

Ronald Rosenfeld

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

67
papers

1,979
citations

25
h-index

44
g-index

72
ext. papers

2,519
ext. citations

6.4
avg, IF

4.57
L-index

#	Paper	IF	Citations
67	A maximum entropy approach to adaptive statistical language modelling. <i>Computer Speech and Language</i> , 1996 , 10, 187-228	2.8	211
66	The SPHINX-II speech recognition system: an overview. <i>Computer Speech and Language</i> , 1993 , 7, 137-148	2.8	135
65	Quantifying influenza virus diversity and transmission in humans. <i>Nature Genetics</i> , 2016 , 48, 195-200	36.3	132
64	Generating remote control interfaces for complex appliances 2002 ,		126
63	Results from the centers for disease control and prevention predict the 2013-2014 Influenza Season Challenge. <i>BMC Infectious Diseases</i> , 2016 , 16, 357	4	109
62	FRED (a Framework for Reconstructing Epidemic Dynamics): an open-source software system for modeling infectious diseases and control strategies using census-based populations. <i>BMC Public Health</i> , 2013 , 13, 940	4.1	105
61	A collaborative multiyear, multimodel assessment of seasonal influenza forecasting in the United States. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 3146-3154	11.5	99
60	A survey of smoothing techniques for ME models. <i>IEEE Transactions on Speech and Audio Processing</i> , 2000 , 8, 37-50		80
59	Winner takes all 2012 ,		73
58	Flexible Modeling of Epidemics with an Empirical Bayes Framework. <i>PLoS Computational Biology</i> , 2015 , 11, e1004382	5	68
57	An open challenge to advance probabilistic forecasting for dengue epidemics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 24268-24274	11.5	64
56	Results from the second year of a collaborative effort to forecast influenza seasons in the United States. <i>Epidemics</i> , 2018 , 24, 26-33	5.1	63
55	Challenges in information retrieval and language modeling. <i>ACM SIGIR Forum</i> , 2003 , 37, 31-47	0.9	63
54	Accuracy of real-time multi-model ensemble forecasts for seasonal influenza in the U.S. <i>PLoS Computational Biology</i> , 2019 , 15, e1007486	5	53
53	A probabilistic generative model for GO enrichment analysis. <i>Nucleic Acids Research</i> , 2008 , 36, e109	20.1	42
52	Job opportunities through entertainment 2013 ,		38
51	Nonmechanistic forecasts of seasonal influenza with iterative one-week-ahead distributions. <i>PLoS Computational Biology</i> , 2018 , 14, e1006134	5	37

50	Vaccination deep into a pandemic wave potential mechanisms for a "third wave" and the impact of vaccination. <i>American Journal of Preventive Medicine</i> , 2010 , 39, e21-9	6.1	35
49	Universal speech interfaces. <i>Interactions</i> , 2001 , 8, 34-44	1	34
48	Combined analysis reveals a core set of cycling genes. <i>Genome Biology</i> , 2007 , 8, R146	18.3	33
47	Deconvolving cell cycle expression data with complementary information. <i>Bioinformatics</i> , 2004 , 20 Suppl 1, i23-30	7.2	33
46	Whole-sentence exponential language models: a vehicle for linguistic-statistical integration. <i>Computer Speech and Language</i> , 2001 , 15, 55-73	2.8	30
45	A human judgment approach to epidemiological forecasting. <i>PLoS Computational Biology</i> , 2017 , 13, e1005248		30
44	Speech vs. touch-tone: Telephony interfaces for information access by low literate users 2009 ,		26
43	Viral entertainment as a vehicle for disseminating speech-based services to low-literate users 2012 ,		26
42	Risk of dengue for tourists and teams during the World Cup 2014 in Brazil. <i>PLoS Neglected Tropical Diseases</i> , 2014 , 8, e3063	4.8	21
41	A large-scale immuno-epidemiological simulation of influenza A epidemics. <i>BMC Public Health</i> , 2014 , 14, 1019	4.1	21
40	Baang 2018 ,		17
39	The US COVID-19 Trends and Impact Survey: Continuous real-time measurement of COVID-19 symptoms, risks, protective behaviors, testing, and vaccination.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	14
38	Identifying cycling genes by combining sequence homology and expression data. <i>Bioinformatics</i> , 2006 , 22, e314-22	7.2	13
37	Viral Spread via Entertainment and Voice-Messaging Among Telephone Users in India 2016 ,		12
36	Finding motifs with insufficient number of strong binding sites. <i>Journal of Computational Biology</i> , 2005 , 12, 686-701	1.7	12
35	Towards efficient human machine speech communication. <i>ACM Transactions on Speech and Language Processing</i> , 2005 , 2, 2		12
34	Using data-driven rules to predict mortality in severe community acquired pneumonia. <i>PLoS ONE</i> , 2014 , 9, e89053	3.7	11
33	Small-vocabulary speech recognition for resource-scarce languages 2010 ,		10

32	Cross species expression analysis of innate immune response. <i>Journal of Computational Biology</i> , 2010 , 17, 253-68	1.7	8
31	A unified design for human-machine voice interaction 2001 ,		7
30	Reply to Bracher: Scoring probabilistic forecasts to maximize public health interpretability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 20811-20812	11.5	7
29	Incorporating linguistic structure into statistical language models. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2000 , 358, 1311-1324	3	6
28	STRUCTURED, SPARSE REGRESSION WITH APPLICATION TO HIV DRUG RESISTANCE. <i>Annals of Applied Statistics</i> , 2011 , 5, 628-644	2.1	5
27	Behavior analysis of low-literate users of a viral speech-based telephone service 2013 ,		5
26	Voice-Based Quizzes for Measuring Knowledge Retention in Under-Connected Populations 2019 ,		4
25	Species and strain differences in the epimerization of 3-beta, 17-beta-dihydroxy-17-alpha-ethynyl-delta-5 (10)-estrene to the 3 alpha-hydroxy epimer. <i>Biochemical Pharmacology</i> , 1971 , 20, 2930-3	6	4
24	Epimerization of an intermediary metabolite of norethynodrel by a 3 beta-hydroxy-delta 5(10)-steroid epimerase. <i>Biochemical Pharmacology</i> , 1971 , 20, 2349-54	6	4
23	An open repository of real-time COVID-19 indicators.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	4
22	Personal universal controllers 2003 ,		3
21	Inferring property selection pressure from positional residue conservation. <i>Applied Bioinformatics</i> , 2004 , 3, 167-79		3
20	Rapid Collection of Spontaneous Speech Corpora Using Telephonic Community Forums		3
19	Differences in Regional Patterns of Influenza Activity Across Surveillance Systems in the United States: Comparative Evaluation. <i>JMIR Public Health and Surveillance</i> , 2019 , 5, e13403	11.4	3
18	Influence Propagation: Patterns, Model and a Case Study. <i>Lecture Notes in Computer Science</i> , 2014 , 386-397		3
17	Genotype phenotype mapping in RNA viruses - disjunctive normal form learning. <i>Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing</i> , 2011 , 62-73	1.3	3
16	Epidemic tracking and forecasting: Lessons learned from a tumultuous year.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	3
15	Spread and sustainability 2013 ,		2

14	Discriminative pronunciation learning for speech recognition for resource scarce languages 2012 ,		2
13	Guest editorial introduction to the special issue on language modeling and dialogue systems. <i>IEEE Transactions on Speech and Audio Processing</i> , 2000 , 8, 1-2		2
12	Connectionist models as neural abstractions. <i>Behavioral and Brain Sciences</i> , 1987 , 10, 181-182	0.9	2
11	Forecasting seasonal influenza in the U.S.: A collaborative multi-year, multi-model assessment of forecast performance		2
10	A Collaborative Multi-Model Ensemble for Real-Time Influenza Season Forecasting in the U.S		2
9	An Open Repository of Real-Time COVID-19 Indicators		2
8	Shaping user input in speech graffiti 2006 ,		1
7	A multi-reservoir model of influenza evolution. <i>Journal of Critical Care</i> , 2009 , 24, e33-e34		4
6	Computational Characterization of Transient Strain-Transcending Immunity against Influenza A. <i>PLoS ONE</i> , 2015 , 10, e0125047		3.7
5	Cross Species Expression Analysis of Innate Immune Response. <i>Lecture Notes in Computer Science</i> , 2009 , 90-107	0.9	
4	Accuracy of real-time multi-model ensemble forecasts for seasonal influenza in the U.S. 2019 , 15, e1007486		
3	Accuracy of real-time multi-model ensemble forecasts for seasonal influenza in the U.S. 2019 , 15, e1007486		
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