

Emily Chia-Yu Su

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

884
citations

566801

15
h-index

552369

26
g-index

58
all docs

58
docs citations

58
times ranked

1351
citing authors

#	ARTICLE	IF	CITATIONS
1	Applications of Google Search Trends for risk communication in infectious disease management: A case study of the COVID-19 outbreak in Taiwan. <i>International Journal of Infectious Diseases</i> , 2020, 95, 221-223.	1.5	189
2	Periodontitis as a Modifiable Risk Factor for Dementia: A Nationwide Population-Based Cohort Study. <i>Journal of the American Geriatrics Society</i> , 2017, 65, 301-305.	1.3	77
3	Predicting diabetic retinopathy and identifying interpretable biomedical features using machine learning algorithms. <i>BMC Bioinformatics</i> , 2018, 19, 283.	1.2	69
4	Comparison of Multivariable Logistic Regression and Other Machine Learning Algorithms for Prognostic Prediction Studies in Pregnancy Care: Systematic Review and Meta-Analysis. <i>JMIR Medical Informatics</i> , 2020, 8, e16503.	1.3	52
5	Artificial intelligence-assisted prediction of preeclampsia: Development and external validation of a nationwide health insurance dataset of the BPJS Kesehatan in Indonesia. <i>EBioMedicine</i> , 2020, 54, 102710.	2.7	33
6	Understanding the Community Risk Perceptions of the COVID-19 Outbreak in South Korea: Infodemiology Study. <i>Journal of Medical Internet Research</i> , 2020, 22, e19788.	2.1	30
7	ChemiRs: a web application for microRNAs and chemicals. <i>BMC Bioinformatics</i> , 2016, 17, 167.	1.2	29
8	BioCreative V BioC track overview: collaborative biocurator assistant task for BioGRID. <i>Database: the Journal of Biological Databases and Curation</i> , 2016, 2016, baw121.	1.4	28
9	Roles of Sedentary Behaviors and Unhealthy Foods in Increasing the Obesity Risk in Adult Men and Women: A Cross-Sectional National Study. <i>Nutrients</i> , 2018, 10, 704.	1.7	28
10	Prediction of HIV-1 protease cleavage site using a combination of sequence, structural, and physicochemical features. <i>BMC Bioinformatics</i> , 2016, 17, 478.	1.2	25
11	Prediction of Preeclampsia and Intrauterine Growth Restriction: Development of Machine Learning Models on a Prospective Cohort. <i>JMIR Medical Informatics</i> , 2020, 8, e15411.	1.3	23
12	Ovatodiolide, isolated from <i>Anisomeles indica</i> , suppresses bladder carcinogenesis through suppression of mTOR/ β -catenin/CDK6 and exosomal miR-21 derived from M2 tumor-associated macrophages. <i>Toxicology and Applied Pharmacology</i> , 2020, 401, 115109.	1.3	22
13	Deep learning for abdominal ultrasound: A computer-aided diagnostic system for the severity of fatty liver. <i>Journal of the Chinese Medical Association</i> , 2021, 84, 842-850.	0.6	22
14	An Examination on the Transmission of COVID-19 and the Effect of Response Strategies: A Comparative Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5687.	1.2	20
15	Maternal Vegetable and Fruit Consumption during Pregnancy and Its Effects on Infant Gut Microbiome. <i>Nutrients</i> , 2021, 13, 1559.	1.7	19
16	Predicting major neurologic improvement and long-term outcome after thrombolysis using artificial neural networks. <i>Journal of the Neurological Sciences</i> , 2020, 410, 116667.	0.3	16
17	Co-AMPpred for in silico-aided predictions of antimicrobial peptides by integrating composition-based features. <i>BMC Bioinformatics</i> , 2021, 22, 389.	1.2	16
18	Exploring online search behavior for COVID-19 preventive measures: The Philippine case. <i>PLoS ONE</i> , 2021, 16, e0249810.	1.1	13

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19	Human FBXL8 Is a Novel E3 Ligase Which Promotes BRCA Metastasis by Stimulating Pro-Tumorigenic Cytokines and Inhibiting Tumor Suppressors. <i>Cancers</i> , 2020, 12, 2210.	1.7	11
20	Prediction of nuclear proteins using nuclear translocation signals proposed by probabilistic latent semantic indexing. <i>BMC Bioinformatics</i> , 2012, 13, S13.	1.2	10
21	Hiltonol Cocktail Kills Lung Cancer Cells by Activating Cancer-Suppressors, PKR/OAS, and Restraining the Tumor Microenvironment. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1626.	1.8	10
22	Clinical Assay for the Early Detection of Colorectal Cancer Using Mass Spectrometric Wheat Germ Agglutinin Multiple Reaction Monitoring. <i>Cancers</i> , 2021, 13, 2190.	1.7	10
23	High variability in model performance of Google relative search volumes in spatially clustered COVID-19 areas of the USA. <i>International Journal of Infectious Diseases</i> , 2021, 109, 269-278.	1.5	9
24	Predicting Hyperoxia-Induced Lung Injury from Associated Intestinal and Lung Dysbiosis in Neonatal Mice. <i>Neonatology</i> , 2021, 118, 163-173.	0.9	8
25	An Examination of COVID-19 Mitigation Efficiency among 23 Countries. <i>Healthcare (Switzerland)</i> , 2021, 9, 755.	1.0	8
26	ILeukin10Pred: A Computational Approach for Predicting IL-10-Inducing Immunosuppressive Peptides Using Combinations of Amino Acid Global Features. <i>Biology</i> , 2022, 11, 5.	1.3	8
27	Prediction of robotic neurorehabilitation functional ambulatory outcome in patients with neurological disorders. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2021, 18, 174.	2.4	8
28	RNA editing-based classification of diffuse gliomas: predicting isocitrate dehydrogenase mutation and chromosome 1p/19q codeletion. <i>BMC Bioinformatics</i> , 2019, 20, 659.	1.2	7
29	Isotypes of autoantibodies against novel differential 4-hydroxy-2-nonenal-modified peptide adducts in serum is associated with rheumatoid arthritis in Taiwanese women. <i>BMC Medical Informatics and Decision Making</i> , 2021, 21, 49.	1.5	7
30	Efficient and Interpretable Prediction of Protein Functional Classes by Correspondence Analysis and Compact Set Relations. <i>PLoS ONE</i> , 2013, 8, e75542.	1.1	7
31	Expression of the AHPND Toxins PirAvp and PirBvp Is Regulated by Components of the <i>Vibrio parahaemolyticus</i> Quorum Sensing (QS) System. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2889.	1.8	7
32	Exploring associations of clinical and social parameters with violent behaviors among psychiatric patients. <i>Journal of Biomedical Informatics</i> , 2017, 75, S149-S159.	2.5	6
33	Data-Driven Approach to Improving the Risk Assessment Process of Medical Failures. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2069.	1.2	6
34	Multimorbidity Patterns of Chronic Diseases among Indonesians: Insights from Indonesian National Health Insurance (INHI) Sample Data. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8900.	1.2	6
35	Lightweight deep neural networks for cholelithiasis and cholecystitis detection by point-of-care ultrasound. <i>Computer Methods and Programs in Biomedicine</i> , 2021, 211, 106382.	2.6	6
36	Predicting New Daily COVID-19 Cases and Deaths Using Search Engine Query Data in South Korea From 2020 to 2021: Infodemiology Study. <i>Journal of Medical Internet Research</i> , 2021, 23, e34178.	2.1	6

#	ARTICLE	IF	CITATIONS
37	NTTMUNSW BioC modules for recognizing and normalizing species and gene/protein mentions. Database: the Journal of Biological Databases and Curation, 2016, 2016, baw111.	1.4	5
38	Predicting clinical pregnancy using clinical features and machine learning algorithms in in vitro fertilization. PLoS ONE, 2022, 17, e0267554.	1.1	5
39	Adverse Drug Reaction Post Classification with Imbalanced Classification Techniques. , 2018, , .		4
40	A Flexible Lockdown by Integrating Public Health and Economic Reactivation to Respond to the Crisis of COVID-19: Responses to Comments by Alvaro J Idrovo on "An Examination on the Transmission of COVID-19 and the Effect of Response Strategies: A Comparative Analysis". International Journal of Environmental Research and Public Health, 2020, 17, 8068.	1.2	1
41	Visual light perceptions caused by medical linear accelerator: Findings of machine-learning algorithms in a prospective questionnaire-based case-control study. PLoS ONE, 2021, 16, e0247597.	1.1	1
42	Improving Dengue Surveillance System with Administrative Claim Data in Indonesia: Opportunities and Challenges. Studies in Health Technology and Informatics, 2020, 270, 853-857.	0.2	1
43	Unity is Strength: Improving biomedical classification performance based on ensemble learning approaches. Computer Methods and Programs in Biomedicine, 2017, 142, A1.	2.6	0
44	Improving Allergenic Protein Prediction Using Physicochemical Features on Non-Redundant Sequences. , 2019, , .		0
45	Factors Affecting Treatment with Life-Saving Interventions, Computed Tomography Scans and Specialist Consultations. International Journal of Environmental Research and Public Health, 2020, 17, 2914.	1.2	0