

# Fred W Prior

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5417751/publications.pdf>

Version: 2024-02-01

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	The Cancer Imaging Archive (TCIA): Maintaining and Operating a Public Information Repository. <i>Journal of Digital Imaging</i> , 2013, 26, 1045-1057.	2.9	2,844
2	Highly accurate model for prediction of lung nodule malignancy with CT scans. <i>Scientific Reports</i> , 2018, 8, 9286.	3.3	139
3	Role of Machine Learning Techniques to Tackle the COVID-19 Crisis: Systematic Review. <i>JMIR Medical Informatics</i> , 2021, 9, e23811.	2.6	100
4	The public cancer radiology imaging collections of The Cancer Imaging Archive. <i>Scientific Data</i> , 2017, 4, 170124.	5.3	84
5	TCIA: An information resource to enable open science. , 2013, 2013, 1282-5.		65
6	Data preparation for artificial intelligence in medical imaging: A comprehensive guide to open-access platforms and tools. <i>Physica Medica</i> , 2021, 83, 25-37.	0.7	63
7	Pragmatic randomised clinical trial of proton versus photon therapy for patients with non-metastatic breast cancer: the Radiotherapy Comparative Effectiveness (RadComp) Consortium trial protocol. <i>BMJ Open</i> , 2019, 9, e025556.	1.9	60
8	De-identification of Medical Images with Retention of Scientific Research Value. <i>Radiographics</i> , 2015, 35, 727-735.	3.3	55
9	Facial Recognition From Volume-Rendered Magnetic Resonance Imaging Data. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2009, 13, 5-9.	3.2	54
10	Quantitative Multiparametric MRI Features and <i>PTEN</i> Expression of Peripheral Zone Prostate Cancer: A Pilot Study. <i>American Journal of Roentgenology</i> , 2016, 206, 559-565.	2.2	48
11	Chest imaging representing a COVID-19 positive rural U.S. population. <i>Scientific Data</i> , 2020, 7, 414.	5.3	33
12	Response to Comment on "The Brain of LB1, Homo floresiensis". <i>Science</i> , 2005, 310, 236c-236c.	12.6	27
13	Overview of the American Society for Radiation Oncology's "National Institutes of Health's American Association of Physicists in Medicine Workshop 2015: Exploring Opportunities for Radiation Oncology in the Era of Big Data. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 95, 873-879.	0.8	27
14	How Will Big Data Improve Clinical and Basic Research in Radiation Therapy?. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 95, 895-904.	0.8	25
15	Application of Machine Learning in Intensive Care Unit (ICU) Settings Using MIMIC Dataset: Systematic Review. <i>Informatics</i> , 2021, 8, 16.	3.9	24
16	Gibbs distribution for statistical analysis of graphical data with a sample application to fcMRI brain images. <i>Statistics in Medicine</i> , 2016, 35, 566-580.	1.6	20
17	Persistent inflammation with pedal osteolysis 1 year after Charcot neuropathic osteoarthropathy. <i>Journal of Diabetes and Its Complications</i> , 2017, 31, 1014-1020.	2.3	20
18	Open Source Software Projects of the caBIG's In Vivo Imaging Workspace Software Special Interest Group. <i>Journal of Digital Imaging</i> , 2007, 20, 94-100.	2.9	19

#	ARTICLE	IF	CITATIONS
19	Medical Knowledge Discovery and Management. <i>Military Medicine</i> , 2009, 174, 21-26.	0.8	18
20	PRISM: A Platform for Imaging in Precision Medicine. <i>JCO Clinical Cancer Informatics</i> , 2020, 4, 491-499.	2.1	16
21	A DICOM dataset for evaluation of medical image de-identification. <i>Scientific Data</i> , 2021, 8, 183.	5.3	14
22	Quantitative Imaging Informatics for Cancer Research. <i>JCO Clinical Cancer Informatics</i> , 2020, 4, 444-453.	2.1	11
23	Potential impact of HITECH security regulations on medical imaging. , 2009, 2009, 2157-60.		10
24	Nonpathological asymmetry in LB1 ( <i>Homo floresiensis</i> ): A reply to Eckhardt and Henneberg. <i>American Journal of Physical Anthropology</i> , 2010, 143, 340-342.	2.1	10
25	Enhancing Clinical Data and Clinical Research Data with Biomedical Ontologies - Insights from the Knowledge Representation Perspective. <i>Yearbook of Medical Informatics</i> , 2019, 28, 140-151.	1.0	10
26	Two SARS-CoV-2 Genome Sequences of Isolates from Rural U.S. Patients Harboring the D614G Mutation, Obtained Using Nanopore Sequencing. <i>Microbiology Resource Announcements</i> , 2021, 10, .	0.6	9
27	Quality assurance in radiation oncology. <i>Pediatric Blood and Cancer</i> , 2021, 68, e28609.	1.5	9
28	VERITAS: COMBINING EXPERT OPINIONS WITHOUT LABELED DATA. <i>International Journal on Artificial Intelligence Tools</i> , 2009, 18, 633-651.	1.0	8
29	DICOM re-encoding of volumetrically annotated Lung Imaging Database Consortium (LIDC) nodules. <i>Medical Physics</i> , 2020, 47, 5953-5965.	3.0	8
30	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). <i>Frontiers in Artificial Intelligence</i> , 2021, 4, 649970.	3.4	8
31	Windlass Mechanism in Individuals With Diabetes Mellitus, Peripheral Neuropathy, and Low Medial Longitudinal Arch Height. <i>Foot and Ankle International</i> , 2014, 35, 816-824.	2.3	7
32	Introduction to special issue on datasets hosted in The Cancer Imaging Archive (TCIA). <i>Medical Physics</i> , 2020, 47, 6026-6028.	3.0	7
33	DeIDNER Corpus: Annotation of Clinical Discharge Summary Notes for Named Entity Recognition Using BRAT Tool. <i>Studies in Health Technology and Informatics</i> , 2021, 281, 432-436.	0.3	7
34	Toolkit to Compute Time-Based Elixhauser Comorbidity Indices and Extension to Common Data Models. <i>Healthcare Informatics Research</i> , 2020, 26, 193-200.	1.9	7
35	Developing a biomarker for neuropathic arthropathy in diabetic patients. , 2007, , .		6
36	Factors Associated with Increased Adoption of a Research Data Warehouse. <i>Studies in Health Technology and Informatics</i> , 2019, 257, 31-35.	0.3	6

#	ARTICLE	IF	CITATIONS
37	A Candidate Imaging Marker for Early Detection of Charcot Neuroarthropathy. Journal of Clinical Densitometry, 2018, 21, 485-492.	1.2	5
38	API Driven On-Demand Participant ID Pseudonymization in Heterogeneous Multi-Study Research. Healthcare Informatics Research, 2021, 27, 39-47.	1.9	5
39	Predictive Radiation Oncology – A New NCI’s DOE Scientific Space and Community. Radiation Research, 2022, 197, .	1.5	4
40	Consolidated EHR Workflow for Endoscopy Quality Reporting. Studies in Health Technology and Informatics, 2021, 281, 427-431.	0.3	2
41	Machine Learning Approach to Optimize Sedation Use in Endoscopic Procedures. Studies in Health Technology and Informatics, 2021, 281, 183-187.	0.3	2
42	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
43	The h-ANN Model: Comprehensive Colonoscopy Concept Compilation using Combined Contextual Embeddings. , 2022, 5, 189-200.		2
44	DeIDNER Model: A Neural Network Named Entity Recognition Model for Use in the De-identification of Clinical Notes. , 2022, 5, 640-647.		2
45	Acquisition and Management of Data for Translational Science in Oncology. , 0, , .		1
46	Special Issue on Reproducible Research for Biomedical Informatics. Journal of Biomedical Informatics, 2016, 59, 317-318.	4.3	0
47	Imaging and Neuro-Oncology Clinical Trials of the National Clinical Trials Network (NCTN). , 2020, , .		0
48	Heuristic Oncological Prognosis Evaluator (HOPE): Deep-Learning Framework to Detect Multiple Cancers. Journal of Student Research, 2021, 10, .	0.1	0
49	TAX-Corpus: Taxonomy based Annotations for Colonoscopy Evaluation. , 2022, 2022, 162-169.		0
50	Facial Recognition from Volume Rendered Magnetic Resonance Imaging Data. IEEE Transactions on Information Technology in Biomedicine, 2009, , .	3.2	0
51	Document Oriented Graphical Analysis and Prediction. Studies in Health Technology and Informatics, 2020, 270, 183-187.	0.3	0