

Yi-Ju Tseng

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

619
citations

687363

13
h-index

677142

22
g-index

49
all docs

49
docs citations

49
times ranked

762
citing authors

#	ARTICLE	IF	CITATIONS
1	Predicting post-stroke activities of daily living through a machine learning-based approach on initiating rehabilitation. <i>International Journal of Medical Informatics</i> , 2018, 111, 159-164.	3.3	86
2	Predicting breast cancer metastasis by using serum biomarkers and clinicopathological data with machine learning technologies. <i>International Journal of Medical Informatics</i> , 2019, 128, 79-86.	3.3	81
3	A new scheme for strain typing of methicillin-resistant <i>Staphylococcus aureus</i> on the basis of matrix-assisted laser desorption ionization time-of-flight mass spectrometry by using machine learning approach. <i>PLoS ONE</i> , 2018, 13, e0194289.	2.5	48
4	Development of a Machine Learning Model for Survival Risk Stratification of Patients With Advanced Oral Cancer. <i>JAMA Network Open</i> , 2020, 3, e2011768.	5.9	42
5	Rapid Detection of Heterogeneous Vancomycin-Intermediate <i>Staphylococcus aureus</i> Based on Matrix-Assisted Laser Desorption Ionization Time-of-Flight: Using a Machine Learning Approach and Unbiased Validation. <i>Frontiers in Microbiology</i> , 2018, 9, 2393.	3.5	37
6	Recurrence predictive models for patients with hepatocellular carcinoma after radiofrequency ablation using support vector machines with feature selection methods. <i>Computer Methods and Programs in Biomedicine</i> , 2014, 117, 425-434.	4.7	36
7	A multiple measurements case-based reasoning method for predicting recurrent status of liver cancer patients. <i>Computers in Industry</i> , 2015, 69, 12-21.	9.9	35
8	Incorporating Statistical Test and Machine Intelligence Into Strain Typing of <i>Staphylococcus haemolyticus</i> Based on Matrix-Assisted Laser Desorption Ionization-Time of Flight Mass Spectrometry. <i>Frontiers in Microbiology</i> , 2019, 10, 2120.	3.5	20
9	Information Extraction for Tracking Liver Cancer Patients' Statuses: From Mixture of Clinical Narrative Report Types. <i>Telemedicine Journal and E-Health</i> , 2013, 19, 704-710.	2.8	19
10	Web-Based Newborn Screening System for Metabolic Diseases: Machine Learning Versus Clinicians. <i>Journal of Medical Internet Research</i> , 2013, 15, e98.	4.3	19
11	Using Nation-Wide Health Insurance Claims Data to Augment Lyme Disease Surveillance. <i>Vector-Borne and Zoonotic Diseases</i> , 2015, 15, 591-596.	1.5	16
12	Risk Factors Associated with Outcomes of Recombinant Tissue Plasminogen Activator Therapy in Patients with Acute Ischemic Stroke. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 618.	2.6	15
13	Incidence and Patterns of Extended-Course Antibiotic Therapy in Patients Evaluated for Lyme Disease. <i>Clinical Infectious Diseases</i> , 2015, 61, 1536-1542.	5.8	13
14	Developing a Stacked Ensemble-Based Classification Scheme to Predict Second Primary Cancers in Head and Neck Cancer Survivors. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 12499.	2.6	13
15	A Web-Based, Hospital-Wide Health Care-Associated Bloodstream Infection Surveillance and Classification System: Development and Evaluation. <i>JMIR Medical Informatics</i> , 2015, 3, e31.	2.6	12
16	A Reliable User Authentication and Key Agreement Scheme for Web-Based Hospital-Acquired Infection Surveillance Information System. <i>Journal of Medical Systems</i> , 2012, 36, 2547-2555.	3.6	11
17	A Web-Based Multidrug-Resistant Organisms Surveillance and Outbreak Detection System with Rule-Based Classification and Clustering. <i>Journal of Medical Internet Research</i> , 2012, 14, e131.	4.3	10
18	Increase <i>Trichomonas vaginalis</i> detection based on urine routine analysis through a machine learning approach. <i>Scientific Reports</i> , 2019, 9, 11074.	3.3	9

#	ARTICLE	IF	CITATIONS
19	Clinically Applicable System for Rapidly Predicting Enterococcus faecium Susceptibility to Vancomycin. <i>Microbiology Spectrum</i> , 2021, 9, e0091321.	3.0	9
20	Multiple Time Series Clinical Data Processing for Classification with Merging Algorithm and Statistical Measures. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2014, 19, 1-1.	6.3	8
21	Antihyperglycemic Medications: A Claims-Based Estimate of First-line Therapy Use Prior to Initialization of Second-line Medications. <i>Diabetes Care</i> , 2017, 40, 1500-1505.	8.6	8
22	Developing epidemic forecasting models to assist disease surveillance for influenza with electronic health records. <i>International Journal of Computers and Applications</i> , 2020, 42, 616-621.	1.3	8
23	Energy Efficiency of Inference Algorithms for Clinical Laboratory Data Sets: Green Artificial Intelligence Study. <i>JMIR Medical Informatics</i> , 2022, 24, e28036.	2.6	7
24	Diffusion-weighted imaging versus dynamic contrast-enhanced imaging for pre-operative diagnosis of deep myometrial invasion in endometrial cancer: A meta-analysis. <i>Clinical Imaging</i> , 2021, 80, 36-42.	1.5	6
25	Renal function trajectories in hepatitis C infection: differences between renal healthy and chronic kidney disease individuals. <i>Scientific Reports</i> , 2021, 11, 17197.	3.3	5
26	The keyword-based and semantic-driven data matching approach for assisting structuralizing the textual clinical documents. , 2010, , .		4
27	Difference Between Estimated Purchase Price and Insurance Payments for Knee and Hip Implants in Privately Insured Patients Younger Than 65 Years. <i>JAMA - Journal of the American Medical Association</i> , 2017, 317, 854.	7.4	4
28	Claims-Based Diagnostic Patterns of Patients Evaluated for Lyme Disease and Given Extended Antibiotic Therapy. <i>Vector-Borne and Zoonotic Diseases</i> , 2017, 17, 116-122.	1.5	4
29	Machine-learning-based predictions of direct-acting antiviral therapy duration for patients with hepatitis C. <i>International Journal of Medical Informatics</i> , 2021, 154, 104562.	3.3	4
30	A Web-Based Data-Querying Tool Based on Ontology-Driven Methodology and Flowchart-Based Model. <i>JMIR Medical Informatics</i> , 2013, 1, e2.	2.6	4
31	MDRSA: A Web Based-Tool for Rapid Identification of Multidrug Resistant Staphylococcus aureus Based on Matrix-Assisted Laser Desorption Ionization-Time of Flight Mass Spectrometry. <i>Frontiers in Microbiology</i> , 2021, 12, 766206.	3.5	4
32	Clinical characteristics and outcomes of mixed virus or bacterial infection in children with laboratory-confirmed influenza infection. <i>Journal of the Formosan Medical Association</i> , 2022, 121, 2074-2084.	1.7	4
33	Value of the high-sensitivity troponin T assay for diagnosis of acute myocardial infarction in patients with and without renal insufficiency. <i>Renal Failure</i> , 2020, 42, 1142-1151.	2.1	3
34	The Pareto type I joint frailty-copula model for clustered bivariate survival data. <i>Communications in Statistics Part B: Simulation and Computation</i> , 0, , 1-25.	1.2	3
35	A web-based hospital-acquired infection surveillance information system. , 2010, , .		2
36	Multiple Time Series Data Processing for Classification with Period Merging Algorithm. <i>Procedia Computer Science</i> , 2014, 37, 301-308.	2.0	2

#	ARTICLE	IF	CITATIONS
37	<i>dxpr</i> : an R package for generating analysis-ready data from electronic health recordsâ€™ diagnoses and procedures. PeerJ Computer Science, 2021, 7, e520.	4.5	2
38	Newborn Screening for Phenylketonuria: Machine Learning vs Clinicians. , 2012, , .		1
39	Machine Learning Based Risk Prediction Models for Oral Squamous Cell Carcinoma Using Salivary Biomarkers. Studies in Health Technology and Informatics, 2021, 281, 498-499.	0.3	1
40	Extensive Validation and Prospective Observation of the Impact of an AI-Based Rapid Antibiotics Susceptibility Prediction Platform in Multiple Medical Centers. SSRN Electronic Journal, 0, , .	0.4	1
41	A healthcare-associated surgical site infection surveillance and decision support system. , 2014, , .		0
42	Investigating Unfavorable Factors That Impede MALDI-TOF-Based AI in Predicting Antibiotic Resistance. Diagnostics, 2022, 12, 413.	2.6	0