

Georgios T Kouroupetroglou

List of Publications by Year in descending order

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Version: 2024-02-01

83
papers

509
citations

759190

12
h-index

839512

18
g-index

89
all docs

89
docs citations

89
times ranked

280
citing authors

#	ARTICLE	IF	CITATIONS
1	Speech technologies for blind and low vision persons. <i>Technology and Disability</i> , 2008, 20, 135-156.	0.6	47
2	Using Kinect for 2D and 3D Pointing Tasks: Performance Evaluation. <i>Lecture Notes in Computer Science</i> , 2013, , 358-367.	1.3	35
3	Auditory universal accessibility of data tables using naturally derived prosody specification. <i>Universal Access in the Information Society</i> , 2010, 9, 169-183.	3.0	22
4	Usability Methodologies for Real-Life Voice User Interfaces. <i>International Journal of Information Technology and Web Engineering</i> , 2009, 4, 78-94.	1.6	19
5	ITHACA. <i>ACM Transactions on Accessible Computing</i> , 2010, 2, 1-30.	2.4	19
6	Acoustic Rendering of Data Tables Using Earcons and Prosody for Document Accessibility. <i>Lecture Notes in Computer Science</i> , 2009, , 587-596.	1.3	14
7	Spoken Dialogue Interfaces: Integrating Usability. <i>Lecture Notes in Computer Science</i> , 2009, , 484-499.	1.3	14
8	A Methodology for the Extraction of Reader's Emotional State Triggered from Text Typography. , 0, , .		13
9	A Bayesian Network Approach to Semantic Labelling of Text Formatting in XML Corpora of Documents. <i>Lecture Notes in Computer Science</i> , 2007, , 299-308.	1.3	13
10	An Open Source / Freeware Assistive Technology Software Inventory. <i>Lecture Notes in Computer Science</i> , 2010, , 178-185.	1.3	13
11	Designing User Interfaces for Social Media Driven Digital Preservation and Information Retrieval. <i>Lecture Notes in Computer Science</i> , 2012, , 581-584.	1.3	13
12	Using Wiimote for 2D and 3D Pointing Tasks: Gesture Performance Evaluation. <i>Lecture Notes in Computer Science</i> , 2012, , 13-23.	1.3	13
13	Auditory Accessibility of Metadata in Books: A Design for All Approach. <i>Lecture Notes in Computer Science</i> , 2007, , 436-445.	1.3	12
14	MNISIKLIS:Indoor Location Based Services for All. <i>Lecture Notes in Geoinformation and Cartography</i> , 2009, , 263-282.	1.0	12
15	Modeling Reader's Emotional State Response on Document's Typographic Elements. <i>Advances in Human-Computer Interaction</i> , 2011, 2011, 1-18.	2.8	12
16	Modeling Prosodic Structures in Linguistically Enriched Environments. <i>Lecture Notes in Computer Science</i> , 2004, , 521-528.	1.3	11
17	A methodological approach for designing and developing web-based inventories of mobile Assistive Technology applications. <i>Multimedia Tools and Applications</i> , 2017, 76, 5347-5366.	3.9	11
18	Augmented Auditory Representation of e-Texts for Text-to-Speech Systems. <i>Lecture Notes in Computer Science</i> , 2001, , 134-141.	1.3	11

#	ARTICLE	IF	CITATIONS
19	Modeling Improved Prosody Generation from High-Level Linguistically Annotated Corpora. IEICE Transactions on Information and Systems, 2005, E88-D, 510-518.	0.7	10
20	Access to lexical knowledge in modular interpersonal communication aids. AAC: Augmentative and Alternative Communication, 1999, 15, 269-279.	1.4	9
21	Discrimination and Comprehension of Synthetic Speech by Students with Visual Impairments: The Case of Similar Acoustic Patterns. Journal of Visual Impairment and Blindness, 2008, 102, 420-429.	0.7	8
22	Multimodal Accessibility of Documents. , 2008, , .		7
23	User Requirements Regarding Information Included in Audio-Tactile Maps for Individuals with Blindness. Lecture Notes in Computer Science, 2016, , 168-175.	1.3	7
24	Artificial Neural Network Modeling of Relative Humidity and Air Temperature Spatial and Temporal Distributions Over Complex Terrains. Advances in Intelligent Systems and Computing, 2015, , 171-187.	0.6	7
25	Tone-Group F0 selection for modeling focus prominence in small-footprint speech synthesis. Speech Communication, 2006, 48, 1057-1078.	2.8	6
26	Upper Limb Motor Skills Performance Evaluation Based on Point-and-Click Cursor Trajectory Analysis: Application in Early Multiple Sclerosis Detection. IEEE Access, 2019, 7, 28999-29013.	4.2	6
27	Design and Developing Methodology for 8-dot Braille Code Systems. Lecture Notes in Computer Science, 2013, , 331-340.	1.3	6
28	A new generation of communication aids under the ULYSSES component-based framework. , 2002, , .		5
29	Acoustic analysis of musical intervals in modern Byzantine Chant scales. Journal of the Acoustical Society of America, 2008, 124, EL262-EL269.	1.1	5
30	Prosodic mapping of text font based on the dimensional theory of emotions: a case study on style and size. Eurasip Journal on Audio, Speech, and Music Processing, 2016, 2016, .	2.1	5
31	Environmental Information Required by Individuals with Visual Impairments Who Use Orientation and Mobility Aids to Navigate Campuses. Journal of Visual Impairment and Blindness, 2020, 114, 263-276.	0.7	5
32	Multilingual Personalized Information Objects. Text, Speech and Language Technology, 2005, , 177-201.	0.2	5
33	Transforming Spontaneous Telegraphic Language to Well-Formed Greek Sentences for Alternative and Augmentative Communication. Lecture Notes in Computer Science, 2002, , 155-166.	1.3	5
34	Tactile Identification of Embossed Raised Lines and Raised Squares with Variable Dot Elevation by Persons Who Are Blind. Lecture Notes in Computer Science, 2016, , 77-84.	1.3	5
35	Perspective-Taking in Blindness: An Event- Related Brain Potentials Study With the Continuous Wavelet Transform. IEEE Access, 2020, 8, 76657-76670.	4.2	4
36	The mATHENA Inventory for Free Mobile Assistive Technology Applications. Lecture Notes in Computer Science, 2015, , 519-527.	1.3	4

#	ARTICLE	IF	CITATIONS
37	DocEmoX: A System for the Typography-Derived Emotional Annotation of Documents. Lecture Notes in Computer Science, 2009, , 550-558.	1.3	4
38	An Open Machine Translation System for Augmentative and Alternative Communication. Lecture Notes in Computer Science, 2002, , 699-706.	1.3	4
39	Deriving Accessible Science Books for the Blind Students of Physics. AIP Conference Proceedings, 2010, , .	0.4	3
40	Upper Limb Motor Skills Evaluation in Patients with Early Multiple Sclerosis Using the IDEA System. , 2015, , .		3
41	ENTROTUNER: A Computational Method Adopting the Musician's Interaction With the Instrument to Estimate its Tuning. IEEE Access, 2020, 8, 53185-53195.	4.2	3
42	Tactile identification of embossed lines and square areas in diverse dot heights by blind individuals. Universal Access in the Information Society, 2021, 20, 333-342.	3.0	3
43	Physical Modeling of the Ancient Greek Wind Musical Instrument Aulos: A Double-Reed Exciter Linked to an Acoustic Resonator. IEEE Access, 2021, 9, 98150-98160.	4.2	3
44	Musical Instrument Recognition and Classification Using Time Encoded Signal Processing and Fast Artificial Neural Networks. Lecture Notes in Computer Science, 2006, , 246-255.	1.3	3
45	An Evaluation Methodology of Math-to-Speech in Non-English DAISY Digital Talking Books. Lecture Notes in Computer Science, 2016, , 27-34.	1.3	3
46	Discrimination and Perception of the Acoustic Rendition of Texts by Blind People. Lecture Notes in Computer Science, 2007, , 205-213.	1.3	3
47	Design and Development Methodology for the Emotional State Estimation of Verbs. Lecture Notes in Computer Science, 2013, , 1-15.	1.3	3
48	A Methodology for Reader's Emotional State Extraction to Augment Expressions in Speech Synthesis. , 2007, , .		2
49	HERON. , 2008, , .		2
50	Environmental information for inclusion in orientation and mobility maps, identified by travelers with blindness: The cases of city centers and neighborhoods/residential areas. British Journal of Visual Impairment, 2020, 38, 333-346.	0.8	2
51	Regression Modeling of Reader's Emotions Induced by Font Based Text Signals. Lecture Notes in Computer Science, 2013, , 434-443.	1.3	2
52	Voice User Interfaces for Service Robots: Design Principles and Methodology. Lecture Notes in Computer Science, 2020, , 489-505.	1.3	2
53	Designing an Educational Scenario Using the Principles of Universal Design for Learning. , 2014, , .		1
54	The Development of Knowledge about the Earth and the Day/Night Cycle in Blind and Sighted Children Using Acoustical Rendition of Documents's Visual Elements. Procedia Computer Science, 2015, 65, 484-491.	2.0	1

#	ARTICLE	IF	CITATIONS
55	Audio Enhancement of Physical Models of Musical Instruments Using Optimal Correction Factors: The Recorder Case. Applied Sciences (Switzerland), 2021, 11, 6426.	2.5	1
56	Experimental Evaluation of Tree-Based Algorithms for Intonational Breaks Representation. Lecture Notes in Computer Science, 2005, , 334-341.	1.3	1
57	Emotional Prosodic Model Evaluation for Greek Expressive Text-to-Speech Synthesis. Lecture Notes in Computer Science, 2014, , 166-174.	1.3	1
58	Accessibility Driven Design for Policy Argumentation Modelling. Lecture Notes in Computer Science, 2014, , 101-108.	1.3	1
59	Usability Methodologies for Spoken Dialogue Web Interfaces. Advances in Web Technologies and Engineering Book Series, 2010, , 149-65.	0.4	1
60	Low Cost Force-Feedback Interaction with Haptic Digital Audio Effects. Lecture Notes in Computer Science, 2012, , 48-56.	1.3	1
61	On the Identification and Annotation of Emotional Properties of Verbs. Lecture Notes in Computer Science, 2013, , 588-597.	1.3	1
62	Patterns of Blind Users'™ Hand Movements. Lecture Notes in Computer Science, 2014, , 77-84.	1.3	1
63	An Experimental Approach in Conceptualizing Typographic Signals of Documents by Eight-Dot and Six-Dot Braille Code. Lecture Notes in Computer Science, 2014, , 83-92.	1.3	1
64	Performance Metrics and Their Extraction Methods for Audio Rendered Mathematics. Lecture Notes in Computer Science, 2014, , 614-621.	1.3	1
65	Accessibility of Documents. Advances in Information Quality and Management, 2014, , 4456-4464.	0.2	1
66	Specification of Symbols Used in Audio-Tactile Maps for Individuals with Blindness. Lecture Notes in Computer Science, 2016, , 160-167.	1.3	1
67	HERMOPHILOS: A Web-Based Information System for the Workflow Management and Delivery of Accessible eTextbooks. Lecture Notes in Computer Science, 2016, , 409-416.	1.3	1
68	How Blind and Sighted Individuals Perceive the Typographic Text-Signals of a Document. Lecture Notes in Computer Science, 2016, , 81-90.	1.3	1
69	VoiceWeb. , 0, , 340-359.		1
70	A Framework for Language-Independent Analysis and Prosodic Feature Annotation of Text Corpora. Lecture Notes in Computer Science, 2008, , 517-524.	1.3	1
71	A network of peers and practices for addressing Learner Variability: UDLnet. Studies in Health Technology and Informatics, 2015, 217, 32-9.	0.3	1
72	Autonomous multichannel data acquisition system. Review of Scientific Instruments, 1988, 59, 179-181.	1.3	0

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73	Vibrato detection in Byzantine Chant Music. , 2014, , .		0
74	Hand dexterity assessment based on mouse pointer trajectory measurements in children with learning disabilities. Universal Access in the Information Society, 2021, 20, 321-331.	3.0	0
75	Integrating Contrast in a Framework for Predicting Prosody. Lecture Notes in Computer Science, 2010, , 748-758.	1.3	0
76	Design and Development of an Automated Voice Agent. , 2011, , 335-357.		0
77	Acoustic Modeling of Dialogue Elements for Document Accessibility. Lecture Notes in Computer Science, 2011, , 175-184.	1.3	0
78	User Perception Knowledge for Socially-Aware Web Document Accessibility. Lecture Notes in Computer Science, 2013, , 710-717.	1.3	0
79	Usability Design and Testing of an Interface for Search and Retrieval of Social Web Data. Lecture Notes in Computer Science, 2013, , 575-580.	1.3	0
80	Indoor Navigation and Location-Based Services for Persons with Motor Limitations. Advances in Medical Technologies and Clinical Practice Book Series, 2014, , 202-233.	0.3	0
81	Reading Comprehension Issues and Individuals with Visual Impairments: The Effects of Using 8-dot and 6-dot Braille Code Through a Braille Display. Lecture Notes in Computer Science, 2015, , 71-81.	1.3	0
82	Indoor Navigation and Location-Based Services for Persons with Motor Limitations. , 2016, , 169-200.		0
83	Art Karshmer Lectures in Access to Mathematics, Science and Engineering. Lecture Notes in Computer Science, 2018, , 561-564.	1.3	0