Hsuan-Chia Yang

List of Publications by Year
in descending order

80	1,988	279798	289244
papers	citations	23	40
		h-index	g-index

92	92	92	2996
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	How Can Research on Artificial Empathy Be Enhanced by Applying Deepfakes?. Journal of Medical Internet Research, 2022, 24, e29506.	4.3	15
2	Chemopreventive Effects of Concomitant or Individual Use of Statins, Aspirin, Metformin, and Angiotensin Drugs: A Study Using Claims Data of 23 Million Individuals. Cancers, 2022, 14, 1211.	3.7	6
3	Alerts in Clinical Decision Support Systems (CDSS): A Bibliometric Review and Content Analysis. Healthcare (Switzerland), 2022, 10, 601.	2.0	11
4	Deep-ADCA: Development and Validation of Deep Learning Model for Automated Diagnosis Code Assignment Using Clinical Notes in Electronic Medical Records. Journal of Personalized Medicine, 2022, 12, 707.	2.5	1
5	Social media sentiment analysis to monitor the performance of vaccination coverage during the early phase of the national COVID-19 vaccine rollout. Computer Methods and Programs in Biomedicine, 2022, 221, 106838.	4.7	14
6	Proton Pump Inhibitor Use and Risk of Gastric Cancer: Current Evidence from Epidemiological Studies and Critical Appraisal. Cancers, 2022, 14, 3052.	3.7	12
7	Development of a Web-Based System for Exploring Cancer Risk With Long-term Use of Drugs: Logistic Regression Approach. JMIR Public Health and Surveillance, 2021, 7, e21401.	2.6	9
8	Obesity and Mortality Among Patients Diagnosed With COVID-19: A Systematic Review and Meta-Analysis. Frontiers in Medicine, 2021, 8, 620044.	2.6	87
9	Application of Artificial Intelligence for Screening COVID-19 Patients Using Digital Images: Meta-analysis. JMIR Medical Informatics, 2021, 9, e21394.	2.6	7
10	Deep into Laboratory: An Artificial Intelligence Approach to Recommend Laboratory Tests. Diagnostics, 2021, 11, 990.	2.6	11
11	Risk of cancer in longâ€term levothyroxine users: Retrospective populationâ€based study. Cancer Science, 2021, 112, 2533-2541.	3.9	10
12	Social Media Data Analytics for Outbreak Risk Communication: Public Attention on the â€œNew Normalâ€ During the COVID-19 Pandemic in Indonesia. Computer Methods and Programs in Biomedicine, 2021, 205, 106083.	4.7	21
13	The Effectiveness and Safety of Immune Checkpoint Inhibitors in Non-Small Cell Lung Cancer Patients With Stage III/IV: A Multicenter Study. Frontiers in Oncology, 2021, 11, 671127.	2.8	2
14	Logical Observation Identifiers Names and Codes (LOINCÂ®) Applied to Microbiology: A National Laboratory Mapping Experience in Taiwan. Diagnostics, 2021, 11, 1564.	2.6	1
15	Improved diagnosis-medication association mining to reduce pseudo-associations. Computer Methods and Programs in Biomedicine, 2021, 207, 106181.	4.7	6
16	Artificial Intelligenceâ€"Based Prediction of Lung Cancer Risk Using Nonimaging Electronic Medical Records: Deep Learning Approach. Journal of Medical Internet Research, 2021, 23, e26256.	4.3	24
17	Predicting Hepatocellular Carcinoma With Minimal Features From Electronic Health Records: Development of a Deep Learning Model. JMIR Cancer, 2021, 7, e19812.	2.4	11
18	Association between Use of Statin and Risk of Dementia: A Meta-Analysis of Observational Studies. Neuroepidemiology, 2020, 54, 214-226.	2.3	68

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19	Association between benzodiazepines use and risk of hip fracture in the elderly people: A meta-analysis of observational studies. Joint Bone Spine, 2020, 87, 241-249.	1.6	23
20	Clinical Characteristics and Neonatal Outcomes of Pregnant Patients With COVID-19: A Systematic Review. Frontiers in Medicine, 2020, 7, 573468.	2.6	30
21	Statin Use and the Risk of Hepatocellular Carcinoma: A Meta-Analysis of Observational Studies. Cancers, 2020, 12, 671.	3.7	60
22	Deep learning algorithms for detection of diabetic retinopathy in retinal fundus photographs: A systematic review and meta-analysis. Computer Methods and Programs in Biomedicine, 2020, 191, 105320.	4.7	102
23	Artificial Intelligence in Ophthalmology: A Meta-Analysis of Deep Learning Models for Retinal Vessels Segmentation. Journal of Clinical Medicine, 2020, 9, 1018.	2.4	37
24	Meta-analysis of proton pump inhibitors induced risk of community-acquired pneumonia. International Journal for Quality in Health Care, 2020, 32, 292-299.	1.8	21
25	Statins use and its impact in EGFRâ€TKIs resistance to prolong the survival of lung cancer patients: A Cancer registry cohort study in Taiwan. Cancer Science, 2020, 111, 2965-2973.	3.9	17
26	Appropriateness of Overridden Alerts in Computerized Physician Order Entry: Systematic Review. JMIR Medical Informatics, 2020, 8, e15653.	2.6	51
27	Machine Learning Approach to Reduce Alert Fatigue Using a Disease Medicationâ€"Related Clinical Decision Support System: Model Development and Validation. JMIR Medical Informatics, 2020, 8, e19489.	2.6	17
28	Development of an Artificial Intelligenceâ€"Based Automated Recommendation System for Clinical Laboratory Tests: Retrospective Analysis of the National Health Insurance Database. JMIR Medical Informatics, 2020, 8, e24163.	2.6	14
29	Deep Learning for Accurate Diagnosis of Glaucomatous Optic Neuropathy Using Digital Fundus Image: A Meta-Analysis. Studies in Health Technology and Informatics, 2020, 270, 153-157.	0.3	6
30	Deep Learning Approach for the Development of a Novel Predictive Model for Prostate Cancer. Studies in Health Technology and Informatics, 2020, 270, 1241-1242.	0.3	2
31	Association between gout and cardiovascular disease risk: A nation-wide case-control study. Joint Bone Spine, 2019, 86, 389-391.	1.6	8
32	Increase Risk of Multiple Sclerosis in Patients with Psoriasis Disease: An Evidence of Observational Studies. Neuroepidemiology, 2019, 52, 152-160.	2.3	15
33	A probabilistic model for reducing medication errors: A sensitivity analysis using Electronic Health Records data. Computer Methods and Programs in Biomedicine, 2019, 170, 31-38.	4.7	7
34	Challenges of patientâ€™s safety, satisfaction and quality of care in developing and developed counties. International Journal for Quality in Health Care, 2019, 31, 323-324.	1.8	0
35	Traitements de la goutte et risque de cancerÂ: Ã©tude cas tÃ©moins. Revue Du Rhumatisme (Edition) Tj ETQq1 1 0.784314 rgBT /Ov	0.0	0
36	An artificial intelligence approach to early predict non-ST-elevation myocardial infarction patients with chest pain. Computer Methods and Programs in Biomedicine, 2019, 173, 109-117.	4.7	42

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37	Association Between Atrial Fibrillation and Dementia: A Meta-Analysis. Frontiers in Aging Neuroscience, 2019, 11, 305.	3.4	41
38	Does long-term use of antidiabetic drugs changes cancer risk?. Medicine (United States), 2019, 98, e17461.	1.0	13
39	Deep into Patient care: An automated deep learning approach for reshaping patient care in clinical setting. Computer Methods and Programs in Biomedicine, 2019, 168, A1-A2.	4.7	3
40	Prediction of sepsis patients using machine learning approach: A meta-analysis. Computer Methods and Programs in Biomedicine, 2019, 170, 1-9.	4.7	147
41	Prediction of fatty liver disease using machine learning algorithms. Computer Methods and Programs in Biomedicine, 2019, 170, 23-29.	4.7	183
42	Opportunities and challenges in Taiwan for implementing the learning health system. International Journal for Quality in Health Care, 2019, 31, 721-724.	1.8	2
43	Proton pump inhibitors and risk of hip fracture: a meta-analysis of observational studies. Osteoporosis International, 2019, 30, 103-114.	3.1	96
44	Non-steroidal anti-inflammatory drugs and risk of Parkinson's disease in the elderly population: a meta-analysis. European Journal of Clinical Pharmacology, 2019, 75, 99-108.	1.9	72
45	Development of Deep Learning Algorithm for Detection of Colorectal Cancer in EHR Data. Studies in Health Technology and Informatics, 2019, 264, 438-441.	0.3	14
46	Risk of Acute Myocardial Infarction in Patients with Rheumatic Arthritis: A National-Wide Population-Based Cohort Study. Studies in Health Technology and Informatics, 2019, 264, 1494-1495.	0.3	0
47	Artificial Intelligence in Diabetic Retinopathy: Insights from a Meta-Analysis of Deep Learning. Studies in Health Technology and Informatics, 2019, 264, 1556-1557.	0.3	4
48	Gout drugs use and risk of cancer: A case-control study. Joint Bone Spine, 2018, 85, 747-753.	1.6	16
49	Development of user-friendly tools for biomedical research and healthcare. Computer Methods and Programs in Biomedicine, 2018, 167, A1.	4.7	1
50	Monitor, reduce and prevent the adverse outcomes for ensuring patient safety. International Journal for Quality in Health Care, 2018, 30, 415-415.	1.8	1
51	Potentiality of deep learning application in healthcare. Computer Methods and Programs in Biomedicine, 2018, 161, A1.	4.7	9
52	Levothyroxine use and the risk of breast cancer: a nation-wide population-based case–control study. Archives of Gynecology and Obstetrics, 2018, 298, 389-396.	1.7	8
53	Risk of Hemorrhagic Stroke in Patients Exposed to Nonsteroidal Anti-Inflammatory Drugs: A Meta-Analysis of Observational Studies. Neuroepidemiology, 2018, 51, 166-176.	2.3	12
54	Increased Risk of Dementia in Patients with Antidepressants: A Meta-Analysis of Observational Studies. Behavioural Neurology, 2018, 2018, 1-8.	2.1	97

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55	Applications of Machine Learning in Fatty Live Disease Prediction. Studies in Health Technology and Informatics, 2018, 247, 166-170.	0.3	11
56	A personalized medication management platform (PMMP) to improve medication adherence: A randomized control trial. Computer Methods and Programs in Biomedicine, 2017, 140, 275-281.	4.7	16
57	Does Aspirin Use Reduce the Risk for Cancer?. Journal of Investigative Medicine, 2017, 65, 391-392.	1.6	11
58	Psychotropic medications prescribing trends in adolescents: A nationwide population-based study in Taiwan. International Journal for Quality in Health Care, 2017, 29, 861-866.	1.8	15
59	Benzodiazepines use and breast cancer risk: A population-based study and gene expression profiling evidence. Journal of Biomedical Informatics, 2017, 74, 85-91.	4.3	5
60	Exploring association between statin use and breast cancer risk: an updated meta-analysis. Archives of Gynecology and Obstetrics, 2017, 296, 1043-1053.	1.7	58
61	Exploring the Association between Statin Use and the Risk of Parkinson's Disease: A Meta-Analysis of Observational Studies. Neuroepidemiology, 2017, 49, 142-151.	2.3	32
62	E-Health Literacy and Health Information Seeking Behavior Among University Students in Bangladesh. Studies in Health Technology and Informatics, 2017, 245, 122-125.	0.3	13
63	An automated technique to identify potential inappropriate traditional Chinese medicine (TCM) prescriptions. Pharmacoepidemiology and Drug Safety, 2016, 25, 422-430.	1.9	8
64	Curative-Intent Aggressive Treatment Improves Survival in Elderly Patients With Locally Advanced Head and Neck Squamous Cell Carcinoma and High Comorbidity Index. Medicine (United States), 2016, 95, e3268.	1.0	67
65	Reliable and stable computer-aided diagnosis systems for images. Computer Methods and Programs in Biomedicine, 2016, 128, A1-A2.	4.7	1
66	Metabolomics processing made easier. Computer Methods and Programs in Biomedicine, 2016, 129, A1-A2.	4.7	0
67	Social media as a primary source of medical knowledge acquisition and dissemination. Computer Methods and Programs in Biomedicine, 2016, 127, A1.	4.7	4
68	Pressing onward towards the goal: Engineering intelligent systems to improve clinical care. Computer Methods and Programs in Biomedicine, 2016, 126, 1-2.	4.7	0
69	The effect of particulate matter size on cardiovascular health in Taipei Basin, Taiwan. Computer Methods and Programs in Biomedicine, 2016, 137, 261-268.	4.7	24
70	Automated classification of fatty liver disease using ultrasound images. Computer Methods and Programs in Biomedicine, 2016, 130, A1-A2.	4.7	0
71	Editorial. Computer Methods and Programs in Biomedicine, 2016, 124, 1.	4.7	0
72	Cancer-disease associations: A visualization and animation through medical big data. Computer Methods and Programs in Biomedicine, 2016, 127, 44-51.	4.7	34

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73	Editorial. Computer Methods and Programs in Biomedicine, 2016, 123, 1.	4.7	0
74	A richly interactive exploratory data analysis and visualization tool using electronic medical records. BMC Medical Informatics and Decision Making, 2015, 15, 92.	3.0	30
75	Is Long-term Use of Benzodiazepine a Risk for Cancer?. Medicine (United States), 2015, 94, e483.	1.0	45
76	What are the most popular topics of CMPB in the past 3 years?. Computer Methods and Programs in Biomedicine, 2015, 120, 1-2.	4.7	1
77	Cancer Risk in HBV Patients With Statin and Metformin Use. Medicine (United States), 2015, 94, e462.	1.0	68
78	What are the leading keywords of IJQHC in last 3 years?. International Journal for Quality in Health Care, 2015, 27, 163-164.	1.8	1
79	Interactions between traditional Chinese medicine and western drugs in Taiwan: A population-based study. Computer Methods and Programs in Biomedicine, 2015, 122, 462-470.	4.7	26
80	LabPush: A pilot study of providing remote clinics with laboratory results via short message service (SMS) in Swaziland, Africa â€" A qualitative study. Computer Methods and Programs in Biomedicine, 2015, 118, 77-83.	4.7	31