Georgios T Kouroupetroglou

List of Publications by Year in Descending Order

86 papers	**372** citations	**11** h-index	**14** g-index
89 ext. papers	**429** ext. citations	**1.2** avg, IF	**3.43** L-index

#	Paper	IF	Citations
86	Developing a Corpus of Hierarchically Classified STEM Images for Accessibility Purposes. *Lecture Notes in Computer Science*, **2022**, 56-62	0.9	
85	Art Karshmer Lectures in Access to Mathematics, Science and Engineering. *Lecture Notes in Computer Science*, **2022**, 3-6	0.9	
84	Audio Enhancement of Physical Models of Musical Instruments Using Optimal Correction Factors: The Recorder Case. *Applied Sciences (Switzerland)*, **2021**, 11, 6426	2.6	1
83	Hand dexterity assessment based on mouse pointer trajectory measurements in children with learning disabilities. *Universal Access in the Information Society*, **2021**, 20, 321-331	2.5	
82	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	2.5	1
81	. *IEEE Access*, **2021**, 9, 98150-98160	3.5	1
80	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	0.7	
79	Perspective-Taking in Blindness: An Event- Related Brain Potentials Study With the Continuous Wavelet Transform. *IEEE Access*, **2020**, 8, 76657-76670	3.5	2
78	ENTROTUNER: A Computational Method Adopting the Musician Interaction With the Instrument to Estimate its Tuning. *IEEE Access*, **2020**, 8, 53185-53195	3.5	3
77	Voice User Interfaces for Service Robots: Design Principles and Methodology. *Lecture Notes in Computer Science*, **2020**, 489-505	0.9	0
76	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	2
75	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	3.5	4
74	Art Karshmer Lectures in Access to Mathematics, Science and Engineering. *Lecture Notes in Computer Science*, **2018**, 561-564	0.9	
73	A methodological approach for designing and developing web-based inventories of mobile Assistive Technology applications. *Multimedia Tools and Applications*, **2017**, 76, 5347-5366	2.5	4
72	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,	2.3	2
71	An Evaluation Methodology of Math-to-Speech in Non-English DAISY Digital Talking Books. *Lecture Notes in Computer Science*, **2016**, 27-34	0.9	3
70	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	0.9	3

69	Specification of Symbols Used in Audio-Tactile Maps for Individuals with Blindness. *Lecture Notes in Computer Science*, **2016**, 160-167	0.9	1
68	HERMOPHILOS: A Web-Based Information System for the Workflow Management and Delivery of Accessible eTextbooks. *Lecture Notes in Computer Science*, **2016**, 409-416	0.9	1
67	Indoor Navigation and Location-Based Services for Persons with Motor Limitations **2016**, 169-200		
66	How Blind and Sighted Individuals Perceive the Typographic Text-Signals of a Document. *Lecture Notes in Computer Science*, **2016**, 81-90	0.9	0
65	User Requirements Regarding Information Included in Audio-Tactile Maps for Individuals with Blindness. *Lecture Notes in Computer Science*, **2016**, 168-175	0.9	7
64	The Development of Knowledge about the Earth and the Day/Night Cycle in Blind and Sighted Children Using Acoustical Rendition of Documents Visual Elements. *Procedia Computer Science*, **2015**, 65, 484-491	1.6	1
63	Upper Limb Motor Skills Evaluation in Patients with Early Multiple Sclerosis Using the IDEA System **2015**,		2
62	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	0.4	4
61	The mATHENA Inventory for Free Mobile Assistive Technology Applications. *Lecture Notes in Computer Science*, **2015**, 519-527	0.9	3
60	Accessibility of Documents **2015**, 4456-4464		1
59	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	0.9	
58	A network of peers and practices for addressing Learner Variability: UDLnet. *Studies in Health Technology and Informatics*, **2015**, 217, 32-9	0.5	1
57	EAR-Math: Evaluation of Audio Rendered Mathematics. *Lecture Notes in Computer Science*, **2014**, 111-120	0.9	3
56	Emotional Prosodic Model Evaluation for Greek Expressive Text-to-Speech Synthesis. *Lecture Notes in Computer Science*, **2014**, 166-174	0.9	1
55	Accessibility Driven Design for Policy Argumentation Modelling. *Lecture Notes in Computer Science*, **2014**, 101-108	0.9	1
54	Patterns of Blind Users Hand Movements. *Lecture Notes in Computer Science*, **2014**, 77-84	0.9	1
53	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	0.9	1
52	Performance Metrics and Their Extraction Methods for Audio Rendered Mathematics. *Lecture Notes in Computer Science*, **2014**, 614-621	0.9	1

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51	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	
50	Using Kinect for 2D and 3D Pointing Tasks: Performance Evaluation. *Lecture Notes in Computer Science*, **2013**, 358-367	0.9	33
49	User Perception Knowledge for Socially-Aware Web Document Accessibility. *Lecture Notes in Computer Science*, **2013**, 710-717	0.9	
48	On the Identification and Annotation of Emotional Properties of Verbs. *Lecture Notes in Computer Science*, **2013**, 588-597	0.9	
47	Regression Modeling of Reader's Emotions Induced by Font Based Text Signals. *Lecture Notes in Computer Science*, **2013**, 434-443	0.9	2
46	Usability Design and Testing of an Interface for Search and Retrieval of Social Web Data. *Lecture Notes in Computer Science*, **2013**, 575-580	0.9	
45	Design and Developing Methodology for 8-dot Braille Code Systems. *Lecture Notes in Computer Science*, **2013**, 331-340	0.9	4
44	Design and Development Methodology for the Emotional State Estimation of Verbs. *Lecture Notes in Computer Science*, **2013**, 1-15	0.9	2
43	Designing User Interfaces for Social Media Driven Digital Preservation and Information Retrieval. *Lecture Notes in Computer Science*, **2012**, 581-584	0.9	11
42	Using Wiimote for 2D and 3D Pointing Tasks: Gesture Performance Evaluation. *Lecture Notes in Computer Science*, **2012**, 13-23	0.9	11
41	Low Cost Force-Feedback Interaction with Haptic Digital Audio Effects. *Lecture Notes in Computer Science*, **2012**, 48-56	0.9	1
40	Modeling Reader's Emotional State Response on Document's Typographic Elements. *Advances in Human-Computer Interaction*, **2011**, 2011, 1-18	2.8	7
39	Design and Development of an Automated Voice Agent **2011**, 335-357		
38	Acoustic Modeling of Dialogue Elements for Document Accessibility. *Lecture Notes in Computer Science*, **2011**, 175-184	0.9	
37	ITHACA. *ACM Transactions on Accessible Computing*, **2010**, 2, 1-30	2.7	12
36	Deriving Accessible Science Books for the Blind Students of Physics **2010**,		2
35	Auditory universal accessibility of data tables using naturally derived prosody specification. *Universal Access in the Information Society*, **2010**, 9, 169-183	2.5	16
34	An Open Source / Freeware Assistive Technology Software Inventory. *Lecture Notes in Computer Science*, **2010**, 178-185	0.9	12

33	Usability Methodologies for Spoken Dialogue Web Interfaces. *Advances in Web Technologies and Engineering Book Series*, **2010**, 149-65	0.2	1
32	Integrating Contrast in a Framework for Predicting Prosody. *Lecture Notes in Computer Science*, **2010**, 748-758	0.9	
31	MNISIKLIS:Indoor Location Based Services for All. *Lecture Notes in Geoinformation and Cartography*, **2009**, 263-282	0.3	11
30	Usability Methodologies for Real-Life Voice User Interfaces. *International Journal of Information Technology and Web Engineering*, **2009**, 4, 78-94	1.3	16
29	Universal Access in Public Terminals. *Human Factors and Ergonomics*, **2009**, 1-19		5
28	DocEmoX: A System for the Typography-Derived Emotional Annotation of Documents. *Lecture Notes in Computer Science*, **2009**, 550-558	0.9	4
27	Acoustic Rendering of Data Tables Using Earcons and Prosody for Document Accessibility. *Lecture Notes in Computer Science*, **2009**, 587-596	0.9	9
26	Spoken Dialogue Interfaces: Integrating Usability. *Lecture Notes in Computer Science*, **2009**, 484-499	0.9	13
25	HERON **2008**,		2
24	Acoustic analysis of musical intervals in modern Byzantine Chant scales. *Journal of the Acoustical Society of America*, **2008**, 124, EL262-9	2.2	3
23	Speech technologies for blind and low vision persons. *Technology and Disability*, **2008**, 20, 135-156	0.7	36
22	A Methodology for the Extraction of Reader's Emotional State Triggered from Text Typography **2008**,		7
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	7
20	Multimodal Accessibility of Documents **2008**,		4
19	A Framework for Language-Independent Analysis and Prosodic Feature Annotation of Text Corpora. *Lecture Notes in Computer Science*, **2008**, 517-524	0.9	1
18	A Methodology for Reader's Emotional State Extraction to Augment Expressions in Speech Synthesis **2007**,		2
17	Auditory Accessibility of Metadata in Books: A Design for All Approach. *Lecture Notes in Computer Science*, **2007**, 436-445	0.9	6
16	Discrimination and Perception of the Acoustic Rendition of Texts by Blind People. *Lecture Notes in Computer Science*, **2007**, 205-213	0.9	2

15	A Bayesian Network Approach to Semantic Labelling of Text Formatting in XML Corpora of Documents. *Lecture Notes in Computer Science*, **2007**, 299-308	0.9	8
14	Tone-Group F0 selection for modeling focus prominence in small-footprint speech synthesis. *Speech Communication*, **2006**, 48, 1057-1078	2.8	6
13	Musical Instrument Recognition and Classification Using Time Encoded Signal Processing and Fast Artificial Neural Networks. *Lecture Notes in Computer Science*, **2006**, 246-255	0.9	2
12	Modeling Improved Prosody Generation from High-Level Linguistically Annotated Corpora. *IEICE Transactions on Information and Systems*, **2005**, E88-D, 510-518	0.6	9
11	Multilingual Personalized Information Objects. *Text, Speech and Language Technology*, **2005**, 177-201		2
10	Diction Based Prosody Modeling in Table-to-Speech Synthesis. *Lecture Notes in Computer Science*, **2005**, 294-301	0.9	12
9	Experimental Evaluation of Tree-Based Algorithms for Intonational Breaks Representation. *Lecture Notes in Computer Science*, **2005**, 334-341	0.9	1
8	Modeling Prosodic Structures in Linguistically Enriched Environments. *Lecture Notes in Computer Science*, **2004**, 521-528	0.9	9
7	A new generation of communication aids under the ULYSSES component-based framework **2002**,		4
6	An Open Machine Translation System for Augmentative and Alternative Communication. *Lecture Notes in Computer Science*, **2002**, 699-706	0.9	3
5	Transforming Spontaneous Telegraphic Language to Well-Formed Greek Sentences for Alternative and Augmentative Communication. *Lecture Notes in Computer Science*, **2002**, 155-166	0.9	4
4	Augmented Auditory Representation of e-Texts for Text-to-Speech Systems. *Lecture Notes in Computer Science*, **2001**, 134-141	0.9	4
3	Access to lexical knowledge in modular interpersonal communication aids. *AAC: Augmentative and Alternative Communication*, **1999**, 15, 269-279	3.5	6
2	Autonomous multichannel data-acquisition system. *Review of Scientific Instruments*, **1988**, 59, 179-181	1.7	
1	VoiceWeb340-359		1