Sergio Canazza

List of Publications by Year
in descending order

56 papers	468 citations

687363

13 h-index	18 g-index

839539

59 all docs	59 docs citations	59 times ranked	256 citing authors

#	Article	IF	Citations
1	Clustering Affective Qualities of Classical Music: Beyond the Valence-Arousal Plane. IEEE Transactions on Affective Computing, 2014, 5, 364-376.	8.3	34
2	An Abstract Control Space for Communication of Sensory Expressive Intentions in Music Performance. Journal of New Music Research, 2003, 32, 281-294.	0.8	32
3	Restoration of Audio Documents by Means of Extended Kalman Filter. IEEE Transactions on Audio Speech and Language Processing, 2010, 18, 1107-1115.	3.2	22
4	Tape music archives: from preservation to access. International Journal on Digital Libraries, 2017, 18, 233-249.	1.5	22
5	Adaptive Time Delay Estimation Using Filter Length Constraints for Source Localization in Reverberant Acoustic Environments. IEEE Signal Processing Letters, 2013, 20, 507-510.	3.6	21
6	Inclusive sound and music serious games in a large‐scale responsive environment. British Journal of Educational Technology, 2018, 49, 620-635.	6.3	20
7	Algorithms can Mimic Human Piano Performance: The Deep Blues of Music. Journal of New Music Research, 2017, 46, 175-186.	0.8	18
8	A Systemic Approach to the Preservation of Audio Documents: Methodology and Software Tools. Journal of Electrical and Computer Engineering, 2013, 2013, 1-21.	0.9	16
9	Incident Signal Power Comparison for Localization of Concurrent Multiple Acoustic Sources. Scientific World Journal, The, 2014, 2014, 1-13.	2.1	16
10	How to play a MOOC: Practices and simulation. Entertainment Computing, 2021, 37, 100395.	2.9	16
11	CaRo 2.0: An Interactive System for Expressive Music Rendering. Advances in Human-Computer Interaction, 2015, 2015, 1-13.	2.8	15
12	Is Vivaldi smooth and takete? Non-verbal sensory scales for describing music qualities. Journal of New Music Research, 2015, 44, 359-372.	0.8	14
13	An ATR-FTIR and ESEM study on magnetic tapes for the assessment of the degradation of historical audio recordings. Journal of Cultural Heritage, 2016, 18, 313-320.	3.3	14
14	Methodologies and tools for audio digital archives. International Journal on Digital Libraries, 2009, 10, 201-220.	1.5	13
15	Entertaining listening by means of the Stanza Logo-Motoria: an Interactive Multimodal Environment. Entertainment Computing, 2013, 4, 213-220.	2.9	13
16	Audio–video biometric recognition for non-collaborative access granting. Journal of Visual Languages and Computing, 2009, 20, 353-367.	1.8	12
17	Accessing Tape Music Documents on Mobile Devices. ACM Transactions on Multimedia Computing, Communications and Applications, 2015, 12, 1-20.	4.3	12
18	Toward a Methodology for the Restoration of Electroacoustic Music. Journal of New Music Research, 2001, 30, 351-363.	0.8	11

#	Article	IF	Citations
19	The Safeguard of Audio Collections: A Computer Science Based Approach to Quality Control—The Case of the Sound Archive of the Arena di Verona. Advances in Multimedia, 2013, 2013, 1-14.	0.4	11
20	The digital curation of ethnic music audio archives: from preservation to restoration. International Journal on Digital Libraries, 2012, 12, 121-135.	1.5	10
21	Stay True to the Sound of History: Philology, Phylogenetics and Information Engineering in Musicology. Applied Sciences (Switzerland), 2018, 8, 226.	2.5	10
22	Computing Methodologies Supporting the Preservation of Electroacoustic Music from Analog Magnetic Tape. Computer Music Journal, 2018, 42, 59-74.	0.1	10
23	Four Decades of Music Research, Creation, and Education at Padua's Centro di Sonologia Computazionale. Computer Music Journal, 2019, 43, 58-80.	0.1	10
24	The Role of Individual Difference in Judging Expressiveness of Computer-Assisted Music Performances by Experts. ACM Transactions on Applied Perception, 2015, 11, 1-20.	1.9	9
25	The challenge of preserving interactive sound art: a multi-level approach. International Journal of Arts and Technology, 2014, 7, 294.	0.1	8
26	Technology-Enhanced Interaction with Cultural Heritage. Journal on Computing and Cultural Heritage, 2020, 13, 1-20.	2.1	7
27	The Past Through the Future: A Hypermedia Model for Handling the Information Stored in the Audio Documents. Journal of New Music Research, 2009, 38, 381-396.	0.8	6
28	The*Harmonic Walk*: An Interactive Physical Environment to Learn Tonal Melody Accompaniment. Advances in Multimedia, 2016, 2016, 1-16.	0.4	6
29	Multimedia Archives: New Digital Filters to Correct Equalization Errors on Digitized Audio Tapes. Advances in Multimedia, 2021, 2021, 1-11.	0.4	5
30	Bodily Interactions in Motion-Based Music Applications. Human Technology, 2017, 13, 82-108.	2.0	5
31	Gesture, Music and Computer: The Centro di Sonologia Computazionale at Padova University, a 50-Year History. Sensors, 2022, 22, 3465.	3.8	5
32	Pavarotti Sings Again: A Multidisciplinary Approach to the Active Preservation of the Audio Collection at theArena di Verona. Journal of New Music Research, 2013, 42, 364-380.	0.8	4
33	A Multimodal Learning System for Individuals with Sensorial, Neuropsychological, and Relational Impairments. Journal of Sensors, 2013, 2013, 1-12.	1.1	4
34	Beyond Emotion. , 2017, , 78-86.		4
35	Following the Cuckoo Sound: A Responsive Floor to Train Blind Children to Avoid Veering. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 11-20.	0.3	4
36	The restoration of low-quality audio recordings based on non-negative matrix factorization and perceptual assessment by means of the ebu mushra test method. , 2010, , .		3

#	Article	IF	Citations
37	A conceptual framework for motion based music applications. , 2015, , .		3
38	Hermeneutic Implications of Cultural Encoding: A Reflection on Audio Recordings and Interactive Installation Art. Communications in Computer and Information Science, 2017, , 47-58.	0.5	3
39	Illuminating Music: Impact of Color Hue for Background Lighting on Emotional Arousal in Piano Performance Videos. Frontiers in Psychology, 2022, 13, 828699.	2.1	3
40	Listening the photos. , 2010, , .		2
41	Digital Philology in Audio Long-term Preservation: A Multidisciplinary Project on Experimental Music. Procedia Computer Science, 2014, 38, 48-51.	2.0	2
42	Teaching by Means of a Technologically Augmented Environment: The Stanza Logo-Motoria. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 231-235.	0.3	2
43	Multiple acoustic sources localization using incident Signal Power comparison. , 2011, , .		1
44	Digital Philology for Multimedia Cultural Heritage. Journal of New Music Research, 2017, 46, (iii)-(iv).	0.8	1
45	The "Good or Bad?" Game. , 2018, , .		1
46	Digital Preservation and Access of Audio Heritage: A Case Study for Phonographic Discs. Lecture Notes in Computer Science, 2009, , 451-454.	1.3	1
47	Towards a Procedure for Quality Control on Large Collections of Digitized Audio Data: The Case of the â€œFondazione Arena di Veronaâ€. Communications in Computer and Information Science, 2012, , 103-113.	0.5	1
48	A workflow and novel digital filters for compensating speed and equalization errors on digitized audio open-reel tapes. , 2021, , .		1
49	SoundingARM Assisted Representation of a Map. Atlantis Ambient and Pervasive Intelligence, 2013, , 73-86.	0.2	1
50	Reading Tapes Backwards: A Legitimate Approach to Saving Time and Money in Digitization Projects?. Applied Sciences (Switzerland), 2021, 11, 7092.	2.5	0
51	Audio Objects Access: Tools for the Preservation of the Cultural Heritage. Communications in Computer and Information Science, 2010, , 161-172.	0.5	0
52	Audio-Video Analysis of Musical Expressive Intentions. Lecture Notes in Computer Science, 2011, , 219-228.	1.3	0
53	Interactive Multimedia Installations:Towards a Model for Preservation. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2013, , 81-88.	0.3	0
54	Learning by Means of an Interactive Multimodal Environment. Advances in Human and Social Aspects of Technology Book Series, 2014, , 143-153.	0.3	0

#	Article	IF	Citations
55	Corrigendum to â€œMultimedia Archives: New Digital Filters to Correct Equalization Errors on Digitized Audio Tapesâ€• Advances in Multimedia, 2021, 2021, 1-1.	0.4	0
56	The Magnetic Urtext: Restoration as Music Interpretation. Frontiers in Psychology, 2022, 13, 844009.	2.1	0