning Methods to Predict Mortality in COVID-19 Patients: A Rapid Scoping Review. Studies in Health Technology and Informatics, 2021, 281, 799-803.	0.3	2
15	A DICOM dataset for evaluation of medical image de-identification. Scientific Data, 2021, 8, 183.	5.3	14
16	Heuristic Oncological Prognosis Evaluator (HOPE): Deep-Learning Framework to Detect Multiple Cancers. Journal of Student Research, 2021, 10, .	0.1	0
17	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.	3.4	8
18	Introduction to special issue on datasets hosted in The Cancer Imaging Archive (TCIA). Medical Physics, 2020, 47, 6026-6028.	3.0	7

#	Article	IF	Citations
19	Chest imaging representing a COVID-19 positive rural U.S. population. Scientific Data, 2020, 7, 414.	5.3	33
20	DICOM reâ€encoding of volumetrically annotated Lung Imaging Database Consortium (LIDC) nodules. Medical Physics, 2020, 47, 5953-5965.	3.0	8
21	Imaging and Neuro-Oncology Clinical Trials of the National Clinical Trials Network (NCTN). , 2020, , .		0
22	Quantitative Imaging Informatics for Cancer Research. JCO Clinical Cancer Informatics, 2020, 4, 444-453.	2.1	11
23	PRISM: A Platform for Imaging in Precision Medicine. JCO Clinical Cancer Informatics, 2020, 4, 491-499.	2.1	16
24	Toolkit to Compute Time-Based Elixhauser Comorbidity Indices and Extension to Common Data Models. Healthcare Informatics Research, 2020, 26, 193-200.	1.9	7
25	Document Oriented Graphical Analysis and Prediction. Studies in Health Technology and Informatics, 2020, 270, 183-187.	0.3	0
26	Enhancing Clinical Data and Clinical Research Data with Biomedical Ontologies - Insights from the Knowledge Representation Perspective. Yearbook of Medical Informatics, 2019, 28, 140-151.	1.0	10
27	Pragmatic randomised clinical trial of proton versus photon therapy for patients with non-metastatic breast cancer: the Radiotherapy Comparative Effectiveness (RadComp) Consortium trial protocol. BMJ Open, 2019, 9, e025556.	1.9	60
28	Factors Associated with Increased Adoption of a Research Data Warehouse. Studies in Health Technology and Informatics, 2019, 257, 31-35.	0.3	6
29	A Candidate Imaging Marker for Early Detection of Charcot Neuroarthropathy. Journal of Clinical Densitometry, 2018, 21, 485-492.	1.2	5
30	Highly accurate model for prediction of lung nodule malignancy with CT scans. Scientific Reports, 2018, 8, 9286.	3.3	139
31	Persistent inflammation with pedal osteolysis 1 year after Charcot neuropathic osteoarthropathy. Journal of Diabetes and Its Complications, 2017, 31, 1014-1020.	2.3	20
32	The public cancer radiology imaging collections of The Cancer Imaging Archive. Scientific Data, 2017, 4, 170124.	5.3	84
33	Gibbs distribution for statistical analysis of graphical data with a sample application to fcMRI brain images. Statistics in Medicine, 2016, 35, 566-580.	1.6	20
34	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.	0.8	27
35	How Will Big Data Improve Clinical and Basic Research in Radiation Therapy?. International Journal of Radiation Oncology Biology Physics, 2016, 95, 895-904.	0.8	25
36	Special Issue on Reproducible Research for Biomedical Informatics. Journal of Biomedical Informatics, 2016, 59, 317-318.	4.3	0

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37	Quantitative Multiparametric MRI Features and <i>PTEN</i> Expression of Peripheral Zone Prostate Cancer: A Pilot Study. American Journal of Roentgenology, 2016, 206, 559-565.	2.2	48
38	De-identification of Medical Images with Retention of Scientific Research Value. Radiographics, 2015, 35, 727-735.	3.3	55
39	Windlass Mechanism in Individuals With Diabetes Mellitus, Peripheral Neuropathy, and Low Medial Longitudinal Arch Height. Foot and Ankle International, 2014, 35, 816-824.	2.3	7
40	The Cancer Imaging Archive (TCIA): Maintaining and Operating a Public Information Repository. Journal of Digital Imaging, 2013, 26, 1045-1057.	2.9	2,844
41	TCIA: An information resource to enable open science. , 2013, 2013, 1282-5.		65
42	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
43	Medical Knowledge Discovery and Management. Military Medicine, 2009, 174, 21-26.	0.8	18
44	Potential impact of HITECH security regulations on medical imaging. , 2009, 2009, 2157-60.		10
45	Facial Recognition From Volume-Rendered Magnetic Resonance Imaging Data. IEEE Transactions on Information Technology in Biomedicine, 2009, 13, 5-9.	3.2	54
46	VERITAS: COMBINING EXPERT OPINIONS WITHOUT LABELED DATA. International Journal on Artificial Intelligence Tools, 2009, 18, 633-651.	1.0	8
47	Facial Recognition from Volume Rendered Magnetic Resonance Imaging Data. IEEE Transactions on Information Technology in Biomedicine, 2009, , .	3.2	0
48	Developing a biomarker for neuropathic arthropathy in diabetic patients. , 2007, , .		6
49	Open Source Software Projects of the caBIGâ„¢ In Vivo Imaging Workspace Software Special Interest Group. Journal of Digital Imaging, 2007, 20, 94-100.	2.9	19
50	Response to Comment on "The Brain of LB1, Homo floresiensis". Science, 2005, 310, 236c-236c.	12.6	27
51	Acquisition and Management of Data for Translational Science in Oncology. , 0, , .		1