

Kun-Hsing Yu

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

4,735
citations

318942

23
h-index

232693

48
g-index

61
all docs

61
docs citations

61
times ranked

8731
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.	0.6	51
2	Ten quick tips for deep learning in biology. <i>PLoS Computational Biology</i> , 2022, 18, e1009803.	1.5	14
3	Outdoor mass gathering events and SARS-CoV-2 infection in Catalonia (North-East Spain). <i>Lancet Regional Health - Europe</i> , The, 2022, 15, 100350.	3.0	2
4	Large-scale real-world data analysis identifies comorbidity patterns in schizophrenia. <i>Translational Psychiatry</i> , 2022, 12, 154.	2.4	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.	3.3	6
6	Prolonged Auditory Brainstem Response in Universal Hearing Screening of Newborns with Autism Spectrum Disorder. <i>Autism Research</i> , 2021, 14, 46-52.	2.1	24
7	Temporal bias in case-control design: preventing reliable predictions of the future. <i>Nature Communications</i> , 2021, 12, 1107.	5.8	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.	3.2	32
10	Classification of glioblastoma versus primary central nervous system lymphoma using convolutional neural networks. <i>Scientific Reports</i> , 2021, 11, 15219.	1.6	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.	2.3	14
12	COVID-19 infections following physical school reopening. <i>Archives of Disease in Childhood</i> , 2021, 106, e34-e34.	1.0	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.	1.5	7
14	Integrative multiomics-histopathology analysis for breast cancer classification. <i>Npj Breast Cancer</i> , 2021, 7, 147.	2.3	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.	1.7	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.	2.3	12
17	Examining the Use of Real-World Evidence in the Regulatory Process. <i>Clinical Pharmacology and Therapeutics</i> , 2020, 107, 843-852.	2.3	99
18	The phenotypical implications of immune dysregulation in fragile X syndrome. <i>European Journal of Neurology</i> , 2020, 27, 590-593.	1.7	11

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19	Deep decision support for lymph node metastatic risk evaluation. <i>EBioMedicine</i> , 2020, 62, 103105.	2.7	0
20	Deciphering serous ovarian carcinoma histopathology and platinum response by convolutional neural networks. <i>BMC Medicine</i> , 2020, 18, 236.	2.3	33
21	Classifying non-small cell lung cancer types and transcriptomic subtypes using convolutional neural networks. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2020, 27, 757-769.	2.2	69
22	Deep Transfer Learning and Radiomics Feature Prediction of Survival of Patients with High-Grade Gliomas. <i>American Journal of Neuroradiology</i> , 2020, 41, 40-48.	1.2	73
23	Deep learning in rare disease. Detection of tubers in tuberous sclerosis complex. <i>PLoS ONE</i> , 2020, 15, e0232376.	1.1	23
24	Reproducible Machine Learning Methods for Lung Cancer Detection Using Computed Tomography Images: Algorithm Development and Validation. <i>Journal of Medical Internet Research</i> , 2020, 22, e16709.	2.1	43
25	SURG-02. SURVIVAL PREDICTION AFTER NEUROSURGICAL RESECTION OF BRAIN METASTASES: A MACHINE LEARNING APPROACH. <i>Neuro-Oncology</i> , 2020, 22, ii203-ii203.	0.6	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. <i>Cell Systems</i> , 2019, 8, 359-360.	2.9	1
31	Suicide Rates Among Adolescents and Young Adults in the United States, 2000-2017. <i>JAMA - Journal of the American Medical Association</i> , 2019, 321, 2362.	3.8	207
32	Evaluation of the association of bariatric surgery with subsequent depression. <i>International Journal of Obesity</i> , 2019, 43, 2528-2535.	1.6	15
33	Challenging transitions. <i>Science</i> , 2019, 363, 24-26.	6.0	1
34	Framing the challenges of artificial intelligence in medicine. <i>BMJ Quality and Safety</i> , 2019, 28, 238-241.	1.8	146
35	Systematic Protein Prioritization for Targeted Proteomics Studies through Literature Mining. <i>Journal of Proteome Research</i> , 2018, 17, 1383-1396.	1.8	16
36	Omics AnalySIs System for PRecision Oncology (OASISPRO): a web-based omics analysis tool for clinical phenotype prediction. <i>Bioinformatics</i> , 2018, 34, 319-320.	1.8	19

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37	Artificial intelligence in healthcare. <i>Nature Biomedical Engineering</i> , 2018, 2, 719-731.	11.6	1,437
38	Data-driven analyses revealed the comorbidity landscape of tuberous sclerosis complex. <i>Neurology</i> , 2018, 91, 974-976.	1.5	19
39	Education for the future. <i>Science</i> , 2018, 360, 1409-1412.	6.0	9
40	A Cloud-Based Metabolite and Chemical Prioritization System for the Biology/Disease-Driven Human Proteome Project. <i>Journal of Proteome Research</i> , 2018, 17, 4345-4357.	1.8	7
41	HARNESSING BIG DATA FOR PRECISION MEDICINE: INFRASTRUCTURES AND APPLICATIONS. , 2017, 22, 635-639.		1
42	Promoting human rights through science. <i>Science</i> , 2017, 358, 34-37.	6.0	15
43	Artificial intelligence in research. <i>Science</i> , 2017, 357, 28-30.	6.0	44
44	Association of Omics Features with Histopathology Patterns in Lung Adenocarcinoma. <i>Cell Systems</i> , 2017, 5, 620-627.e3.	2.9	88
45	Biomedical informatics advancing the national health agenda: the AMIA 2015 year-in-review in clinical and consumer informatics. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2017, 24, e185-e190.	2.2	18
46	The genetic predisposition to bronchopulmonary dysplasia. <i>Current Opinion in Pediatrics</i> , 2016, 28, 318-323.	1.0	34
47	Omics Profiling in Precision Oncology. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 2525-2536.	2.5	84
48	A survival guide for interdisciplinary PhD students. <i>Nature Biotechnology</i> , 2016, 34, 993-994.	9.4	0
49	Transcriptome Profiling of Patient-Specific Human iPSC-Cardiomyocytes Predicts Individual Drug Safety and Efficacy Responses In Vitro. <i>Cell Stem Cell</i> , 2016, 19, 311-325.	5.2	131
50	Predicting non-small cell lung cancer prognosis by fully automated microscopic pathology image features. <i>Nature Communications</i> , 2016, 7, 12474.	5.8	694
51	Predicting Ovarian Cancer Patients' Clinical Response to Platinum-Based Chemotherapy by Their Tumor Proteomic Signatures. <i>Journal of Proteome Research</i> , 2016, 15, 2455-2465.	1.8	39
52	Integrated Proteogenomic Characterization of Human High-Grade Serous Ovarian Cancer. <i>Cell</i> , 2016, 166, 755-765.	13.5	804
53	Exome Sequencing of Neonatal Blood Spots and the Identification of Genes Implicated in Bronchopulmonary Dysplasia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 192, 589-596.	2.5	76
54	A Tale of Two Cities. <i>Academic Medicine</i> , 2014, 89, 944-950.	0.8	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.	1.1	9
56	Does One Size Fit All? Building a Framework for Medical Professionalism. Academic Medicine, 2011, 86, 1407-1414.	0.8	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.	2.5	50