

# Hsuan-Chia Yang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2011212/publications.pdf>

Version: 2024-02-01

80  
papers

1,988  
citations

279798

23  
h-index

289244

40  
g-index

92  
all docs

92  
docs citations

92  
times ranked

2996  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction of fatty liver disease using machine learning algorithms. <i>Computer Methods and Programs in Biomedicine</i> , 2019, 170, 23-29.	4.7	183
2	Prediction of sepsis patients using machine learning approach: A meta-analysis. <i>Computer Methods and Programs in Biomedicine</i> , 2019, 170, 1-9.	4.7	147
3	Deep learning algorithms for detection of diabetic retinopathy in retinal fundus photographs: A systematic review and meta-analysis. <i>Computer Methods and Programs in Biomedicine</i> , 2020, 191, 105320.	4.7	102
4	Increased Risk of Dementia in Patients with Antidepressants: A Meta-Analysis of Observational Studies. <i>Behavioural Neurology</i> , 2018, 2018, 1-8.	2.1	97
5	Proton pump inhibitors and risk of hip fracture: a meta-analysis of observational studies. <i>Osteoporosis International</i> , 2019, 30, 103-114.	3.1	96
6	Obesity and Mortality Among Patients Diagnosed With COVID-19: A Systematic Review and Meta-Analysis. <i>Frontiers in Medicine</i> , 2021, 8, 620044.	2.6	87
7	Non-steroidal anti-inflammatory drugs and risk of Parkinson's disease in the elderly population: a meta-analysis. <i>European Journal of Clinical Pharmacology</i> , 2019, 75, 99-108.	1.9	72
8	Cancer Risk in HBV Patients With Statin and Metformin Use. <i>Medicine (United States)</i> , 2015, 94, e462.	1.0	68
9	Association between Use of Statin and Risk of Dementia: A Meta-Analysis of Observational Studies. <i>Neuroepidemiology</i> , 2020, 54, 214-226.	2.3	68
10	Curative-Intent Aggressive Treatment Improves Survival in Elderly Patients With Locally Advanced Head and Neck Squamous Cell Carcinoma and High Comorbidity Index. <i>Medicine (United States)</i> , 2016, 95, e3268.	1.0	67
11	Statin Use and the Risk of Hepatocellular Carcinoma: A Meta-Analysis of Observational Studies. <i>Cancers</i> , 2020, 12, 671.	3.7	60
12	Exploring association between statin use and breast cancer risk: an updated meta-analysis. <i>Archives of Gynecology and Obstetrics</i> , 2017, 296, 1043-1053.	1.7	58
13	Appropriateness of Overridden Alerts in Computerized Physician Order Entry: Systematic Review. <i>JMIR Medical Informatics</i> , 2020, 8, e15653.	2.6	51
14	Is Long-term Use of Benzodiazepine a Risk for Cancer?. <i>Medicine (United States)</i> , 2015, 94, e483.	1.0	45
15	An artificial intelligence approach to early predict non-ST-elevation myocardial infarction patients with chest pain. <i>Computer Methods and Programs in Biomedicine</i> , 2019, 173, 109-117.	4.7	42
16	Association Between Atrial Fibrillation and Dementia: A Meta-Analysis. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 305.	3.4	41
17	Artificial Intelligence in Ophthalmology: A Meta-Analysis of Deep Learning Models for Retinal Vessels Segmentation. <i>Journal of Clinical Medicine</i> , 2020, 9, 1018.	2.4	37
18	Cancer-disease associations: A visualization and animation through medical big data. <i>Computer Methods and Programs in Biomedicine</i> , 2016, 127, 44-51.	4.7	34

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19	Exploring the Association between Statin Use and the Risk of Parkinson's Disease: A Meta-Analysis of Observational Studies. <i>Neuroepidemiology</i> , 2017, 49, 142-151.	2.3	32
20	LabPush: A pilot study of providing remote clinics with laboratory results via short message service (SMS) in Swaziland, Africa – A qualitative study. <i>Computer Methods and Programs in Biomedicine</i> , 2015, 118, 77-83.	4.7	31
21	A richly interactive exploratory data analysis and visualization tool using electronic medical records. <i>BMC Medical Informatics and Decision Making</i> , 2015, 15, 92.	3.0	30
22	Clinical Characteristics and Neonatal Outcomes of Pregnant Patients With COVID-19: A Systematic Review. <i>Frontiers in Medicine</i> , 2020, 7, 573468.	2.6	30
23	Interactions between traditional Chinese medicine and western drugs in Taiwan: A population-based study. <i>Computer Methods and Programs in Biomedicine</i> , 2015, 122, 462-470.	4.7	26
24	The effect of particulate matter size on cardiovascular health in Taipei Basin, Taiwan. <i>Computer Methods and Programs in Biomedicine</i> , 2016, 137, 261-268.	4.7	24
25	Artificial Intelligence-Based Prediction of Lung Cancer Risk Using Nonimaging Electronic Medical Records: Deep Learning Approach. <i>Journal of Medical Internet Research</i> , 2021, 23, e26256.	4.3	24
26	Association between benzodiazepines use and risk of hip fracture in the elderly people: A meta-analysis of observational studies. <i>Joint Bone Spine</i> , 2020, 87, 241-249.	1.6	23
27	Social Media Data Analytics for Outbreak Risk Communication: Public Attention on the "New Normal" During the COVID-19 Pandemic in Indonesia. <i>Computer Methods and Programs in Biomedicine</i> , 2021, 205, 106083.	4.7	21
28	Meta-analysis of proton pump inhibitors induced risk of community-acquired pneumonia. <i>International Journal for Quality in Health Care</i> , 2020, 32, 292-299.	1.8	21
29	Statins use and its impact in EGFR-TKIs resistance to prolong the survival of lung cancer patients: A Cancer registry cohort study in Taiwan. <i>Cancer Science</i> , 2020, 111, 2965-2973.	3.9	17
30	Machine Learning Approach to Reduce Alert Fatigue Using a Disease Medication-Related Clinical Decision Support System: Model Development and Validation. <i>JMIR Medical Informatics</i> , 2020, 8, e19489.	2.6	17
31	A personalized medication management platform (PMMP) to improve medication adherence: A randomized control trial. <i>Computer Methods and Programs in Biomedicine</i> , 2017, 140, 275-281.	4.7	16
32	Gout drugs use and risk of cancer: A case-control study. <i>Joint Bone Spine</i> , 2018, 85, 747-753.	1.6	16
33	Psychotropic medications prescribing trends in adolescents: A nationwide population-based study in Taiwan. <i>International Journal for Quality in Health Care</i> , 2017, 29, 861-866.	1.8	15
34	Increase Risk of Multiple Sclerosis in Patients with Psoriasis Disease: An Evidence of Observational Studies. <i>Neuroepidemiology</i> , 2019, 52, 152-160.	2.3	15
35	How Can Research on Artificial Empathy Be Enhanced by Applying Deepfakes?. <i>Journal of Medical Internet Research</i> , 2022, 24, e29506.	4.3	15
36	Development of an Artificial Intelligence-Based Automated Recommendation System for Clinical Laboratory Tests: Retrospective Analysis of the National Health Insurance Database. <i>JMIR Medical Informatics</i> , 2020, 8, e24163.	2.6	14

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37	Development of Deep Learning Algorithm for Detection of Colorectal Cancer in EHR Data. <i>Studies in Health Technology and Informatics</i> , 2019, 264, 438-441.	0.3	14
38	Social media sentiment analysis to monitor the performance of vaccination coverage during the early phase of the national COVID-19 vaccine rollout. <i>Computer Methods and Programs in Biomedicine</i> , 2022, 221, 106838.	4.7	14
39	Does long-term use of antidiabetic drugs changes cancer risk?. <i>Medicine (United States)</i> , 2019, 98, e17461.	1.0	13
40	E-Health Literacy and Health Information Seeking Behavior Among University Students in Bangladesh. <i>Studies in Health Technology and Informatics</i> , 2017, 245, 122-125.	0.3	13
41	Risk of Hemorrhagic Stroke in Patients Exposed to Nonsteroidal Anti-Inflammatory Drugs: A Meta-Analysis of Observational Studies. <i>Neuroepidemiology</i> , 2018, 51, 166-176.	2.3	12
42	Proton Pump Inhibitor Use and Risk of Gastric Cancer: Current Evidence from Epidemiological Studies and Critical Appraisal. <i>Cancers</i> , 2022, 14, 3052.	3.7	12
43	Does Aspirin Use Reduce the Risk for Cancer?. <i>Journal of Investigative Medicine</i> , 2017, 65, 391-392.	1.6	11
44	Deep into Laboratory: An Artificial Intelligence Approach to Recommend Laboratory Tests. <i>Diagnostics</i> , 2021, 11, 990.	2.6	11
45	Predicting Hepatocellular Carcinoma With Minimal Features From Electronic Health Records: Development of a Deep Learning Model. <i>JMIR Cancer</i> , 2021, 7, e19812.	2.4	11
46	Applications of Machine Learning in Fatty Live Disease Prediction. <i>Studies in Health Technology and Informatics</i> , 2018, 247, 166-170.	0.3	11
47	Alerts in Clinical Decision Support Systems (CDSS): A Bibliometric Review and Content Analysis. <i>Healthcare (Switzerland)</i> , 2022, 10, 601.	2.0	11
48	Risk of cancer in long-term levothyroxine users: Retrospective population-based study. <i>Cancer Science</i> , 2021, 112, 2533-2541.	3.9	10
49	Potentiality of deep learning application in healthcare. <i>Computer Methods and Programs in Biomedicine</i> , 2018, 161, A1.	4.7	9
50	Development of a Web-Based System for Exploring Cancer Risk With Long-term Use of Drugs: Logistic Regression Approach. <i>JMIR Public Health and Surveillance</i> , 2021, 7, e21401.	2.6	9
51	An automated technique to identify potential inappropriate traditional Chinese medicine (TCM) prescriptions. <i>Pharmacoepidemiology and Drug Safety</i> , 2016, 25, 422-430.	1.9	8
52	Levothyroxine use and the risk of breast cancer: a nation-wide population-based case-control study. <i>Archives of Gynecology and Obstetrics</i> , 2018, 298, 389-396.	1.7	8
53	Association between gout and cardiovascular disease risk: A nation-wide case-control study. <i>Joint Bone Spine</i> , 2019, 86, 389-391.	1.6	8
54	A probabilistic model for reducing medication errors: A sensitivity analysis using Electronic Health Records data. <i>Computer Methods and Programs in Biomedicine</i> , 2019, 170, 31-38.	4.7	7

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55	Application of Artificial Intelligence for Screening COVID-19 Patients Using Digital Images: Meta-analysis. <i>JMIR Medical Informatics</i> , 2021, 9, e21394.	2.6	7
56	Improved diagnosis-medication association mining to reduce pseudo-associations. <i>Computer Methods and Programs in Biomedicine</i> , 2021, 207, 106181.	4.7	6
57	Deep Learning for Accurate Diagnosis of Glaucomatous Optic Neuropathy Using Digital Fundus Image: A Meta-Analysis. <i>Studies in Health Technology and Informatics</i> , 2020, 270, 153-157.	0.3	6
58	Chemopreventive Effects of Concomitant or Individual Use of Statins, Aspirin, Metformin, and Angiotensin Drugs: A Study Using Claims Data of 23 Million Individuals. <i>Cancers</i> , 2022, 14, 1211.	3.7	6
59	Benzodiazepines use and breast cancer risk: A population-based study and gene expression profiling evidence. <i>Journal of Biomedical Informatics</i> , 2017, 74, 85-91.	4.3	5
60	Social media as a primary source of medical knowledge acquisition and dissemination. <i>Computer Methods and Programs in Biomedicine</i> , 2016, 127, A1.	4.7	4
61	Artificial Intelligence in Diabetic Retinopathy: Insights from a Meta-Analysis of Deep Learning. <i>Studies in Health Technology and Informatics</i> , 2019, 264, 1556-1557.	0.3	4
62	Deep into Patient care: An automated deep learning approach for reshaping patient care in clinical setting. <i>Computer Methods and Programs in Biomedicine</i> , 2019, 168, A1-A2.	4.7	3
63	Opportunities and challenges in Taiwan for implementing the learning health system. <i>International Journal for Quality in Health Care</i> , 2019, 31, 721-724.	1.8	2
64	The Effectiveness and Safety of Immune Checkpoint Inhibitors in Non-Small Cell Lung Cancer Patients With Stage III/IV: A Multicenter Study. <i>Frontiers in Oncology</i> , 2021, 11, 671127.	2.8	2
65	Deep Learning Approach for the Development of a Novel Predictive Model for Prostate Cancer. <i>Studies in Health Technology and Informatics</i> , 2020, 270, 1241-1242.	0.3	2
66	What are the most popular topics of CMPB in the past 3 years?. <i>Computer Methods and Programs in Biomedicine</i> , 2015, 120, 1-2.	4.7	1
67	What are the leading keywords of IJQHC in last 3 years?. <i>International Journal for Quality in Health Care</i> , 2015, 27, 163-164.	1.8	1
68	Reliable and stable computer-aided diagnosis systems for images. <i>Computer Methods and Programs in Biomedicine</i> , 2016, 128, A1-A2.	4.7	1
69	Development of user-friendly tools for biomedical research and healthcare. <i>Computer Methods and Programs in Biomedicine</i> , 2018, 167, A1.	4.7	1
70	Monitor, reduce and prevent the adverse outcomes for ensuring patient safety. <i>International Journal for Quality in Health Care</i> , 2018, 30, 415-415.	1.8	1
71	Logical Observation Identifiers Names and Codes (LOINC <sup>®</sup> ) Applied to Microbiology: A National Laboratory Mapping Experience in Taiwan. <i>Diagnostics</i> , 2021, 11, 1564.	2.6	1
72	Deep-ADCA: Development and Validation of Deep Learning Model for Automated Diagnosis Code Assignment Using Clinical Notes in Electronic Medical Records. <i>Journal of Personalized Medicine</i> , 2022, 12, 707.	2.5	1

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73	Metabolomics processing made easier. Computer Methods and Programs in Biomedicine, 2016, 129, A1-A2.	4.7	0
74	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
75	Automated classification of fatty liver disease using ultrasound images. Computer Methods and Programs in Biomedicine, 2016, 130, A1-A2.	4.7	0
76	Editorial. Computer Methods and Programs in Biomedicine, 2016, 124, 1.	4.7	0
77	Editorial. Computer Methods and Programs in Biomedicine, 2016, 123, 1.	4.7	0
78	Challenges of patient'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
79	Traitements de la goutte et risque de cancer: Étude cas témoin. Revue Du Rhumatisme (Edition) Tj ETQq1 1 0,784314,0,0	0,0	0
80	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