Huanmei Wu

List of Publications by Year
in descending order

61 papers	879 citations	686830 13 h-index	552369 26 g-index
64 all docs	64 docs citations	64 times ranked	1024 citing authors

#	Article	IF	Citations
1	Correlation and prediction uncertainties in the CyberKnife Synchrony respiratory tracking system. Medical Physics, 2011, 38, 4036-4044.	1.6	101
2	Online event-driven subsequence matching over financial data streams. , 2004, , .		87
3	A finite state model for respiratory motion analysis in image guided radiation therapy. Physics in Medicine and Biology, 2004, 49, 5357-5372.	1.6	77
4	Data Analytics and Modeling for Appointment No-show in Community Health Centers. Journal of Primary Care and Community Health, 2018, 9, 215013271881169.	1.0	61
5	IDO Immune Status after Chemoradiation May Predict Survival in Lung Cancer Patients. Cancer Research, 2018, 78, 809-816.	0.4	57
6	Gating based on internal/external signals with dynamic correlation updates. Physics in Medicine and Biology, 2008, 53, 7137-7150.	1.6	53
7	Subsequence matching on structured time series data. , 2005, , .		45
8	A novel fault diagnosis procedure based on improved symplectic geometry mode decomposition and optimized SVM. Measurement: Journal of the International Measurement Confederation, 2021, 173, 108644.	2.5	42
9	Survey: Real-Time Tumor Motion Prediction for Image-Guided Radiation Treatment. Computing in Science and Engineering, 2011, 13, 24-35.	1.2	39
10	Statistical analysis and correlation discovery of tumor respiratory motion. Physics in Medicine and Biology, 2007, 52, 4761-4774.	1.6	32
11	Dynamic gating window for compensation of baseline shift in respiratoryâ€gated radiation therapy. Medical Physics, 2011, 38, 1912-1918.	1.6	30
12	A Computational Approach for Defining a Signature of Î²-Cell Golgi Stress in Diabetes. Diabetes, 2020, 69, 2364-2376.	0.3	26
13	A state-based probabilistic model for tumor respiratory motion prediction. Physics in Medicine and Biology, 2010, 55, 7615-7631.	1.6	18
14	Upregulation of hsa_circ_0007874 suppresses the progression of ovarian cancer by regulating the miRâ€760/SOCS3 pathway. Cancer Medicine, 2020, 9, 2491-2499.	1.3	18
15	Transcription factor expression as a predictor of colon cancer prognosis: a machine learning practice. BMC Medical Genomics, 2020, 13, 135.	0.7	17
16	Machine Learning to Build and Validate a Model for Radiation Pneumonitis Prediction in Patients with Nonâ€"Small Cell Lung Cancer. Clinical Cancer Research, 2019, 25, 4343-4350.	3.2	16
17	A patient-oriented clinical decision support system for CRC risk assessment and preventative care. BMC Medical Informatics and Decision Making, 2018, 18, 118.	1.5	13
18	Predicting the results of RNA molecular specific hybridization using machine learning. IEEE/CAA Journal of Automatica Sinica, 2019, 6, 1384-1396.	8.5	12

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19	A sector-integration method for dose/MU calculation in a uniform scanning proton beam. Physics in Medicine and Biology, 2010, 55, N87-N95.	1.6	9
20	Reconciling disparate information in continuity of care documents: Piloting a system to consolidate structured clinical documents. Journal of Biomedical Informatics, 2017, 74, 123-129.	2.5	9
21	Impact of document consolidation on healthcare providers' perceived workload and information reconciliation tasks: a mixed methods study. Journal of the American Medical Informatics Association: JAMIA, 2019, 26, 134-142.	2.2	9
22	Dual-gated volumetric modulated arc therapy. Radiation Oncology, 2014, 9, 209.	1.2	7
23	LTL Model Checking Based on Binary Classification of Machine Learning. IEEE Access, 2019, 7, 135703-135719.	2.6	7
24	Weighted-Support Vector Machine Learning Classifier of Circulating Cytokine Biomarkers to Predict Radiation-Induced Lung Fibrosis in Non-Small-Cell Lung Cancer Patients. Frontiers in Oncology, 2020, 10, 601979.	1.3	7
25	Site-specific volumetric analysis of lung tumour motion. Physics in Medicine and Biology, 2010, 55, 3325-3337.	1.6	6
26	Bottom-up, integrated -omics analysis identifies broadly dosage-sensitive genes in breast cancer samples from TCGA. PLoS ONE, 2019, 14, e0210910.	1.1	6
27	A Data-Driven Assessment of the U.S. Health Informatics Programs and Job Market. Applied Clinical Informatics, 2022, 13, 327-338.	0.8	6
28	Use of dMLC for implementation of dynamic respiratory-gated radiation therapy. Medical Physics, 2013, 40, 101708.	1.6	5
29	Bioinformatics curriculum development and skill sets for bioinformaticians. , 2015, , .		5
30	Model Checking Temporal Logic Formulas Using Sticker Automata. BioMed Research International, 2017, 2017, 1-33.	0.9	5
31	Large-Scale Data Mining to Optimize Patient-Centered Scheduling at Health Centers. Journal of Healthcare Informatics Research, 2019, 3, 1-18.	5.3	5
32	MULTIPLE 3D MARKER LOCALIZATION AND TRACKING SYSTEM IN IMAGE-GUIDED RADIOTHERAPY. International Journal of Robotics and Automation, 2017, 32, .	0.1	5
33	An effective method to reduce the interplay effects between respiratory motion and a uniform scanning proton beam irradiation for liver tumors: A case study. Journal of Applied Clinical Medical Physics, 2019, 20, 220-228.	0.8	4
34	CGPE: an integrated online server for *C*ancer *G*ene and *P*athway *E*xploration. Bioinformatics, 2021, 37, 2201-2202.	1.8	4
35	Knowledge Discovery from Tumor Respiratory Motion Data. , 2008, , .		3
36	Influential factors for severe traffic crashes. , 2011, , .		3

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37	Dose monitoring and output correction for the effects of scanning field changes with uniform scanning proton beam. Medical Physics, 2011, 38, 4655-4661.	1.6	3
38	Predicting the results of molecular specific hybridization using boosted tree algorithm. Concurrency Computation Practice and Experience, 2020, 32, e4982.	1.4	3
39	Highly robust model of transcription regulator activity predicts breast cancer overall survival. BMC Medical Genomics, 2020, 13, 49.	0.7	3
40	Quality Assurance of Proton Compensators. IFMBE Proceedings, 2013, , 1719-1722.	0.2	3
41	A line profile–based double partial fusion method for acquiring planning CT of oversized patients in radiation treatment. Journal of Applied Clinical Medical Physics, 2012, 13, 20-31.	0.8	2
42	Benchmark Tests for the Model-Checking-Based IDS Algorithms. IEEE Access, 2019, 7, 135479-135498.	2.6	2
43	Graft-Versus-Host Disease–Free Antitumoral Signature After Allogeneic Donor Lymphocyte Injection Identified by Proteomics and Systems Biology. JCO Precision Oncology, 2019, 3, 1-11.	1.5	2
44	Analysis of SARS-CoV-2 sequences reveals transmission path and emergence of $S^{D\ 614G}$ mutation. , 2020, , .		2
45	AuthN-AuthZ: Integrated, User-Friendly and Privacy-Preserving Authentication and Authorization. , 2020, , .		2
46	Correlation between parameters describing tumour motion and its location in the lungs. Australasian Physical and Engineering Sciences in Medicine, 2007, 30, 341-4.	1.4	2
47	The CenSSIS image database. , 0, , .		1
48	Page File-Oriented Web Application Design. , 2016, , .		1
49	Customizing bioinformatics graduate programs for diversified student backgrounds. , 2016, , .		1
50	The Moving Target Induced Dosimetric Effect vs. Beam Direction in Proton Radiotherapy of Moving Lung Tumors. , 2008, , .		0
51	Correlation identification between internal/external motion signals. Proceedings of SPIE, 2008, , .	0.8	0
52	Quality Assurance of Internal/External Tumor Motion. , 2009, , .		0
53	Subsequence based treatment failure detection and intervention in image guided radiotherapy. , 2013, , .		0
54	Health Care Needs of Underserved Populations in the City of Indianapolis. , 2016, , .		0

#	Article	IF	Citations
55	Iterative volume morphing and learning for mobile tumor based on 4DCT. Physics in Medicine and Biology, 2017, 62, 1501-1517.	1.6	0
56	Family-HealthVault: A Group Caring and PHI Sharing Framework among Family Members. , 2019, , .		0
57	A Workflow-Driven Web Inventory Management System for Reprocessing Businesses. Communications in Computer and Information Science, 2017, , 321-335.	0.4	0
58	Healthcare Data Analytics for Parkinson's Disease Patients: A Study of Hospital Cost and Utilization in the United States. AMIA ... Annual Symposium proceedings, 2016, 2016, 1950-1958.	0.2	0
59	Community Partnerships for Enhanced Research Experience in Biomedical Informatics. , 2020, , .		0
60	A Health IT-Empowered Integrated Platform for Secure Vaccine Data Management and Intelligent Visual Analytics and Reporting. , 2022, , .		0
61	Word Embedding and Clustering for Patient-Centered Redesign of Appointment Scheduling in Ambulatory Care Settings.. AMIA ... Annual Symposium proceedings, 2021, 2021, 863-871.	0.2	0