

# Kun-Hsing Yu

## List of Publications by Year in descending order

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Version: 2024-02-01

57  
papers

4,735  
citations

279798  
23  
h-index

206112  
48  
g-index

61  
all docs

61  
docs citations

61  
times ranked

7906  
citing authors

#	ARTICLE	IF	CITATIONS
1	Epidemiology and risk factors for the development of cutaneous toxicities in patients treated with immune-checkpoint inhibitors: A United States population-level analysis. <i>Journal of the American Academy of Dermatology</i> , 2022, 86, 563-572.	1.2	51
2	Ten quick tips for deep learning in biology. <i>PLoS Computational Biology</i> , 2022, 18, e1009803.	3.2	14
3	Outdoor mass gathering events and SARS-CoV-2 infection in Catalonia (North-East Spain). <i>Lancet Regional Health - Europe, The</i> , 2022, 15, 100350.	5.6	2
4	Large-scale real-world data analysis identifies comorbidity patterns in schizophrenia. <i>Translational Psychiatry</i> , 2022, 12, 154.	4.8	6
5	Association of Race and Socioeconomic Disadvantage With Missed Telemedicine Visits for Pediatric Patients During the COVID-19 Pandemic. <i>JAMA Pediatrics</i> , 2022, 176, 933.	6.2	6
6	Prolonged Auditory Brainstem Response in Universal Hearing Screening of Newborns with Autism Spectrum Disorder. <i>Autism Research</i> , 2021, 14, 46-52.	3.8	24
7	Temporal bias in case-control design: preventing reliable predictions of the future. <i>Nature Communications</i> , 2021, 12, 1107.	12.8	33
8	Prediction of severe immune-related adverse events requiring hospital admission in patients on immune checkpoint inhibitors: study of a population level insurance claims database from the USA. , 2021, 9, e001935.		38
9	Development of a Histopathology Informatics Pipeline for Classification and Prediction of Clinical Outcomes in Subtypes of Renal Cell Carcinoma. <i>Clinical Cancer Research</i> , 2021, 27, 2868-2878.	7.0	32
10	Classification of glioblastoma versus primary central nervous system lymphoma using convolutional neural networks. <i>Scientific Reports</i> , 2021, 11, 15219.	3.3	21
11	Real-world data analyses unveiled the immune-related adverse effects of immune checkpoint inhibitors across cancer types. <i>Npj Precision Oncology</i> , 2021, 5, 82.	5.4	14
12	COVID-19 infections following physical school reopening. <i>Archives of Disease in Childhood</i> , 2021, 106, e34-e34.	1.9	9
13	Quantifying the Impacts of Pre- and Post-Conception TSH Levels on Birth Outcomes: An Examination of Different Machine Learning Models. <i>Frontiers in Endocrinology</i> , 2021, 12, 755364.	3.5	7
14	Integrative multiomics-histopathology analysis for breast cancer classification. <i>Npj Breast Cancer</i> , 2021, 7, 147.	5.2	21
15	An Observational Study on the Molecular Profiling of Primary Melanomas Reveals a Progression Dependence on Mitochondrial Activation. <i>Cancers</i> , 2021, 13, 6066.	3.7	4
16	Autoimmune Effects of Lung Cancer Immunotherapy Revealed by Data-Driven Analysis on a Nationwide Cohort. <i>Clinical Pharmacology and Therapeutics</i> , 2020, 107, 388-396.	4.7	12
17	Examining the Use of Real-World Evidence in the Regulatory Process. <i>Clinical Pharmacology and Therapeutics</i> , 2020, 107, 843-852.	4.7	99
18	The phenotypical implications of immune dysregulation in fragile X syndrome. <i>European Journal of Neurology</i> , 2020, 27, 590-593.	3.3	11

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19	Deep decision support for lymph node metastatic risk evaluation. EBioMedicine, 2020, 62, 103105.	6.1	0
20	Deciphering serous ovarian carcinoma histopathology and platinum response by convolutional neural networks. BMC Medicine, 2020, 18, 236.	5.5	33
21	Classifying non-small cell lung cancer types and transcriptomic subtypes using convolutional neural networks. Journal of the American Medical Informatics Association: JAMIA, 2020, 27, 757-769.	4.4	69
22	Deep Transfer Learning and Radiomics Feature Prediction of Survival of Patients with High-Grade Gliomas. American Journal of Neuroradiology, 2020, 41, 40-48.	2.4	73
23	Deep learning in rare disease. Detection of tubers in tuberous sclerosis complex. PLoS ONE, 2020, 15, e0232376.	2.5	23
24	Reproducible Machine Learning Methods for Lung Cancer Detection Using Computed Tomography Images: Algorithm Development and Validation. Journal of Medical Internet Research, 2020, 22, e16709.	4.3	43
25	SURG-02. SURVIVAL PREDICTION AFTER NEUROSURGICAL RESECTION OF BRAIN METASTASES: A MACHINE LEARNING APPROACH. Neuro-Oncology, 2020, 22, ii203-ii203.	1.2	0
26	Deep learning in rare disease. Detection of tubers in tuberous sclerosis complex. , 2020, 15, e0232376.		0
27	Deep learning in rare disease. Detection of tubers in tuberous sclerosis complex. , 2020, 15, e0232376.		0
28	Deep learning in rare disease. Detection of tubers in tuberous sclerosis complex. , 2020, 15, e0232376.		0
29	Deep learning in rare disease. Detection of tubers in tuberous sclerosis complex. , 2020, 15, e0232376.		0
30	Evaluation of Taroni etÂal.: Understanding Rare Diseases by MultiPLIER. Cell Systems, 2019, 8, 359-360.	6.2	1
31	Suicide Rates Among Adolescents and Young Adults in the United States, 2000-2017. JAMA - Journal of the American Medical Association, 2019, 321, 2362.	7.4	207
32	Evaluation of the association of bariatric surgery with subsequent depression. International Journal of Obesity, 2019, 43, 2528-2535.	3.4	15
33	Challenging transitions. Science, 2019, 363, 24-26.	12.6	1
34	Framing the challenges of artificial intelligence in medicine. BMJ Quality and Safety, 2019, 28, 238-241.	3.7	146
35	Systematic Protein Prioritization for Targeted Proteomics Studies through Literature Mining. Journal of Proteome Research, 2018, 17, 1383-1396.	3.7	16
36	Omics AnalySIs System for PRecision Oncology (OASISPRO): a web-based omics analysis tool for clinical phenotype prediction. Bioinformatics, 2018, 34, 319-320.	4.1	19

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37	Artificial intelligence in healthcare. Nature Biomedical Engineering, 2018, 2, 719-731.	22.5	1,437
38	Data-driven analyses revealed the comorbidity landscape of tuberous sclerosis complex. Neurology, 2018, 91, 974-976.	1.1	19
39	Education for the future. Science, 2018, 360, 1409-1412.	12.6	9
40	A Cloud-Based Metabolite and Chemical Prioritization System for the Biology/Disease-Driven Human Proteome Project. Journal of Proteome Research, 2018, 17, 4345-4357.	3.7	7
41	HARNESSING BIG DATA FOR PRECISION MEDICINE: INFRASTRUCTURES AND APPLICATIONS. , 2017, 22, 635-639.		1
42	Promoting human rights through science. Science, 2017, 358, 34-37.	12.6	15
43	Artificial intelligence in research. Science, 2017, 357, 28-30.	12.6	44
44	Association of Omics Features with Histopathology Patterns in Lung Adenocarcinoma. Cell Systems, 2017, 5, 620-627.e3.	6.2	88
45	Biomedical informatics advancing the national health agenda: the AMIA 2015 year-in-review in clinical and consumer informatics. Journal of the American Medical Informatics Association: JAMIA, 2017, 24, e185-e190.	4.4	18
46	The genetic predisposition to bronchopulmonary dysplasia. Current Opinion in Pediatrics, 2016, 28, 318-323.	2.0	34
47	Omics Profiling in Precision Oncology. Molecular and Cellular Proteomics, 2016, 15, 2525-2536.	3.8	84
48	A survival guide for interdisciplinary PhD students. Nature Biotechnology, 2016, 34, 993-994.	17.5	0
49	Transcriptome Profiling of Patient-Specific Human iPSC-Cardiomyocytes Predicts Individual Drug Safety and Efficacy Responses In Vitro. Cell Stem Cell, 2016, 19, 311-325.	11.1	131
50	Predicting non-small cell lung cancer prognosis by fully automated microscopic pathology image features. Nature Communications, 2016, 7, 12474.	12.8	694
51	Predicting Ovarian Cancer Patients' Clinical Response to Platinum-Based Chemotherapy by Their Tumor Proteomic Signatures. Journal of Proteome Research, 2016, 15, 2455-2465.	3.7	39
52	Integrated Proteogenomic Characterization of Human High-Grade Serous Ovarian Cancer. Cell, 2016, 166, 755-765.	28.9	804
53	Exome Sequencing of Neonatal Blood Spots and the Identification of Genes Implicated in Bronchopulmonary Dysplasia. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 589-596.	5.6	76
54	A Tale of Two Cities. Academic Medicine, 2014, 89, 944-950.	1.6	30

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55	Prioritization of Cancer Marker Candidates Based on the Immunohistochemistry Staining Images Deposited in the Human Protein Atlas. PLoS ONE, 2013, 8, e81079.	2.5	9
56	Does One Size Fit All? Building a Framework for Medical Professionalism. Academic Medicine, 2011, 86, 1407-1414.	1.6	83
57	An Informatics-assisted Label-free Approach for Personalized Tissue Membrane Proteomics: Case Study on Colorectal Cancer. Molecular and Cellular Proteomics, 2011, 10, M110.003087.	3.8	50