

Octav Chipara

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4659525/publications.pdf>

Version: 2024-02-01

48
papers

1,196
citations

1040056

9
h-index

752698

20
g-index

48
all docs

48
docs citations

48
times ranked

932
citing authors

#	ARTICLE	IF	CITATIONS
1	Personalizing over-the-counter hearing aids using pairwise comparisons. <i>Smart Health</i> , 2022, 23, 100231.	3.2	3
2	GPS predicts stability of listening environment characteristics in one location over time among older hearing aid users. <i>International Journal of Audiology</i> , 2021, 60, 328-340.	1.7	5
3	WARP. , 2021, , .		1
4	Recorp: Receiver-oriented Policies for Industrial Wireless Networks. <i>ACM Transactions on Sensor Networks</i> , 2021, 17, 1-32.	3.6	3
5	Why Ecological Momentary Assessment Surveys Go Incomplete: When It Happens and How It Impacts Data. <i>Journal of the American Academy of Audiology</i> , 2021, 32, 016-026.	0.7	8
6	The Influence of Forced Social Isolation on the Auditory Ecology and Psychosocial Functions of Listeners With Cochlear Implants During COVID-19 Mitigation Efforts. <i>Ear and Hearing</i> , 2021, 42, 20-28.	2.1	17
7	From Schedules to Programs “ Reimagining Networking Infrastructure for Future Cyber-Physical Systems. , 2021, , .		0
8	Continuous in-home PM2.5 concentrations of smokers with and without a history of respiratory exacerbations in Iowa, during and after an air purifier intervention. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2020, 30, 778-784.	3.9	2
9	Recorp: Receiver-Oriented Policies for Industrial Wireless Networks. , 2020, , .		1
10	Test-Retest Reliability of Ecological Momentary Assessment in Audiology Research. <i>Journal of the American Academy of Audiology</i> , 2020, 31, 599-612.	0.7	8
11	Comparison of In-Situ and Retrospective Self-Reports on Assessing Hearing Aid Outcomes. <i>Journal of the American Academy of Audiology</i> , 2020, 31, 746-762.	0.7	6
12	Common Configurations of Real-Ear Aided Response Targets Prescribed by NAL-NL2 for Older Adults With Mild-to-Moderate Hearing Loss. <i>American Journal of Audiology</i> , 2020, 29, 460-475.	1.2	4
13	Efficacy and Effectiveness of Advanced Hearing Aid Directional and Noise Reduction Technologies for Older Adults With Mild to Moderate Hearing Loss. <i>Ear and Hearing</i> , 2019, 40, 805-822.	2.1	52
14	Indoor Particulate Matter From Smoker Homes Induces Bacterial Growth, Biofilm Formation, and Impairs Airway Antimicrobial Activity. A Pilot Study. <i>Frontiers in Public Health</i> , 2019, 7, 418.	2.7	7
15	Characteristics of Real-World Signal to Noise Ratios and Speech Listening Situations of Older Adults With Mild to Moderate Hearing Loss. <i>Ear and Hearing</i> , 2018, 39, 293-304.	2.1	107
16	A Flexible Retransmission Policy for Industrial Wireless Sensor Actuator Networks. , 2018, , .		19
17	Workload Shaping Energy Optimizations with Predictable Performance for Mobile Sensing. , 2018, , .		2
18	REWIMO. <i>ACM Transactions on Sensor Networks</i> , 2017, 13, 1-42.	3.6	18

#	ARTICLE	IF	CITATIONS
19	Assessing the performance of hearing aids using surveys and audio data collected in situ. , 2017, , .		2
20	PHASER – A Phase-Shifting Antenna for Low-Power Directional Communication. , 2017, , .		1
21	Real-time communication in low-power mobile wireless networks. , 2016, , .		2
22	Mobility-aware real-time scheduling for low-power wireless networks. , 2016, , .		11
23	Predicting three-month and 12-month post-fitting real-world hearing-aid outcome using pre-fitting acceptable noise level (ANL). International Journal of Audiology, 2016, 55, 285-294.	1.7	13
24	Managing the Energy-Delay Tradeoff in Mobile Applications with Tempus. , 2015, , .		8
25	Static memory management for efficient mobile sensing applications. , 2015, , .		0
26	In-Situ Measurement and Prediction of Hearing Aid Outcomes Using Mobile Phones. , 2015, , .		2
27	APE: an annotation language and middleware for energy-efficient mobile application development. , 2014, , .		32
28	CSense: A stream-processing toolkit for robust and high-rate mobile sensing applications. , 2014, , .		1
29	Evaluating Auditory Contexts and Their Impacts on Hearing Aid Outcomes with Mobile Phones. , 2014, , .		16
30	Real-Time Query Scheduling for Wireless Sensor Networks. IEEE Transactions on Computers, 2013, 62, 1850-1865.	3.4	26
31	Secure Scalable Disaster Electronic Medical Record and Tracking System. Prehospital and Disaster Medicine, 2013, 28, 498-501.	1.3	10
32	AudioSense: Enabling real-time evaluation of hearing aid technology in-situ. , 2013, 2013, 167-172.		18
33	GRAPEVINE. Mobile Computing and Communications Review, 2013, 17, 61-70.	1.7	1
34	WIISARD. , 2012, , .		20
35	GRAPEVINE. , 2012, , .		1
36	Interference-Aware Real-Time Flow Scheduling for Wireless Sensor Networks. , 2011, , .		28

#	ARTICLE	IF	CITATIONS
37	Dynamic Conflict-Free Transmission Scheduling for Sensor Network Queries. IEEE Transactions on Mobile Computing, 2011, 10, 734-748.	5.8	30
38	Secure scalable disaster electronic medical record and tracking system. , 2011, , .		2
39	Reliable clinical monitoring using wireless sensor networks. , 2010, , .		172
40	Practical modeling and prediction of radio coverage of indoor sensor networks. , 2010, , .		22
41	Towards unified radio power management for wireless sensor networks. Wireless Communications and Mobile Computing, 2009, 9, 313-323.	1.2	13
42	Towards predictable wireless cyber-physical applications. ACM SIGBED Review, 2008, 5, 1-2.	1.8	0
43	Robust topology control for indoor wireless sensor networks. , 2008, , .		65
44	Real-Time Query Scheduling for Wireless Sensor Networks. , 2007, , .		55
45	A component-based architecture for power-efficient media access control in wireless sensor networks. , 2007, , .		101
46	Dynamic Conflict-free Query Scheduling for Wireless Sensor Networks. , 2006, , .		33
47	Real-time Power-Aware Routing in Sensor Networks. IEEE International Workshop on Quality of Service, 2006, , .	0.0	244
48	MobiQuery. , 2004, , .		4