Gerald Friedland

List of Publications by Year
in descending order

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Version: 2024-02-01

112	4,454	304743	161849
papers	citations	22	54
		h-index	g-index

122	122	122	3933
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Extensively drug-resistant tuberculosis as a cause of death in patients co-infected with tuberculosis and HIV in a rural area of South Africa. Lancet, The, 2006, 368, 1575-1580.	13.7	1,467
2	YFCC100M. Communications of the ACM, 2016, 59, 64-73.	4.5	927
3	Speaker Diarization: A Review of Recent Research. IEEE Transactions on Audio Speech and Language Processing, 2012, 20, 356-370.	3.2	437
4	Exogenous Reinfection as a Cause of MultidrugâEResistant and Extensively DrugâEResistant Tuberculosis in Rural South Africa. Journal of Infectious Diseases, 2008, 198, 1582-1589.	4.0	126
5	MultidrugâEResistant and Extensively DrugâEResistant Tuberculosis: Implications for the HIV Epidemic and Antiretroviral Therapy Rollout in South Africa. Journal of Infectious Diseases, 2007, 196, S482-S490.	4.0	105
6	Overlapped speech detection for improved speaker diarization in multiparty meetings. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	71
7	Predictors of Multidrug- and Extensively Drug-Resistant Tuberculosis in a High HIV Prevalence Community. PLoS ONE, 2010, 5, e15735.	2.5	65
8	Implementation Issues in Tuberculosis/HIV Program Collaboration and Integration: 3 Case Studies. Journal of Infectious Diseases, 2007, 196, S114-S123.	4.0	63
9	Prosodic and other Long-Term Features for Speaker Diarization. IEEE Transactions on Audio Speech and Language Processing, 2009, 17, 985-993.	3.2	55
10	Estimating Dominance in Multi-Party Meetings Using Speaker Diarization. IEEE Transactions on Audio Speech and Language Processing, 2011, 19, 847-860.	3.2	55
11	Transmission of DrugâESusceptible and DrugâEResistant Tuberculosis and the Critical Importance of Airborne Infection Control in the Era of HIV Infection and Highly Active Antiretroviral Therapy Rollouts. Clinical Infectious Diseases, 2010, 50, S231-S237.	5.8	52
12	Tuberculosis and HIV Coinfection: Current State of Knowledge and Research Priorities. Journal of Infectious Diseases, 2007, 196, S1-S3.	4.0	49
13	Lack of an effect of atazanavir on steady-state pharmacokinetics of methadone in patients chronically treated for opiate addiction. Aids, 2005, 19, 1635-1641.	2.2	41
14	Infectious Disease Comorbidities Adversely Affecting Substance Users With HIV: Hepatitis C and Tuberculosis. Journal of Acquired Immune Deficiency Syndromes (1999), 2010, 55, S37-S42.	2.1	39
15	Scalable multimedia content analysis on parallel platforms using python. ACM Transactions on Multimedia Computing, Communications and Applications, 2014, 10, 1-22.	4.3	38
16	Effect of Opioid Dependence Pharmacotherapies on Zidovudine Disposition. American Journal on Addictions, 2001, 10, 296-307.	1.4	36
17	Reducing Loss to Follow-Up with Tele-audiology Diagnostic Evaluations. Telemedicine Journal and E-Health, 2016, 22, 159-164.	2.8	36
18	Multi-modal speaker diarization of real-world meetings using compressed-domain video features. , 2009, , .		35

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19	The ICSI RT-09 Speaker Diarization System. IEEE Transactions on Audio Speech and Language Processing, 2012, 20, 371-381.	3.2	35
20	Confronting Another Pandemic: Lessons from HIV can Inform Our COVID-19 Response. AIDS and Behavior, 2020, 24, 1977-1979.	2.7	32
21	Stavudine Resistance: An Update on Susceptibility following Prolonged Therapy. Antiviral Therapy, 1999, 4, 21-28.	1.0	30
22	Utility of Tuberculosis Directly Observed Therapy Programs as Sites for Access to and Provision of Antiretroviral Therapy in Resource-Limited Countries. Clinical Infectious Diseases, 2004, 38, S421-S428.	5.8	27
23	Eâ€Chalk: a lecture recording system using the chalkboard metaphor. Interactive Technology and Smart Education, 2004, 1, 9-20.	5.6	26
24	Visual speaker localization aided by acoustic models. , 2009, , .		26
25	Dynamic needs and challenges of people with drug-resistant tuberculosis and HIV in South Africa: a qualitative study. The Lancet Global Health, 2021, 9, e479-e488.	6.3	25
26	Qualitative assessment of antiâ€SARSâ€CoVâ€2 spike protein immunogenicity (QUASI) after COVIDâ€19 vaccination in older people living with HIV. HIV Medicine, 2022, 23, 178-185.	2.2	25
27	Antiretroviral switching and bedaquiline treatment of drug-resistant tuberculosis HIV co-infection. Lancet HIV,the, 2019, 6, e201-e204.	4.7	24
28	A fast-match approach for robust, faster than real-time speaker diarization. , 2007, , .		21
29	The Placing Task. , 2014, , .		19
30	The Teaching Privacy Curriculum. , 2016, , .		19
31	Estimating the dominant person in multi-party conversations using speaker diarization strategies. Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing, 2008, , .	1.8	18
32	Trends in hospital deaths among human immunodeficiency virusâ€“infected patients during the antiretroviral therapy era, 1995 to 2011. Journal of Hospital Medicine, 2015, 10, 608-614.	1.4	18
33	Live speaker identification in conversations. , 2008, , .		17
34	Towards Semantic Analysis of Conversations: A System for the Live Identification of Speakers in Meetings. , 2008, , .		15
35	Joke-o-mat. , 2009, , .		15
36	Kickstarting the Commons. , 2015, , .		15

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37	Integrated Tuberculosis/Human Immunodeficiency Virus Community-Based Case Finding in Rural South Africa: Implications for Tuberculosis Control Efforts. Open Forum Infectious Diseases, 2017, 4, ofx092.	0.9	15
38	Tuning-Robust Initialization Methods for Speaker Diarization. IEEE Transactions on Audio Speech and Language Processing, 2010, 18, 2028-2037.	3.2	14
39	Multimodal Location Estimation of Consumer Media: Dealing with Sparse Training Data. , 2012, , .		13
40	Human vs machine. , 2013, , .		13
41	Leveraging speaker diarization for meeting recognition from distant microphones. , 2010, , .		12
42	The Accuracy of the Demographic Inferences Shown on Google's Ad Settings. , 2018, , .		12
43	Electronic Dose Monitoring Identifies a High-Risk Subpopulation in the Treatment of Drug-resistant Tuberculosis and Human Immunodeficiency Virus. Clinical Infectious Diseases, 2021, 73, e1901-e1910.	5.8	12
44	Multimodal city-verification on flickr videos using acoustic and textual features. , 2012, , .		11
45	A Hardware-Independent Fast Logarithm Approximation with Adjustable Accuracy. , 2008, , .		10
46	Dialocalization. ACM Transactions on Multimedia Computing, Communications and Applications, 2010, 6, 1-18.	4.3	10
47	Drug interactions between buprenorphine, methadone and hepatitis C therapeutics. Expert Opinion on Drug Metabolism and Toxicology, 2016, 12, 721-731.	3.3	10
48	DCAR: A Discriminative and Compact Audio Representation for Audio Processing. IEEE Transactions on Multimedia, 2017, 19, 2637-2650.	7.2	10
49	The Geo-Privacy Bonus of Popular Photo Enhancements. , 2017, , .		10
50	WEB BASED LECTURES PRODUCED BY AI SUPPORTED CLASSROOM TEACHING. International Journal on Artificial Intelligence Tools, 2004, 13, 367-382.	1.0	9
51	Multimedia Education in Computer Science: A Little Bit of Everything Is Not Enough. IEEE MultiMedia, 2008, 15, 78-82.	1.7	9
52	Fast speaker diarization using a high-level scripting language. , 2011, , .		9
53	An i-Vector Representation of Acoustic Environments for Audio-Based Video Event Detection on User Generated Content. , 2013, , .		9
54	Audio-Based Multimedia Event Detection with DNNs and Sparse Sampling. , 2015, , .		9

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55	Robust Speaker Diarization for short speech recordings. , 2009, , .		8
56	Marking Time in the Global HIV/AIDS Pandemic. JAMA - Journal of the American Medical Association, 2016, 316, 145.	7.4	8
57	Title is missing!. AIDS and Behavior, 1999, 3, 219-230.	2.7	7
58	Teaching Privacy: Multimedia Making a Difference. IEEE MultiMedia, 2015, 22, 12-19.	1.7	7
59	What motivates use of community-based human immunodeficiency virus testing in rural South Africa?. International Journal of STD and AIDS, 2016, 27, 662-671.	1.1	7
60	A patient with central nervous system tuberculomas and a history of disseminated multi-drug-resistant tuberculosis. Journal of Clinical Tuberculosis and Other Mycobacterial Diseases, 2018, 10, 9-16.	1.3	7
61	OBJECT CUT AND PASTE IN IMAGES AND VIDEOS. International Journal of Semantic Computing, 2007, 01, 221-247.	0.5	6
62	Parallelizing Speaker-Attributed Speech Recognition for Meeting Browsing. , 2010, , .		6
63	User verification: Matching the uploaders of videos across accounts. , 2011, , .		6
64	Lost in segmentation: Three approaches for speech/non-speech detection in consumer-produced videos. , 2013, , .		6
65	Evento 360. , 2015, , .		6
66	Adherence Measured Using Electronic Dose Monitoring is Associated with Emergent Antiretroviral Resistance and Poor Outcomes in People with Human Immunodeficiency Virus/AIDS and Multidrug-Resistant Tuberculosis. Clinical Infectious Diseases, 2022, 75, 1489-1496.	5.8	6
67	Multimodal interfaces for automotive applications (MIAA). , 2009, , .		5
68	A Discriminative and Compact Audio Representation for Event Detection. , 2016, , .		5
69	Rethinking Summarization and Storytelling for Modern Social Multimedia. Lecture Notes in Computer Science, 2018, , 632-644.	1.3	5
70	A Populationâ€Based and Longitudinal Study of Sexual Behavior and Multidrugâ€Resistant HIV Among Patients in Clinical Care. Journal of the International AIDS Society, 2006, 8, 72-72.	3.0	4
71	Using Artistic Markers and Speaker Identification for Narrative-Theme Navigation of Seinfeld Episodes. , 2009, , .		4
72	Turning the tide against tuberculosis. International Journal of Infectious Diseases, 2017, 56, 6-9.	3.3	4

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73	Preventing COVID-19 Collateral Damage. Clinical Infectious Diseases, 2020, 71, 1564-1567.	5.8	4
74	Ende der Kreidezeit? Die Zukunft des Mathematikunterrichts. Mitteilungen Der Deutschen Mathematiker-Vereinigung, 2001, 9, 32-37.	0.0	3
75	Current Multimedia Data Formats and Semantic Computing: A Practical Example and the Challenges for the Future. , 2007, , .		3
76	An adaptive initialization method for speaker Diarization based on prosodic features. , 2010, , .		3
77	Multimodal Indoor Localization: An Audio-Wireless-Based Approach. , 2010, , .		3
78	Can We Escape the Trough of Disillusionment?. ELearn, 2009, 2009, .	0.3	3
79	Tuberculosis and HIV infection. Current Infectious Disease Reports, 1999, 1, 105-109.	3.0	2
80	On the Applicability of Speaker Diarization to Audio Concept Detection for Multimedia Retrieval. , 2011, , .		2
81	How to put it into words - using random forests to extract symbol level descriptions from audio content for concept detection. , 2012, , .		2
82	Narrative theme navigation for sitcoms supported by fan-generated scripts. Multimedia Tools and Applications, 2013, 63, 387-406.	3.9	2
83	Privacy concerns of sharing multimedia in social networks. , 2013, , .		2
84	Insights into Audio-Based Multimedia Event Classification with Neural Networks. , 2015, , .		2
85	Impact of early antiretroviral treatment on sexual behaviour. Aids, 2019, 33, 2337-2350.	2.2	2
86	On the Applicability of Speaker Diarization to Audio Indexing of Non-Speech and Mixed Non-Speech/Speech Video Soundtracks. International Journal of Multimedia Data Engineering and Management, 2012, 3, 1-19.	0.4	2
87	Narrative theme navigation for sitcoms supported by fan-generated scripts. , 2010, , .		2
88	On the Use of Artificial Conversation Data for Speaker Recognition in Cars. , 2009, , .		1
89	Data-Driven vs. Semantic-Technology-Driven Tag-Based Video Location Estimation. , 2011, , .		1
90	Industry Dares You: The ACM Multimedia Grand Challenge 2011. IEEE MultiMedia, 2012, 19, 12-12.	1.7	1

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91	Nowhere to hide: Exploring user-verification across Flickr accounts. , 2013, , .		1
92	From Intra-Modal to Inter-Modal Space: Multi-task Learning of Shared Representations for Cross-Modal Retrieval. , 2019, , .		1
93	On the Impact of Perceptual Compression on Deep Learning. , 2020, , .		1
94	Automated Lecture Recording. , 2008, , 37-43.		1
95	Managing COVID-19 going forwardâ€"the lessons from history. QJM - Monthly Journal of the Association of Physicians, 2022, 115, 649-650.	0.5	1
96	87. Infectious Disease Diversity, Equity, and Antiracism (ID2EA): A Dedicated Curriculum for Infectious Disease Professionals. Open Forum Infectious Diseases, 2021, 8, S55-S55.	0.9	1
97	Appscio: A Software Environment for Semantic Multimedia Analysis. , 2008, , .		0
98	Fever and Lymphadenopathy. , 0, , 187-194.		0
99	The ACM Multimedia Grand Challenge 2011 in a nutshell. ACM Multimedia, 2012, 4, 19-20.	0.1	0
100	Message from ICME'12 Technical Program Chairs. , 2012, , .		0
101	Editorial for automated media analysis and production for novel TV services. Multimedia Tools and Applications, 2013, 63, 281-286.	3.9	0
102	Second ACM multimedia workshop on geotagging and its applications in multimedia (GeoMM 2013). , 2013, , .		0
103	1698Characteristics and Outcomes Among Patients with MDR-TB Treated in a Decentralized Community-based Treatment Program in Rural KZN, South Africa. Open Forum Infectious Diseases, 2014, 1, S454-S454.	0.9	0
104	GeoMM 2014. , 2014, , .		0
105	Lymphadenopathy/lymphadenitis. , 0, , 184-191.		0
106	Care of the patient with XDR-TB who has failed treatment. Lancet Respiratory Medicine,the, 2015, 3, 269-270.	10.7	0
107	Audition for multimedia computing. , 2017, , 31-50.		0
108	Computationally Efficient Clustering ofÂAudio-Visual Meeting Data. Advances in Computer Vision and Pattern Recognition, 2010, , 25-59.	1.3	0

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109	Teaching Privacy. , 2015, , .		0
110	Multimedia COMMONS -- Community-Organized Multimodal Mining. , 2015, , .		0
111	759. Where can we find active TB? Case finding at community sites and alcohol based venues (ABVs) in rural South Africa. Open Forum Infectious Diseases, 2020, 7, S426-S426.	0.9	0
112	Current Multimedia Data Formats and Semantic Computing: A Practical Example and the Challenges for the Future. , 2007, , .		0