

Tsuyoshi Usagawa

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

298
citations

1307594

7
h-index

1125743

13
g-index

73
all docs

73
docs citations

73
times ranked

163
citing authors

#	ARTICLE	IF	CITATIONS
1	Frequency domain binaural model based on interaural phase and level differences. <i>Acoustical Science and Technology</i> , 2003, 24, 172-178.	0.5	40
2	An Artificial Neural Network Based Early Prediction of Failure-Prone Students in Blended Learning Course. <i>International Journal of Emerging Technologies in Learning</i> , 2019, 14, 77.	1.3	25
3	Dynamic content synchronization between learning management systems over limited bandwidth network. <i>Human-centric Computing and Information Sciences</i> , 2012, 2, .	6.1	15
4	Active control for periodic noise with variable fundamental. An extended DXHS algorithm with frequency tracking ability.. <i>Journal of the Acoustical Society of Japan (E)</i> , 1999, 20, 301-312.	0.1	14
5	Towards development of OER derived custom-built open textbooks: A baseline survey of university teachers at the University of the South Pacific. <i>International Review of Research in Open and Distance Learning</i> , 2014, 15, .	1.8	13
6	Mining Educational Data to Predict Academic Dropouts: a Case Study in Blended Learning Course. , 2018, , .		12
7	A Rapid Webcam-Based Eye Tracking Method for Human Computer Interaction. , 2018, , .		10
8	Offline web application and quiz synchronization for e-learning activity for mobile browser. , 2010, , .		9
9	An adaptive algorithm for periodic noise with secondary path delay estimation.. <i>Journal of the Acoustical Society of Japan (E)</i> , 1998, 19, 363-372.	0.1	9
10	Azimuthal and elevation localization of two sound sources using interaural phase and level differences. <i>Acoustical Science and Technology</i> , 2008, 29, 139-148.	0.5	9
11	Sound Modeling of Javanese Traditional Music Instrument. , 2009, , .		8
12	A Framework for Open Textbooks Analytics System. <i>TechTrends</i> , 2016, 60, 344-349.	2.3	8
13	Analyzing the Current Situation of E-learning at Kabul Polytechnic University. , 2018, , .		8
14	Effectiveness of E-learning Experience through Online Quizzes: A Case Study of Myanmar Students. <i>International Journal of Emerging Technologies in Learning</i> , 2018, 13, 157.	1.3	8
15	Frequency characteristics of bone conduction actuators “ Measurements of loudness and acceleration. <i>Applied Acoustics</i> , 2017, 126, 19-25.	3.3	7
16	Profile-Based Cluster Evolution Analysis: Identification of Migration Patterns for Understanding Student Learning Behavior. <i>IEEE Access</i> , 2021, 9, 101718-101728.	4.2	7
17	Active noise control system using motional feedback loudspeaker.. <i>Journal of the Acoustical Society of Japan (E)</i> , 1991, 12, 291-297.	0.1	6
18	Howling canceler using interaural level difference for binaural hearing assistant system. <i>Acoustical Science and Technology</i> , 2007, 28, 90-97.	0.5	6

#	ARTICLE	IF	CITATIONS
19	Feasibility Evaluation for Keyword Spotting System Using Mini Microphone Array on UAV. , 2019, , .		5
20	Implementation of real-time online mouse tracking on overseas quiz session. Education and Information Technologies, 2020, 25, 3845-3880.	5.7	5
21	Subjective evaluation of Japanese voiceless affricate spoken by Korean. Acoustical Science and Technology, 2006, 27, 236-238.	0.5	5
22	Identifying potential cheaters by tracking their behaviors through mouse activities. , 2020, , .		5
23	Improving the performance of projection-based cancelable fingerprint template method. , 2015, , .		4
24	Use of Facebook by Secondary School Students at Nuku'alofa as an Indicator of E-Readiness for E-Learning in the Kingdom of Tonga. International Review of Research in Open and Distance Learning, 2016, 17, .	1.8	4
25	Automatic Lecture Video Content Summarization with Attention-based Recurrent Neural Network. , 2019, , .		4
26	Analysis of active control of noise in duct by means of impedance.. Journal of the Acoustical Society of Japan (E), 1987, 8, 63-72.	0.1	4
27	Four-pole parameters for an elliptical chamber with mean flow. Electronics and Communications in Japan, Part III: Fundamental Electronic Science (English Translation of Denshi Tsushin Gakkai) Tj ETQq1 1 0.7843140gBT /Overclock 10		4
28	Assuring the basic IT literacy levels for every student by the University-wide blended learning. , 2006, , .		3
29	Evaluation of Pronunciation by means of Automatic Speech Recognition System for Computer Aided Indonesian Language Learning. , 2006, , .		3
30	Student perceptions of virtual programming lab on e-learning class at University of Sam Ratulangi. , 2016, , .		3
31	Using real-time online preprocessed mouse tracking for lower storage and transmission costs. Journal of Big Data, 2020, 7, .	11.0	3
32	Real-time processing using the frequency domain binaural model. Applied Acoustics, 2007, 68, 923-938.	3.3	2
33	Detection of user's body movement for binaural hearing aids to control of directivity. , 2013, , .		2
34	An attendance management system for Moodle using student identification card and Android device. , 2014, , .		2
35	Evaluation on e-learning readiness of Yangon and Mandalay technological universities, Myanmar. , 2017, , .		2
36	Application of active control technique on a bone conduction headphone for estimating a cross-talk compensation filter. , 2017, , .		2

#	ARTICLE	IF	CITATIONS
37	Improving Academic Performance Through Blended Learning: The Case of Afghan Higher Education. International Journal of Emerging Technologies in Learning, 2021, 16, 104.	1.3	2
38	Analysis of a moving sound source by the cross-spectral technique. A method for reducing frequency shift by the Doppler effect.. Journal of the Acoustical Society of Japan (E), 1985, 6, 281-288.	0.1	2
39	A microphone array system using iterative echo suppression method as inverse filtering.. Acoustical Science and Technology, 2001, 22, 315-317.	0.5	2
40	Analysis of moving sound sources. Separation of multiple sources.. Journal of the Acoustical Society of Japan (E), 1989, 10, 189-195.	0.1	2
41	A configuration of remote control system using speech within a priori known noise.. Journal of the Acoustical Society of Japan (E), 1992, 13, 295-300.	0.1	2
42	Auditory detection of multiple targets.. Journal of the Acoustical Society of Japan (E), 1997, 18, 163-171.	0.1	2
43	Dynamic synchronization of learning contents of distributed learning management systems over band limited network — Contents sharing between distributed Moodle 2.0 series. , 2013, , .		1
44	The Attractiveness of Facebook in Secondary Students in the Kingdom of Tonga and its Potential. , 2014, , .		1
45	Rsync and Rdiff implementation on Moodle's backup and restore feature for course synchronization over the network. , 2016, , .		1
46	Improved Transcription and Speaker Identification System for Concurrent Speech in Bahasa Indonesia Using Recurrent Neural Network. IEEE Access, 2021, 9, 70758-70774.	4.2	1
47	Howling canceler for a hearing assistant system based on interaural level difference. Acoustical Science and Technology, 2006, 27, 248-251.	0.5	1
48	Effects of the preceding and following tone on laterality threshold.. Acoustical Science and Technology, 2001, 22, 351-357.	0.5	1
49	Noise evaluation in broadcast listening.. Journal of the Acoustical Society of Japan (E), 1986, 7, 83-87.	0.1	1
50	Correction method of estimated insertion-loss based on the four-pole parameters. Effect of mean flow and temperature gradient.. Journal of the Acoustical Society of Japan (E), 1994, 15, 97-105.	0.1	1
51	Bone conduction microphone measures in the external auditory canal: An application for implementing cross-talk cancellation for bone-conducted sound. Acoustical Science and Technology, 2019, 40, 356-359.	0.5	1
52	Learning Analytics: Analyzing Various Aspects of Learnersâ€™ Performance in Blended Courses. The Case of Kabul Polytechnic University, Afghanistan. International Journal of Emerging Technologies in Learning, 2020, 15, 168.	1.3	1
53	On detection of quantization noise in low level reproduction of digital audio system. Electronics and Communications in Japan, Part III: Fundamental Electronic Science (English Translation of Denshi) Tj ETQq1 1 0.784314 rgBT (Overloc		
54	Resonance of elliptical perforated tube muffler. Electronics and Communications in Japan, Part III: Fundamental Electronic Science (English Translation of Denshi Tsushin Gakkai Ronbunshi), 2000, 83, 51-60.	0.1	0

#	ARTICLE	IF	CITATIONS
55	Development of an Utterance Training e-Learning System for L2 Learners of Japanese. , 2006, , .		0
56	Speech enhancement method based on spectral filtering utilizing asynchronous signals with embedded timecode over TCP/IP based network. , 2010, , .		0
57	A theoretical study on directivity control of multiple-loudspeaker system with a quadrupole radiation pattern in low frequency range. AIP Conference Proceedings, 2017, , .	0.4	0
58	Lecture management of parallel classes in a blended learning style: The case of Digital Signal Processing I as a compulsory course. Acoustical Science and Technology, 2017, 38, 203-212.	0.5	0
59	Proposed Plugin for Collaborative Game-Based Learning. , 2019, , .		0
60	In-ear microphone measures in the ear canal with bone conduction stimulation: An application for estimating a cross-talk compensation filter. Acoustical Science and Technology, 2020, 41, 439-442.	0.5	0
61	Using access log data to predict failure-prone students in Moodle using a small dataset. SHS Web of Conferences, 2021, 102, 04001.	0.2	0
62	Pitch detection using real-time processing system based on the cluster system. Acoustical Science and Technology, 2004, 25, 30-36.	0.5	0
63	Speech encryption system with a low bit rate coding algorithm for analogue transmission line. Acoustical Science and Technology, 2005, 26, 371-373.	0.5	0
64	Measurement of the laterality threshold of a tone with an interaural intensity difference under temporal masking conditions. Acoustical Science and Technology, 2005, 26, 296-298.	0.5	0
65	Quantitative evaluation of segregated signal with frequency domain binaural model. Acoustical Science and Technology, 2009, 30, 448-451.	0.5	0
66	Analysis of a moving sound source - Orbit estimation using microphone array.. Journal of the Acoustical Society of Japan (E), 1987, 8, 23-28.	0.1	0
67	Noise evaluation in broadcast listening. Annoyance due to speech with context.. Journal of the Acoustical Society of Japan (E), 1987, 8, 57-61.	0.1	0
68	Derivation of four-pole parameters for elliptic cylindrical cavity with extended inlet and outlet.. Journal of the Acoustical Society of Japan (E), 1994, 15, 27-36.	0.1	0
69	Analysis of masking data applicable to subband coding.. Journal of the Acoustical Society of Japan (E), 1994, 15, 189-190.	0.1	0
70	A correction of the insertion-loss for constant sound pressure with flow.. Journal of the Acoustical Society of Japan (E), 1995, 16, 159-164.	0.1	0
71	Automatic Transcription and Captioning System for Bahasa Indonesia in Multi-Speaker Environment. , 2020, , .		0